

คู่มือมาตรฐานศัพท์ทางการแพทย์สากล (SNOMED CT): SNOMED CT Concept ในกลุ่ม Endoscopic Procedure เวอร์ชัน 2.0

SNOMED CT Handbook: SNOMED CT's Endoscopic Procedure Concepts Version 2.0

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สำนักพัฒนามาตรฐานระบบข้อมูลสุขภาพไทย (สมสท.)
สำนักพัฒนามาตรฐานโรคร่วมไทย (สรท.)
สถาบันวิจัยระบบสาธารณสุข (สวรส.)

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ในกลุ่ม Endoscopic Procedure เวอร์ชัน 2.0 เล่ม 1 (มิถุนายน 2569)

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ชุดเอกสาร

ชุดคู่มือมาตรฐานศัพท์ทางการแพทย์สากล (SNOMED CT): SNOMED CT Concept ในกลุ่ม Endoscopic Procedure ชุดนี้ ประกอบด้วยหนังสือทั้งหมด 2 เล่ม ได้แก่

- 1) คู่มือมาตรฐานศัพท์ทางการแพทย์สากล (SNOMED CT): SNOMED CT Concept ในกลุ่ม Endoscopic Procedure เวอร์ชัน 2.0 เล่ม 1
- 2) ภาคผนวก ก: รายการแผนภาพแสดง Concept ของ SNOMED CT Concept ทั้งหมดในกลุ่ม Endoscopic Procedure Version 2.0 ณ มิถุนายน 2569

โดยมีเนื้อหา ดังนี้

- เล่มที่ 1 เป็นคู่มือเกี่ยวกับ SNOMED CT concept ในกลุ่ม Endoscopic Procedure, ความหมายของสัญลักษณ์ต่าง ๆ ในการพิจารณาแผนภาพ, ขอบเขตเนื้อหาของ SNOMED CT concept ที่อยู่ในเอกสารนี้, และรายการ SNOMED CT ทั้งหมดในกลุ่ม Endoscopic Procedure (concept ID และ description)
- เล่มที่ 2 เป็นรายการแผนภาพแสดง SNOMED CT concept ตามที่แสดงใน SNOMED Browser

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คำนำ

ปัจจุบันการผ่าตัดและการทำหัตถการโดยใช้กล้อง หรือ endoscopic procedure มีบทบาทสำคัญในการตรวจวินิจฉัยและรักษาผู้ป่วย และมีการให้บริการเพิ่มขึ้นอย่างต่อเนื่องตามความก้าวหน้าของเทคโนโลยีทางการแพทย์ อย่างไรก็ตามรหัสหัตถการ ICD-9-CM ซึ่งประเทศไทยใช้สำหรับการบันทึกและรายงานข้อมูลหัตถการ ยังมีข้อจำกัดในการจำแนกรายละเอียดของหัตถการบางประเภท โดยเฉพาะการแยกความแตกต่างระหว่างการผ่าตัดแบบเปิดกับการผ่าตัดหรือการทำหัตถการโดยใช้กล้อง เนื่องจาก ICD-9-CM ไม่มีการปรับปรุงเพิ่มเติมตั้งแต่ปี ค.ศ.2015 ข้อจำกัดดังกล่าวอาจส่งผลให้ข้อมูลหัตถการขาดความละเอียด ไม่สามารถสะท้อนรูปแบบการให้บริการได้อย่างครบถ้วน และไม่เพียงพอต่อการนำไปใช้ในการวิเคราะห์บริการ การบริหารทรัพยากร การเบิกจ่ายค่ารักษาพยาบาล ตลอดจนการพัฒนากระบวนการกลุ่มวินิจฉัยโรคร่วมของประเทศไทย

SNOMED CT เป็นระบบคำศัพท์มาตรฐานทางคลินิกที่สามารถใช้แทนความหมายของข้อมูลสุขภาพได้อย่างละเอียดและเป็นระบบ โดยแต่ละแนวคิดมีรหัสประจำตัว คำอธิบาย และความสัมพันธ์เชิงความหมายที่ชัดเจน ทำให้สามารถระบุรายละเอียดของหัตถการได้ในระดับที่จำเพาะมากขึ้น จึงสามารถนำมาใช้ร่วมกับ ICD-9-CM เพื่อเพิ่มเติมรายละเอียดเกี่ยวกับรูปแบบและเทคนิคของหัตถการ โดยเฉพาะหัตถการในกลุ่ม endoscopic procedure

คู่มือมาตรฐานศัพท์ทางการแพทย์สากล (SNOMED CT): SNOMED CT Concept ในกลุ่ม endoscopic procedure จัดทำขึ้นเพื่อเป็นแนวทางในการพิจารณา SNOMED CT concept สำหรับหัตถการในกลุ่ม endoscopic procedure โดยเนื้อหาครอบคลุมหลักการพิจารณา concept ความหมายของสัญลักษณ์ที่ใช้ในการพิจารณาแผนภาพ ขอบเขตของ concept ที่นำมาจัดทำเป็นรายการในคู่มือการจัดหมวดหมู่ตามระบบอวัยวะ และรายการ SNOMED CT concept ในกลุ่ม endoscopic procedure เพื่ออำนวยความสะดวกแก่บุคลากรทางการแพทย์ ผู้ให้รหัส นักวิชาการสารสนเทศสุขภาพ และผู้พัฒนาระบบสารสนเทศในการค้นหาและพิจารณาใช้ concept ได้อย่างเหมาะสมและสอดคล้องกัน โดยได้เผยแพร่ครั้งแรกในเดือนมิถุนายน 2567

สำหรับฉบับนี้ เป็นการปรับปรุงเนื้อหาให้เป็นปัจจุบัน โดยยึดจาก SNOMED CT เวอร์ชันที่เผยแพร่เดือนมิถุนายน 2569 เพื่อให้มีเนื้อหาครอบคลุมหัตถการใหม่ ๆ มากขึ้น มีการจัดกลุ่มหัตถการให้มีความถูกต้องมากขึ้น และให้มีกระบวนการคัดเลือกเนื้อหา SNOMED CT โดยคณะแพทย์ผู้เชี่ยวชาญจากสาขาวิชาชีพต่าง ๆ ร่วมด้วย

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ความรู้พื้นฐานเกี่ยวกับ SNOMED CT

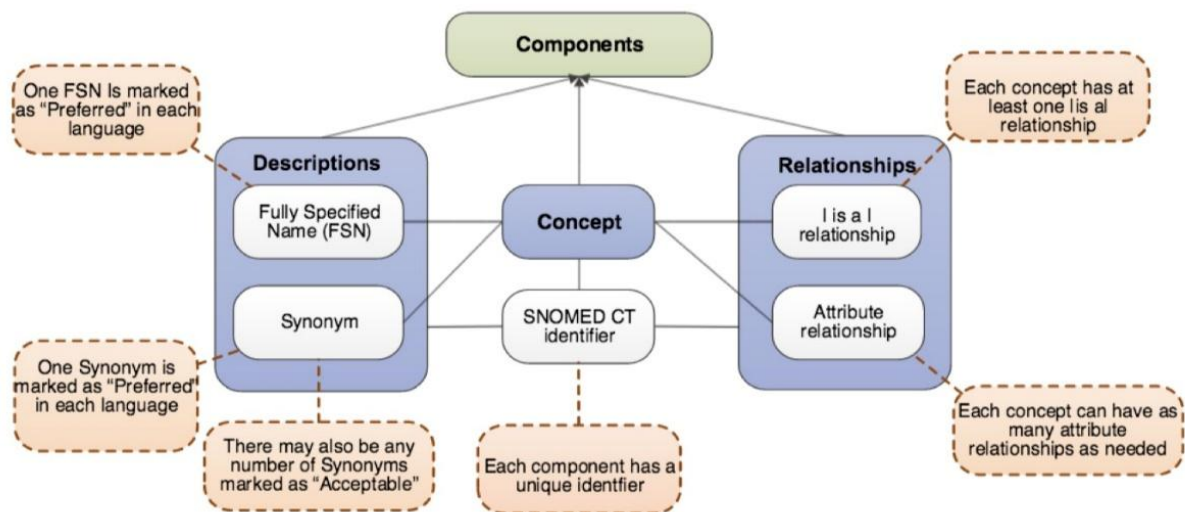


1.1. องค์ประกอบสำคัญของ SNOMED CT

SNOMED CT ประกอบด้วยองค์ประกอบสำคัญ 3 ประการ ได้แก่

1. **Concept** คือแนวคิดหรือความหมายทางคลินิกหนึ่งอย่าง ซึ่งสิ่งนี้อาจเป็น โรค อาการ หัตถการ หรือ โครงสร้างทางกายวิภาค และอื่น ๆ โดยแต่ละ concept จะมีรหัสประจำตัวที่เรียกว่า concept ID ซึ่งเป็น รหัสเฉพาะตัวและไม่ซ้ำกัน
2. **Description** คือคำหรือข้อความที่ใช้เรียกหรืออธิบาย concept โดยหนึ่ง concept สามารถมี description ได้หลายข้อความเพื่อรองรับความหลากหลายของการเรียกชื่อสิ่งที่มีความหมายเดียวกัน ทั้งนี้ description ที่สำคัญ ได้แก่
 - **Fully Specified Name (FSN)** เป็นชื่อที่ระบุความหมายของ concept ได้อย่างครบถ้วนชัดเจน ไม่กำกวม คำ FSN จะมีป้าย semantic tag กำกับเสมอ เป็นคำในวงเล็บเพื่อระบุว่า concept นั้น อยู่ในหมวดหมู่ใด เช่น (disorder), (procedure)
 - **Synonym** คือ คำพ้องความหมายหรือคำเรียกอื่นที่มีความหมายตรงกับ concept นั้น โดยจะมี หนึ่งคำที่ถูกกำหนดให้เป็น **preferred term (PT)** ซึ่งเป็นคำหลักที่แนะนำให้ใช้สำหรับการ แสดงผล
3. **Relationship** คือความสัมพันธ์ระหว่าง concept ต่าง ๆ ความสัมพันธ์เป็นสิ่งที่ใช้บรรยายความหมาย ของ concept ต่าง ๆ ความสัมพันธ์แบ่งออกเป็น 2 ประเภท ได้แก่
 - **IS-A relationship** ใช้แสดงความสัมพันธ์ในลักษณะที่ concept หนึ่งเป็นชนิดย่อยของอีก concept หนึ่ง
 - **Attribute relationship** ใช้บรรยายรายละเอียดของ concept นั้น เช่น วิธีการทำหัตถการ ตำแหน่งทางกายวิภาค หรืออุปกรณ์ที่ใช้ เพื่อให้ระบบคอมพิวเตอร์สามารถประมวลผลความหมาย ของ concept ได้

โดยทั่วไป การอ้างถึง SNOMED CT concept มักใช้รูปแบบ “concept ID | FSN |” ตัวอย่างเช่น concept ที่มี concept ID คือ 22298006 และมี FSN คือ Myocardial infarction (disorder) สามารถเขียนให้อยู่ใน รูปแบบ “22298006 | Myocardial infarction (disorder) |”



รูปที่ 1 SNOMED CT component overview ภาพจาก SNOMED CT Starter Guide

ตัวอย่าง concept 80146002 | Excision of appendix (procedure) |

Parents

- Operation on appendix (procedure)
- Partial excision of large intestine (procedure)

Excision of appendix (procedure) ☆

SCTID: 80146002

80146002 | Excision of appendix (procedure) |

- en Excision of appendix (procedure)
- en Appendectomy
- en Excision of appendix
- en Appendectomy

Method → Excision - action

Procedure site - Direct → Appendix structure

Children (8)

- Appendectomy with drainage (procedure)
- Emergency appendectomy (procedure)
- Excision of appendiceal stump (procedure)
- Excision of ruptured appendix by open approach (procedure)
- Incidental excision of appendix (procedure)
- Interval appendectomy (procedure)
- Laparoscopic appendectomy (procedure)
- Non-emergency appendectomy (procedure)

รูปที่ 2 แสดง concept 80146002 | Excision of appendix (procedure) |

ภาพจาก SNOMED CT Browser (ณ วันที่ 1 มิ.ย. 69)

- **Concept:** ใช้ ID 80146002 สำหรับความคิดที่หมายถึงการผ่าตัดไส้ติ่งออกนี้
- **FSN Description:** ได้แก่ “Excision of appendix (procedure)” เป็นชื่อที่ใช้ระบุความหมายของ concept ให้มีความชัดเจนและไม่กำกวม จะเห็นได้ว่า FSN อาจไม่ใช่คำศัพท์ที่นิยมใช้บ่อยที่สุดในทาง

คลินิก แต่เป็นคำที่บรรยาย concept นั้น ๆ ได้อย่างครบถ้วนที่สุดตามกฎเกณฑ์ทางบรรณาธิการ (editorial rule) ของ SNOMED CT โดยคำว่า “(procedure)” ที่ต่อท้ายชื่อ คือ semantic tag ซึ่งใช้บ่งบอกว่า concept นี้จัดอยู่ในหมวดหัตถการ

- **Synonym description:** ได้แก่ Appendectomy, Excision of appendix, Appendicectomy
 - **ข้อสังเกต:** ในทุก concept จะมี synonym ที่ใช้คำเหมือน FSN ทุกอย่าง แต่ไม่มี semantic tag ในกรณีนี้คือ “Excision of appendix”
- **IS-A relationship:** เป็นความสัมพันธ์ที่ใช้แสดงลำดับชั้นของ concept โดย concept ที่มีความหมายเฉพาะเจาะจงกว่า จะจัดเป็นชนิดย่อย (subtype) ของ concept ที่มีความหมายกว้างกว่า ตัวอย่างเช่น 80146002 |Excision of appendix (procedure)| มี parent concept จำนวน 2 concept ได้แก่
 - 8613002 |Operation on appendix (procedure)|
 - 27010001 |Partial excision of large intestine (procedure)|
 ดังนั้น “Excision of appendix” จึงเป็นชนิดย่อยของทั้ง “Operation on appendix” และ “Partial excision of large intestine” ในทางกลับกัน concept นี้มี child concept จำนวน 8 concept ซึ่งเป็น concept ที่มีความหมายเฉพาะเจาะจงมากกว่าและอยู่ภายใต้ “Excision of appendix”
- **Attribute relationship:** เป็นความสัมพันธ์ที่ใช้ระบุคุณลักษณะสำคัญของ concept เพื่ออธิบายความหมายเชิงตรรกะของ concept นั้นให้มีความชัดเจนยิ่งขึ้น

สำหรับ 80146002 |Excision of appendix (procedure)| มี Attribute สำคัญ ได้แก่

 - Method = 129304002 |Excision - action (qualifier value)|
 - Procedure site - Direct = 66754008 |Appendix structure (body structure)|

ความสัมพันธ์ดังกล่าวช่วยระบุว่า concept นี้หมายถึง การตัดออก (excision) ที่กระทำโดยตรงต่อโครงสร้างไส้ติ่ง (appendix structure) ซึ่งช่วยให้ระบบคอมพิวเตอร์สามารถประมวลผลและตีความความหมายของหัตถการ “Excision of appendix” ได้

 - **หมายเหตุ:** ในบาง attribute อาจมีการอธิบายความหมายของ attribute นั้นไว้ใน description ของ attribute concept นั้น แต่ส่วนใหญ่มักต้องอ่านเพิ่มเติมในกฎเกณฑ์ทางบรรณาธิการ (editorial rule) ของ SNOMED CT

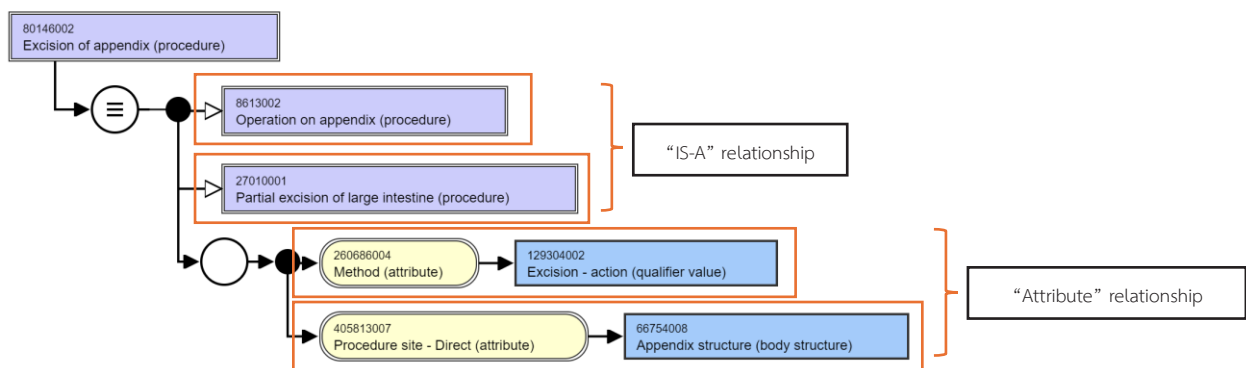
การสร้าง concept, description และ relationship ทั้งหมดต้องเป็นไปตามกฎเกณฑ์ทางบรรณาธิการ (editorial rule) ของ SNOMED CT อย่างไรก็ตาม องค์ความรู้ทางการแพทย์มีการเปลี่ยนแปลงอยู่ตลอดเวลา ส่งผลให้กฎเกณฑ์ทางบรรณาธิการต้องได้รับการปรับปรุงอย่างต่อเนื่องเช่นกัน ทว่าการปรับปรุงเนื้อหาใน SNOMED CT อาจไม่สามารถดำเนินการได้ทันต่อการเปลี่ยนแปลงดังกล่าว ในบางครั้งผู้ใช้อาจพบเนื้อหาที่ไม่สอดคล้องกับกฎเกณฑ์ฉบับล่าสุด เช่น อาจพบการใช้ attribute ที่ยกเลิกการใช้งานไปแล้ว เป็นต้น

1.2. หลักการพิจารณา concept โดยทั่วไป

โดยทั่วไป การพิจารณา concept ของ SNOMED CT สามารถเริ่มต้นจากการพิจารณา description ของ concept นั้น โดยเฉพาะ Fully Specified Name (FSN) ซึ่งมีระบุความหมายของ concept ได้ อย่างชัดเจนและไม่กำกวม หากผู้ใช้งานพิจารณา FSN ร่วมกับ description อื่น ๆ แล้วสามารถทำความเข้าใจ ความหมายของ concept ได้อย่างครบถ้วน ก็สามารถใช้ concept นั้นได้

อย่างไรก็ตาม ในบางกรณี description เพียงอย่างเดียวอาจไม่เพียงพอต่อการทำความเข้าใจความหมาย ของ concept ได้อย่างครบถ้วน ผู้ใช้งานจึงควรพิจารณารายละเอียดการนิยาม concept เพิ่มเติมจาก ความสัมพันธ์ (relationship) ที่มีต่อ concept อื่น เช่น ความสัมพันธ์แบบ IS-A หรือ attribute ต่าง ๆ ที่ใช้ ประกอบการบรรยายความหมาย

หากใช้งานผ่าน SNOMED CT Browser ผู้ใช้จะสามารถตรวจสอบรายละเอียดของ concept ได้จาก หลายมุมมอง เช่น Summary, Details, Diagram และ Expression ซึ่งแต่ละมุมมองจะแสดงข้อมูลในรูปแบบที่ แตกต่างกัน โดยหน้า Diagram จะนำเสนอข้อมูลในรูปแบบแผนภาพ ซึ่งจะให้เห็นโครงสร้างความสัมพันธ์และ attribute ของ concept ได้ชัดเจน จึงเหมาะสำหรับใช้ประกอบการทำความเข้าใจรายละเอียดของ concept โดยเฉพาะเมื่อต้องการพิจารณาว่า concept นั้นถูกนิยามด้วย attribute ไตบ้าง และแต่ละ attribute เชื่อมโยง กับ concept ไต



รูปที่ 3 ภาพจาก SNOMED CT Browser หน้า Diagram (ณ วันที่ 1 มิ.ย. 69)

1.3. ความหมายของ Attribute

concept ในหมวดหัตถการ (procedure) มี attribute หลายชนิด โดยหัตถการแต่ละกลุ่มอาจใช้ attribute แตกต่างกันตามองค์ประกอบของหัตถการ ในที่นี้จึงแบ่งหัตถการออกเป็น 4 กลุ่ม เพื่ออธิบาย attribute ที่เกี่ยวข้องในแต่ละกลุ่ม ดังนี้

1. Procedure โดยทั่วไป
2. Evaluation procedure
3. Surgical procedure
4. Administration via specific route

โดยกลุ่มที่ 1 เป็น procedure โดยทั่วไป ซึ่งประกอบด้วย attribute พื้นฐานที่สามารถพบร่วมกับ procedure กลุ่มอื่น ๆ ได้ ส่วนกลุ่มที่เหลือจะมีการใช้ attribute เพิ่มเติมตามลักษณะเฉพาะของหัตถการ เพื่อช่วยให้ความหมายของ concept มีความชัดเจนและเฉพาะเจาะจงมากยิ่งขึ้น สำหรับ procedure ที่เกี่ยวข้องกับ endoscopic surgery การใช้ attribute จะแตกต่างกันไปตามลักษณะและองค์ประกอบของแต่ละหัตถการ

1. Procedure โดยทั่วไป มี attribute ทั้งหมด 22 ชนิด ดังนี้

Attribute	ความหมาย	ตัวอย่าง
Access	วิธีการในการเข้าทำหัตถการนั้น ๆ เช่น open, closed, percutaneous	“174572001 Open removal of bile duct stent (procedure) ” มี Access เป็น “129236007 Open approach - access (qualifier value) ”
Direct device	อุปกรณ์ที่หัตถการนั้น ๆ กระทำใส่โดยตรง	“431698006 Adjustment of gastric banding using fluoroscopic guidance (procedure) ” มี Direct device เป็น “360221003 Surgical band (physical object) ”
Direct morphology	ชนิดของพยาธิสภาพที่หัตถการนั้น ๆ กระทำใส่โดยตรง	“31512000 Shaving of benign lesion with chemical cauterization (procedure) ” มี Direct morphology เป็น “52988006 Lesion (morphologic abnormality) ”
Direct substance	สารเคมีหรือผลิตภัณฑ์ยาที่หัตถการนั้น ๆ กระทำใส่โดยตรง	“231274008 Injection of steroid into joint (procedure) ” มี Direct substance เป็น “116566001 Steroid (substance) ”
Has focus	สิ่งที่ตรวจพบ (finding) หรือหัตถการอื่น ๆ ที่เป็นจุดสนใจของหัตถการนี้	“385941006 Wound care assessment (procedure) ” มี Has focus เป็น “225358003 Wound care (regime/therapy) ” หรืออีกตัวอย่าง

Attribute	ความหมาย	ตัวอย่าง
		“838351000000107 Education about risk of malignant neoplasm of breast (procedure) ” มี Has focus เป็น “254837009 Malignant neoplasm of breast (disorder) ”
Has intent	ใช้ระบุในกรณีที่หัตถการนั้น ๆ สามารถมีวัตถุประสงค์ได้หลายแบบ เช่น diagnostic, palliative, preventive, therapeutic, ฯลฯ	“274432006 Therapeutic aspiration of ovary (procedure) ” มี Has intent เป็น “262202000 Therapeutic intent (qualifier value) ” ส่วน “274389009 Diagnostic aspiration of ovary (procedure) ” มี Has intent เป็น “261004008 Diagnostic intent (qualifier value) ”
Indirect device	หัตถการนั้น ๆ เกิดขึ้นบนอุปกรณ์นั้น แต่ไม่ได้กระทำใส่อุปกรณ์นั้นโดยตรง	“232762008 Excision of vegetations from implanted mitral valve (procedure) ” มี Indirect device เป็น “17107009 Mitral valve prosthesis (physical object) ”
Indirect morphology	หัตถการนั้น ๆ เกิดขึ้นบนพยาธิสภาพนั้น แต่ไม่ได้กระทำใส่พยาธิสภาพโดยตรง	“404205006 Removal of mesh from wound (procedure) ” มี Indirect morphology เป็น “13924000 Wound (morphologic abnormality) ”
Method	การกระทำที่ได้กระทำเพื่อให้เกิดหัตถการนั้น ๆ	“10255001 Incision of ureter (procedure) ” มี Method เป็น “129287005 Incision - action (qualifier value) ”
Occurrence	ใช้ระบุช่วงชีวิตที่ได้ทำหัตถการนั้น	“386411007 Resuscitation of fetus (procedure) ” มี Occurrence เป็น “303112003 Fetal period (qualifier value) ” หรืออีกตัวอย่าง “35683002 Phototherapy of newborn (procedure) ” มี Occurrence เป็น “255407002 Neonatal (qualifier value) ”
Priority	ใช้ระบุกรณีที่หัตถการนั้น ๆ สามารถกระทำได้ในหลายระดับความเร่งด่วน	“177141003 Elective cesarean section (procedure) ” มี Priority เป็น “103390000 Elective (qualifier value) ” ส่วน “274130007 Emergency cesarean section (procedure) ” มี Priority เป็น “25876001 Emergency (qualifier value) ”

Attribute	ความหมาย	ตัวอย่าง
Procedure device	อุปกรณ์ที่เกี่ยวข้องกับหัตถการนั้น ๆ ใช้ใน concept ที่มีเพื่อจัดกลุ่มเป็นหลัก concept ที่เป็นรายละเอียดจะใช้ concept ที่ละเอียดกว่า เช่น Direct device, Indirect device, ฯลฯ	“276272002 Catheter procedure (procedure) ” มี Procedure device เป็น “19923001 Catheter, device (physical object) ”
Procedure morphology	พยาธิสภาพที่เกี่ยวข้องกับหัตถการนั้น ๆ ใช้ใน concept ที่มีเพื่อจัดกลุ่มเป็นหลัก	“442460002 Procedure on wound (procedure) ” มี Procedure morphology เป็น “13924000 Wound (morphologic abnormality) ”
Procedure site	ตำแหน่งที่เกี่ยวข้องกับหัตถการนั้น ๆ ใช้ใน concept ที่มีเพื่อจัดกลุ่มเป็นหลัก	“118698009 Procedure on abdomen (procedure) ” มี Procedure site เป็น “818982008 Structure of abdominopelvic cross-sectional segment of trunk (body structure) ”
Procedure site – Direct	ตำแหน่งที่เป็นเป้าหมายโดยตรงของ หัตถการนั้น ๆ	“80146002 Excision of appendix (procedure) ” มี Procedure site – Direct เป็น “66754008 Appendix structure (body structure) ” หรืออีก ตัวอย่าง “241549007 Computed tomography of liver (procedure) ” มี Procedure site – Direct เป็น “10200004 Liver structure (body structure) ”
Procedure site – Indirect	ตำแหน่งที่เกี่ยวข้องกับหัตถการ แต่ไม่ใช่ เป้าหมายโดยตรง	“371005009 Removal of calculus of urinary bladder (procedure) ” มี Procedure site – Indirect เป็น “89837001 Urinary bladder structure (body structure) ”
Recipient category	ใช้กับ concept ที่ต้องการระบุผู้ให้/ผู้รับ ที่เกี่ยวข้องกับหัตถการนั้น	“175911000 Live donor nephrectomy (procedure) ” มี Recipient category เป็น “718723009 Live donor of kidney (person) ” หรืออีกตัวอย่าง “1268963001 Group consultation (procedure) ” มี Recipient category เป็น “389109008 Group (social concept) ”
Revision status	ใช้กับหัตถการที่ต้องการระบุสถานะการ revision หรือทำซ้ำ	“128323000 Revision of implant (procedure) ” มี Revision status เป็น “255231005 Revision - value (qualifier value) ” หรืออีกตัวอย่าง “301050003 Primary closed reduction of fracture dislocation (procedure) ” มี Revision

Attribute	ความหมาย	ตัวอย่าง
		status เป็น “261424001 Primary operation (qualifier value) ”
Using access device	อุปกรณ์ที่ใช้ในการเข้าถึงตำแหน่งที่ต้องการเพื่อทำการหัตถการ	“446745002 Colonoscopy and biopsy of colon (procedure) ” มี Using access device เป็น “90412006 Colonoscope, device (physical object) ”
Using device	อุปกรณ์ที่ใช้เพื่อกระทำหัตถการนั้น ๆ	“446745002 Colonoscopy and biopsy of colon (procedure) ” มี Using device เป็น “90412006 Colonoscope, device (physical object) ” (ทั้ง Using access device และ Using device ใช้ colonoscope ทั้งคู่)
Using energy	พลังงานที่ใช้เพื่อกระทำหัตถการนั้น ๆ	“65952009 Gamma ray therapy (procedure) ” มี Using energy เป็น “76772003 Gamma radiation (physical force) ”
Using substance	สารเคมีที่ใช้เพื่อกระทำหัตถการนั้น ๆ	“285754008 Contrast radiography of esophagus (procedure) ” มี Using substance เป็น “385420005 Contrast media (substance) ”

2. Evaluation procedure มี attribute เพิ่มมาจาก procedure โดยทั่วไป 6 ชนิด ดังนี้

Attribute	ความหมาย	ตัวอย่าง
Component	องค์ประกอบที่ได้รับการตรวจวัดหรือสังเกตโดยหัตถการนั้น ๆ	“442165003 Quantitative measurement of polychlorinated biphenyl in blood specimen using gas chromatography (procedure) ” มี Component เป็น “42001007 Polychlorinated biphenyl (substance) ”
Has specimen	สิ่งส่งตรวจของการตรวจนั้น ๆ	“442165003 Quantitative measurement of polychlorinated biphenyl in blood specimen using gas chromatography (procedure) ” มี Has specimen เป็น “119297000 Blood specimen (specimen) ”
Measurement method	วิธีในการวัดของการตรวจนั้น ๆ	“442165003 Quantitative measurement of polychlorinated biphenyl in blood specimen using gas chromatography (procedure) ” มี Measurement method เป็น “2842000 Gas chromatography measurement (procedure) ”

Attribute	ความหมาย	ตัวอย่าง
Property	คุณลักษณะที่ได้รับการตรวจวัดหรือสังเกตโดยหัตถการนั้น ๆ	“19165008 Measurement of limb length (procedure) ” มี Property เป็น “410668003 Length property (qualifier value) ”
Scale type	ชนิดของการวัด	“442165003 Quantitative measurement of polychlorinated biphenyl in blood specimen using gas chromatography (procedure) ” มี Scale type เป็น “30766002 Quantitative (qualifier value) ”
Time aspect	รายละเอียดด้านเวลาของการตรวจวัดนั้น ๆ เป็น attribute ใหม่ที่แนวทางการใช้ยังไม่ชัดเจนนัก	-

3. Surgical procedure มี attribute เพิ่มมาจาก procedure โดยทั่วไป 1 ชนิด ดังนี้

Attribute	ความหมาย	ตัวอย่าง
Surgical approach	ทิศทางหรือแนวทางในการเข้าทำหัตถการ	“172883004 Intranasal ethmoidectomy (procedure) ” มี Surgical approach เป็น “260617000 Intranasal approach (qualifier value) ”

4. Administration via specific route มี attribute เพิ่มมาจาก procedure โดยทั่วไป 1 ชนิด ดังนี้

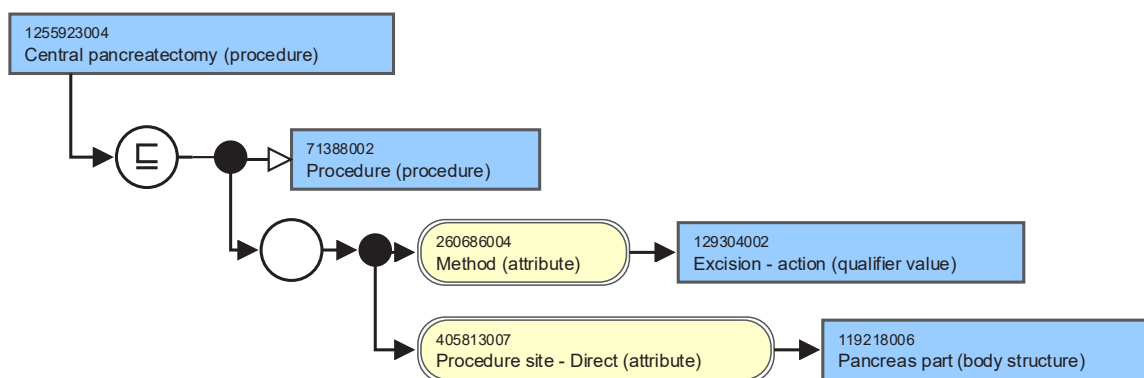
Attribute	ความหมาย	ตัวอย่าง
Route of administration	วิธีในการบริหารยา/สารเคมี สำหรับหัตถการนั้น ๆ	“410572008 Injection of steroid via intravitreal route (procedure) ” มี Route of administration เป็น “418401004 Intravitreal route (qualifier value) ”

1.4. Defined และ Primitive Concept

หลักการอีกประการหนึ่งในการทำความเข้าใจความหมายของ SNOMED CT concept คือ สถานะการบรรยายความหมาย (definitional status) ซึ่งใช้ระบุลักษณะของการนิยาม concept ในเชิงตรรกะสำหรับ concept หนึ่ง ๆ โดยแบ่งออกเป็น 2 ประเภท ได้แก่

- **defined concept:** concept ที่มีการระบุความสัมพันธ์และคุณลักษณะต่าง ๆ เพียงพอที่จะใช้กำหนดความหมายและจำแนก concept นั้นออกจาก concept อื่นได้โดยสมบูรณ์ หาก defined concept หนึ่งมี attribute ชุดหนึ่ง จะไม่มี defined concept อื่นใดที่มี attribute เหมือนกัน 100% กับกลุ่มนี้
- **primitive concept:** concept ที่มีการระบุความสัมพันธ์และคุณลักษณะต่าง ๆ ของ concept แต่ยังไม่เพียงพอที่จะใช้บรรยายความหมายของ concept นั้นได้อย่างสมบูรณ์ หลาย primitive concept อาจมีชุดของ attribute ที่เหมือนกันได้ และ primitive concept อาจมี attribute เหมือน defined concept ได้เช่นกัน

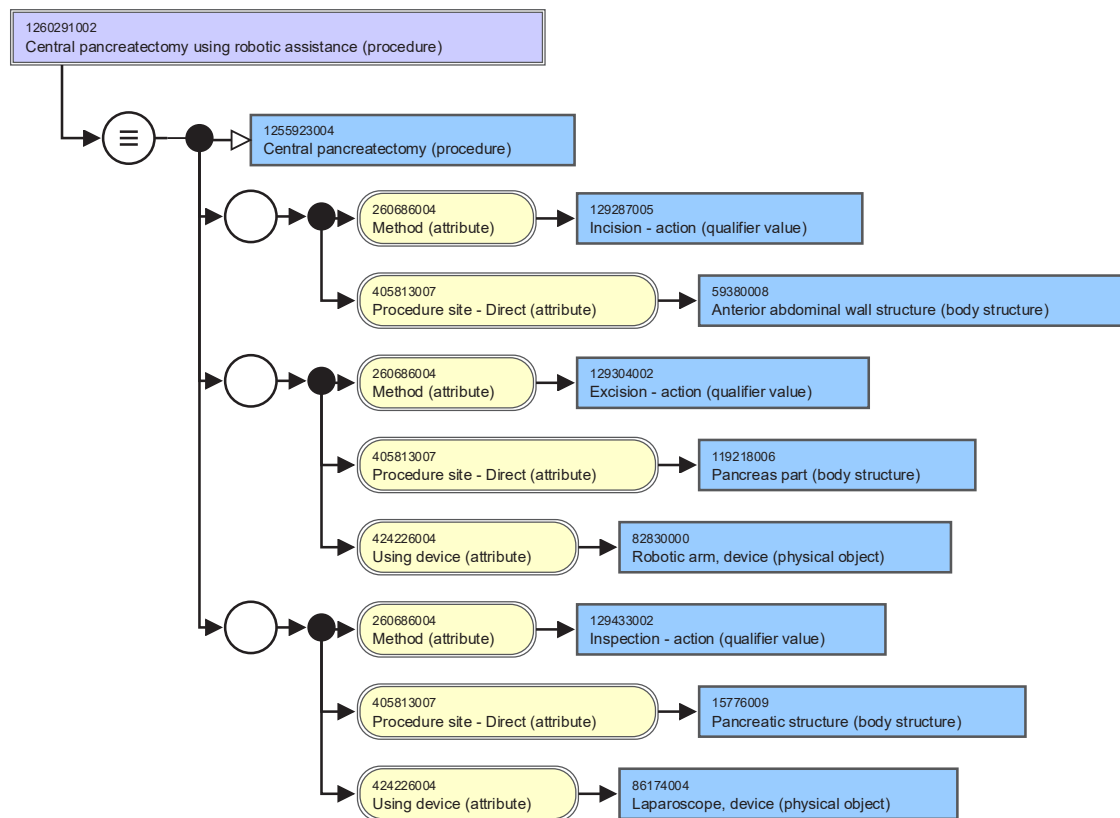
ตัวอย่างเช่น 1255923004 |Central pancreatectomy (procedure)| เมื่อพิจารณาใน **stated view** ของ SNOMED CT browser จะพบว่า concept นี้มี attribute 2 ชนิด ได้แก่ 1) Method เป็น “Excision – action” และ 2) Procedure site - Direct เป็นส่วนหนึ่งของโครงสร้างตับอ่อน (pancreas part) ความสัมพันธ์ดังกล่าวสามารถใช้บรรยายได้ว่า concept นี้คือหัตถการตัดตับอ่อนออกบางส่วน แต่ยังไม่มีความสัมพันธ์ใดที่สื่อความหมายถึงคำว่า “central” หรือระบุว่าบริเวณที่ตัดออกคือส่วนกลางของตับอ่อน ดังนั้นการบรรยาย concept นี้จึงยังไม่เพียงพอที่จะกำหนดความหมายทั้งหมดของ central pancreatectomy ได้ concept นี้จึงมี definitional status เป็น **primitive concept**



รูปที่ 4 ภาพจาก SNOMED CT Browser (ณ วันที่ 1 มิ.ย. 69) ในรูปแบบ stated view

ในทางกลับกันหากพิจารณา 1260291002 |Central pancreatectomy using robotic assistance (procedure)| จะพบว่า concept นี้มี IS-A relationship เชื่อมโยงไปยัง 1255923004 |Central pancreatectomy (procedure)| ซึ่งทำให้ทราบได้ว่า concept นี้เป็น *central pancreatectomy* ชนิดหนึ่ง

จากนั้น concept นี้จึงเพิ่มรายละเอียดเฉพาะเพิ่มเติมเกี่ยวกับ การใช้หุ่นยนต์ช่วยในการผ่าตัด (robotic assistance) ผ่าน attribute ที่เกี่ยวข้อง ดังนั้น เมื่อพิจารณาความสัมพันธ์ทั้งหมดร่วมกันแล้ว จึงสามารถสรุปได้ว่าความสัมพันธ์ต่าง ๆ ของ concept ได้บรรยายคำใน FSN ครบถ้วนแล้ว (central pancreatectomy ที่มีการใช้หุ่นยนต์ช่วยผ่าตัด) concept นี้จึงมี definitional status เป็น **defined concept**



รูปที่ 5 ภาพจาก SNOMED CT Browser (ณ วันที่ 1 มิ.ย. 69) ในรูปแบบ stated view

อย่างไรก็ตาม การกำหนด definitional status มีรายละเอียดและหลักเกณฑ์เฉพาะค่อนข้างมาก ซึ่งอาจไม่จำเป็นต่อการใช้งาน SNOMED CT สำหรับผู้ใช้ทั่วไป เอกสารฉบับนี้จึงกล่าวถึงเฉพาะหลักการพื้นฐานที่จำเป็นต่อการทำความเข้าใจ concept เท่านั้น เหตุผลที่ต้องกล่าวถึงประเด็นนี้ เนื่องจากผู้ใช้อาจพบว่า concept บางรายการมี relationship หรือ attribute ที่แสดงอยู่ยังไม่ครอบคลุมรายละเอียดทั้งหมดตามที่ปรากฏใน FSN ซึ่งเป็นลักษณะที่พบได้ใน SNOMED CT และไม่ได้หมายความว่า concept นั้นไม่สมบูรณ์หรือไม่สามารถนำไปใช้งานได้ โดย concept เหล่านี้ยังคงสามารถใช้เพื่อการบันทึก การอ้างอิง และการแลกเปลี่ยนข้อมูลได้ตามปกติ

สำหรับการตรวจสอบว่า Concept เป็น **defined concept** หรือ **primitive concept** หากใช้งานผ่าน **SNOMED CT Browser** สามารถสังเกตได้จากสัญลักษณ์วงรีสีเหลืองที่แสดงอยู่ด้านหน้าชื่อของแต่ละ Concept ดังนี้

- **Defined concept** — มีเงื่อนไขเชิงตรรกะที่เพียงพอสำหรับการกำหนด Concept
- **Primitive concept** — มีเฉพาะเงื่อนไขที่จำเป็น แต่ยังไม่เพียงพอสำหรับการกำหนด Concept อย่างสมบูรณ์

1.5. ตัวอย่างการพิจารณา SNOMED CT concept

ตัวอย่าง concept “447422004 | Laparoscopic excision of stricture of ureter by retroperitoneal approach (procedure) |” concept นี้เป็น defined concept ซึ่งมีการบรรยาย concept ดังนี้

The screenshot displays the SNOMED CT Browser interface for the concept "Laparoscopic excision of stricture of ureter by retroperitoneal approach (procedure)" (SCTID: 447422004). The interface is divided into two main sections: "Parents" and "Definitions".

Parents: The parent concept is "Laparoscopic excision of stricture of ureter (procedure)".

Definitions: The concept is defined by three logical definitions (en):

- Method → Excision - action
Procedure site - Direct → Ureteric structure
Direct morphology → Stricture
Procedure approach → Retroperitoneal approach
- Method → Inspection - action
Procedure site - Direct → Structure of abdominopelvic cavity and/or content of abdominopelvic cavity and/or anterior abdominal wall
Using device → Laparoscope, device
- Method → Incision - action
Procedure site - Direct → Anterior abdominal wall structure

รูปที่ 6 ภาพจาก SNOMED CT Browser (ณ วันที่ 1 มิ.ย. 69)

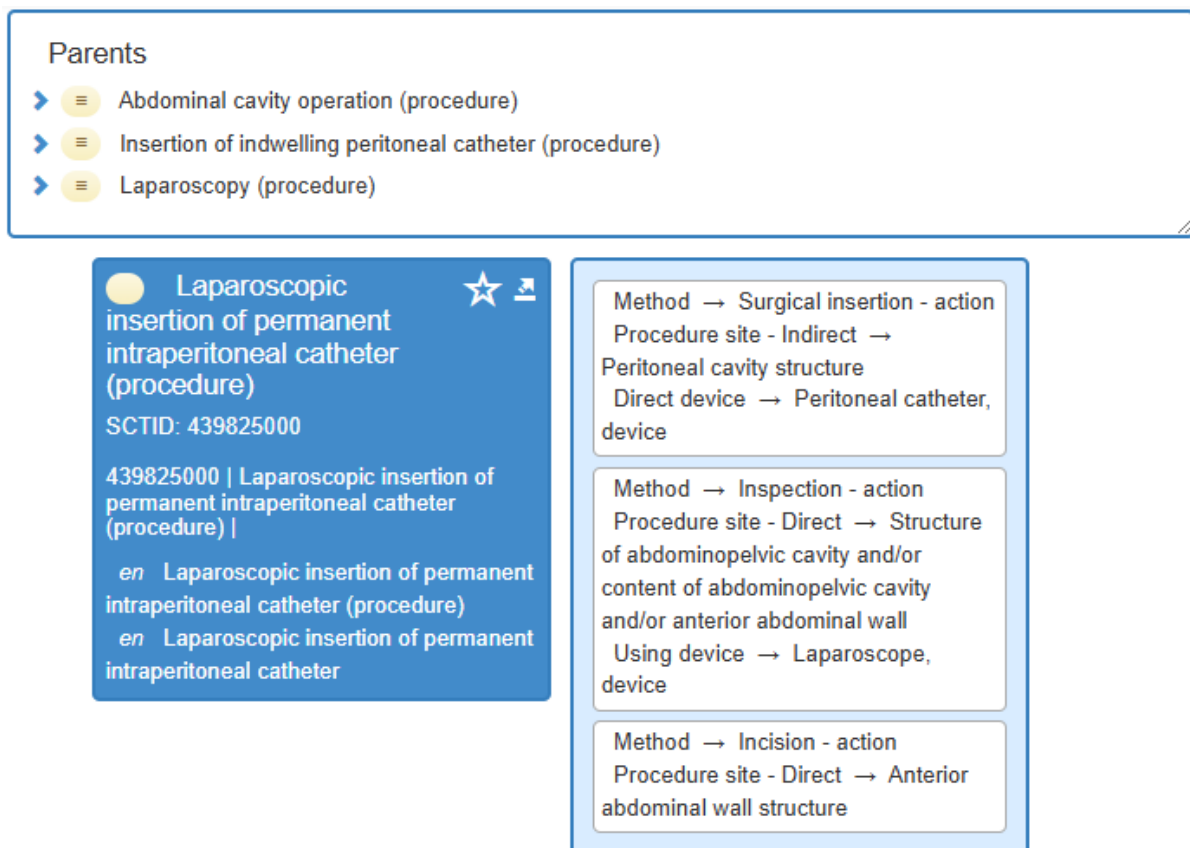
โดยรวมแล้ว FSN ของ concept นี้สามารถสื่อความหมายของ concept ได้ค่อนข้างชัดเจนอยู่แล้ว โดยไม่จำเป็นต้องพิจารณา relationship เพิ่มเติม อย่างไรก็ตาม หากต้องการทำความเข้าใจรายละเอียดของการบรรยายเชิงตรรกะ (logical definition) สามารถพิจารณาได้ดังนี้

Laparoscopic excision of stricture of ureter by retroperitoneal approach

- เป็นชนิดย่อย (IS-A subtype) ของ “Laparoscopic excision of stricture of ureter (procedure)”
- มี Method เป็น “Excision - action” โดยกระทำโดยตรงต่อพยาธิสภาพชนิด “Stricture” ที่ตำแหน่ง “Ureteric structure” และใช้ “Retroperitoneal approach” เป็นแนวทางการเข้าถึง

- มี Method เป็น “Inspection - action” ที่ตำแหน่ง “Structure of abdominopelvic cavity and/or content of abdominopelvic cavity and/or anterior abdominal wall” โดยใช้อุปกรณ์ “Laparoscope, device”
- มี Method เป็น “Incision - action” ที่ตำแหน่ง “Anterior abdominal wall structure”

หรืออีกตัวอย่างหนึ่ง หากพิจารณา 439825000 | Laparoscopic insertion of permanent intraperitoneal catheter (procedure) | ซึ่งเป็น primitive concept



รูปที่ 7 ภาพจาก SNOMED CT Browser (ณ วันที่ 1 มิ.ย. 69)

กล่าวคือ Laparoscopic insertion of permanent intraperitoneal catheter มีความสัมพันธ์สำคัญดังนี้

- เป็นชนิดย่อย (IS-A subtype) ของ “Abdominal cavity operation (procedure)”, “Catheterization (procedure)”, “Laparoscopy (procedure)” และ “Procedure on peritoneal sac (procedure)”
- มี Method เป็น “Surgical insertion - action” โดยมีตำแหน่งที่เกี่ยวข้องคือ “Peritoneal cavity structure” ซึ่งในกรณีนี้ไม่ได้เป็นโครงสร้างที่ถูกกระทำโดยตรง และมีการใช้ “Peritoneal catheter, device” เป็นอุปกรณ์ที่เกี่ยวข้องกับการทำหัตถการโดยตรง

- มี Method เป็น “Inspection - action” ที่ตำแหน่ง “Structure of abdominopelvic cavity and/or content of abdominopelvic cavity and/or anterior abdominal wall” โดยใช้อุปกรณ์ “Laparoscope, device”
- มี Method เป็น “Incision – action” ที่ตำแหน่ง “Anterior abdominal wall structure”

อย่างไรก็ตาม เมื่อพิจารณา relationship ทั้งหมดแล้ว จะเห็นว่ายังไม่มี attribute relationship ใดที่แสดงความหมายของคำว่า “permanent” ซึ่งปรากฏอยู่ใน FSN ของ concept นี้ กล่าวคือความสัมพันธ์ต่าง ๆ ที่ระบุไว้ยังไม่สามารถกำหนดความหมายของ concept ได้ครบถ้วนตาม FSN ดังนั้น concept นี้จึงมี definitional status เป็น **primitive concept**

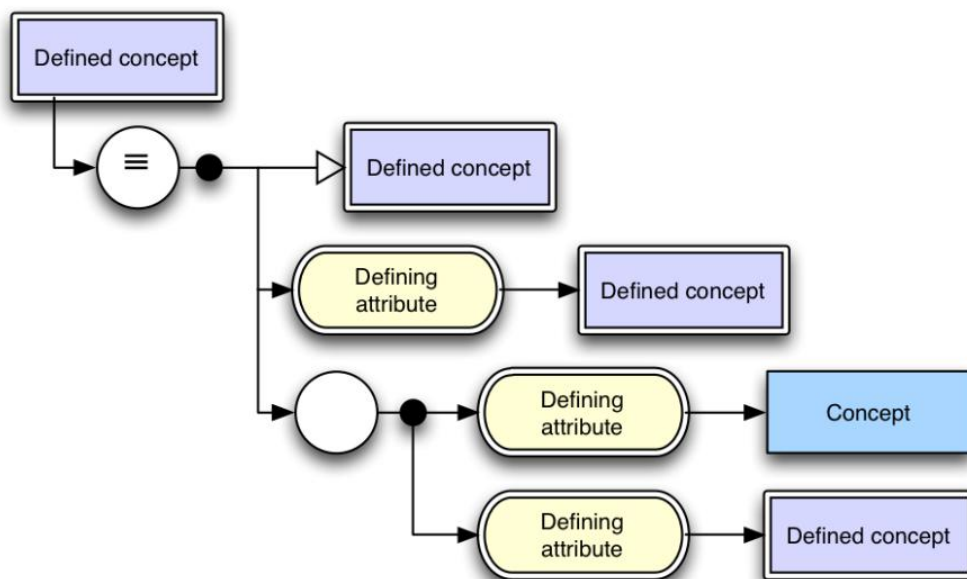
2

ความหมายของ สัญลักษณ์ต่าง ๆ ในแผนภาพ



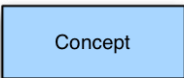
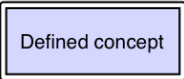
ความหมายของสัญลักษณ์ต่าง ๆ ในแผนภาพ

โดยปกติแล้วแผนภาพจะมีลักษณะดังนี้



รูปที่ 8 ภาพจาก SNOMED CT Diagramming Guideline

โดยแต่ละส่วนมีความหมายดังนี้

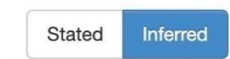
สัญลักษณ์	ความหมาย
	Primitive concept หรือ concept ที่ relationship ต่าง ๆ ยังไม่สามารถบรรยาย FSN ได้ครบถ้วน
	Defined concept หรือ concept ที่ relationship ต่าง ๆ ใน concept นั้นสามารถบรรยายความหมายของ FSN ได้ครบถ้วน
	Attribute คือ concept ที่ใช้บรรยาย concept หนึ่ง โดยใช้ relationship กับ concept อื่น (ใช้ในการสร้าง attribute relationship) เช่น 363698007 Finding site (attribute) ใช้บรรยายตำแหน่งที่เกิดโรค
	Equivalent คือการที่กลุ่มของข้อมูลที่อยู่ทางซ้ายของเครื่องหมาย มีค่าเท่าเทียมกับกลุ่มที่อยู่ทางขวา ใช้กับ concept ที่เป็น defined concept (กลุ่มทางขวา บรรยาย concept ทางซ้ายได้ครบถ้วน) จากตัวอย่างภาพด้านล่าง กลุ่มทางซ้าย มี concept เดียว คือ concept 95570007 Kidney stone (disorder) ส่วนกลุ่มทางขวาคือกลุ่มของ concept ที่เมื่อรวมกันแล้วมีความหมายเทียบเท่ากับ 95570007 Kidney stone (disorder) กล่าวคือ โรคที่เป็น (IS-A) kidney lesion และ urolithiasis ที่มี finding site ที่ kidney และมี associated morphology เป็น calculus ก็คือ kidney stone นั่นเอง

สัญลักษณ์	ความหมาย
	Subsumed by คือการที่กลุ่มของข้อมูลที่อยู่ทางซ้ายของเครื่องหมาย เป็น subset ของกลุ่มที่อยู่ทางขวา มักใช้กับ concept ที่เป็น primitive concept (กลุ่มทางขวา บรรยาย concept ทางซ้าย ได้ยังไม่ครบ แต่ concept ทางซ้ายเป็น subset ของกลุ่มทางขวา) จากตัวอย่างภาพด้านล่าง กลุ่มทางซ้ายคือ concept 275893001 Phosphate calculus of kidney (disorder) ส่วนกลุ่มทางขวา คือ โรคที่เป็น (IS-A) kidney stone ที่มี finding site เป็น kidney structure และมี associated morphology เป็น calculus ซึ่งจะเห็นได้ว่าในกลุ่มทางขวานี้ยังมีส่วนใดที่บ่งชี้ว่าเป็นนิ่วประเภท phosphate ดังนั้น จึงไม่สามารถถือได้ว่ากลุ่มทางซ้ายและกลุ่มทางขวานั้นเท่าเทียมกัน สามารถระบุได้เพียง Phosphate calculus of kidney เป็น subset ของกลุ่มทางขวา
	เป็นตัวระบุว่าเป็นจุดที่มี IS-A relationship ตัวแรก หรือเป็นจุดที่มีหลาย attribute relationship เชื่อมโยงกัน
	IS-A relationship
	Attribute relationship
	Attribute groups คือการจัดกลุ่มหลาย attribute ไว้ด้วยกันเพื่อสื่อความหมายถึงความเกี่ยวข้องกัน เช่น finding site กับ associated morphology เพื่อสื่อว่า morphology ที่ระบุขึ้นพบที่อวัยวะนั้น ๆ การจัดกลุ่มเหล่านี้จะเป็นไปตามกฎเกณฑ์ทางบรรณาธิการ (editorial rule) ของ SNOMED CT

ในการพิจารณาเนื้อหา SNOMED CT concept ใด ๆ สามารถพิจารณาได้ 2 มุมมอง คือ

1. **Stated view:** การบรรยาย concept นั้น ๆ ตามที่ผู้สร้าง concept นั้น ๆ กำหนดไว้
2. **Inferred view:** การบรรยาย concept นั้น ๆ โดยใช้ระบบมาอนุมานความสัมพันธ์แบบ IS-A ระหว่าง concept ต่าง ๆ

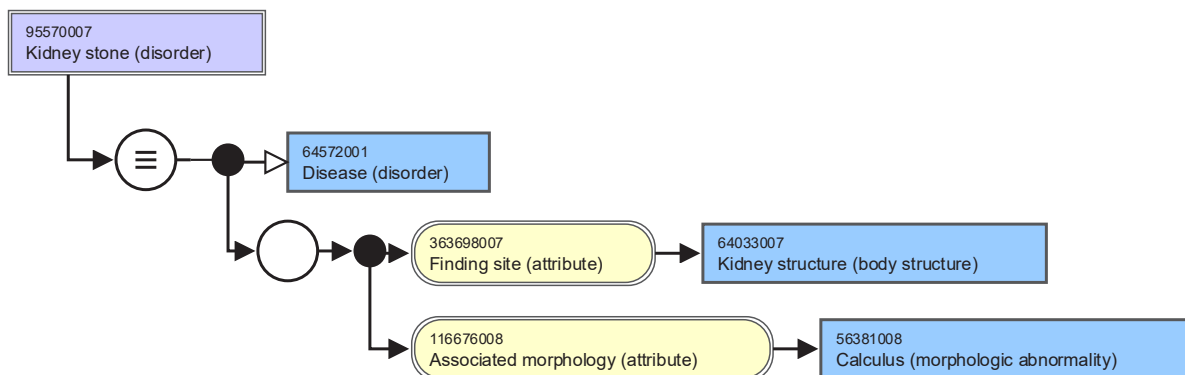
การพิจารณามุมมองใน SNOMED CT Browser สามารถเลือกได้ที่ปุ่ม Stated และ Inferred ที่มุมขวาบน



สำหรับผู้ทั่วไป การพิจารณา concept ใน **Inferred view** มักสะดวกต่อการใช้งานมากกว่า เนื่องจากแสดงความสัมพันธ์ที่ผ่านการอนุมานและจัดลำดับชั้นแล้ว โดยอัตโนมัติจากระบบคอมพิวเตอร์ อย่างไรก็ตาม หากต้องการทำความเข้าใจโครงสร้างการนิยามของ concept ในรายละเอียดมากขึ้น อาจพิจารณา **Stated view** ร่วมด้วย เพื่อดูว่า concept นั้นสร้างขึ้นโดยการนิยามอย่างไร

ทั้งนี้ ความแตกต่างระหว่าง stated view และ inferred view ถือเป็นรายละเอียดเชิงเทคนิคของ SNOMED CT ซึ่งผู้ทั่วไปอาจไม่จำเป็นต้องทำความเข้าใจในระดับลึก (เช่นเดียวกับเรื่อง **defined concept** และ **primitive concept**) อย่างไรก็ตาม เอกสารฉบับนี้ยังคงนำเสนอหลักการพื้นฐานดังกล่าวไว้ เพื่อเป็นข้อมูลประกอบสำหรับผู้ที่ต้องการศึกษารายละเอียดของ SNOMED CT เพิ่มเติม

ยกตัวอย่างเช่น 95570007 | Kidney stone (disorder) | หากดูเป็น stated view จะได้ดังนี้

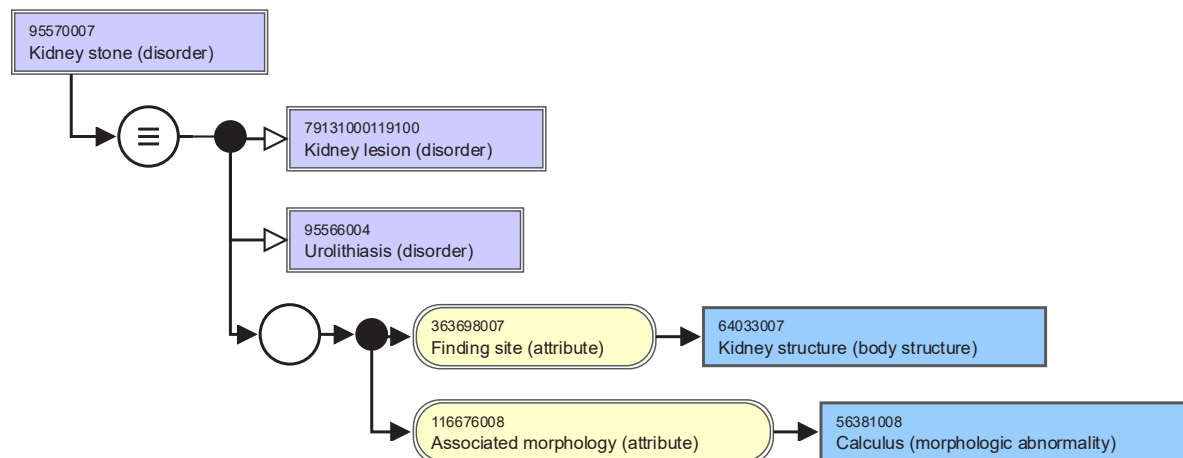


รูปที่ 9 แสดง concept 95570007 | Kidney stone (disorder) | แบบ stated view

ภาพจาก SNOMED CT Browser (ณ วันที่ 1 มิ.ย. 69)

จะเห็นว่า ในการสร้าง concept นี้ ผู้สร้างบรรยาย kidney stone ไว้คือ เป็นโรค (disease) ที่มี finding site ที่ “อวัยวะไต (kidney structure)” และมี morphology ที่เกี่ยวข้องเป็น “calculus” หรืออธิบายเป็นภาษาพูดก็คือ “นิ่วในไต คือ โรคที่มี calculus ที่ไต”

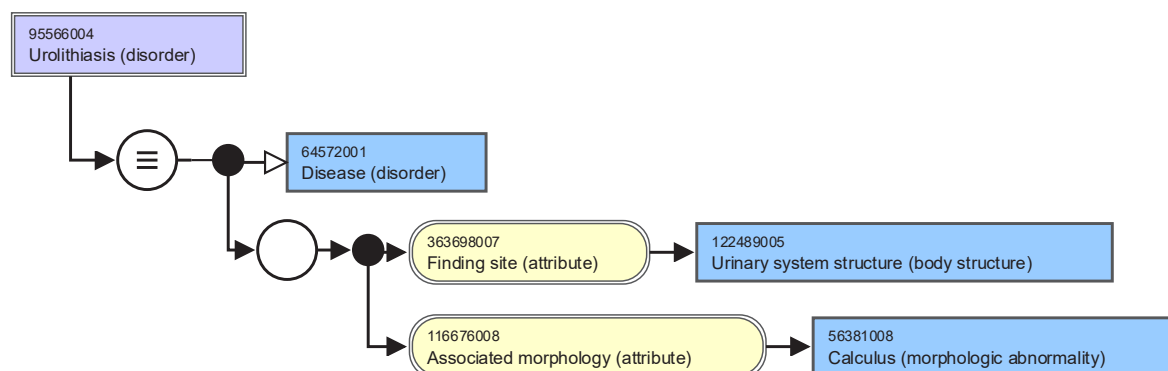
แต่หากดูที่ Inferred view จะได้ดังนี้



รูปที่ 10 แสดง concept 95570007 | Kidney stone (disorder) | แบบ inferred view

ภาพจาก SNOMED CT Browser (ณ วันที่ 1 มิ.ย. 69)

จะเห็นได้ว่ามี IS-A relationship ระหว่าง “kidney stone” ไปยัง “kidney lesion” และ “urolithiasis” เพิ่มขึ้นมา ซึ่งทั้งสอง relationship นี้เกิดจากระบบคำนวณและอนุมานขึ้นมาโดยใช้ attribute ต่าง ๆ ที่ concept เหล่านั้นบรรยาย เช่นหากไปดูที่ stated view ของ 95566004 | Urolithiasis (disorder) | ต่อ จะพบดังนี้



รูปที่ 11 แสดง concept 95566004 | Urolithiasis (disorder) |

ภาพจาก SNOMED CT Browser (ณ วันที่ 1 มิ.ย. 69)

จะเห็นได้ว่าคล้ายกับ 95570007 | Kidney stone (disorder) | มาก (รูปที่ 9) ต่างกันที่ finding site เท่านั้น คือของ Urolithiasis ซึ่งไปยัง urinary system ซึ่งเป็นคำที่กว้างกว่า kidney structure ดังนั้น เมื่อระบบไปคำนวณออกมา จึงได้ IS-A relationship ว่า kidney stone เป็น urolithiasis ประเภทหนึ่ง



เนื้อหา SNOMED CT Concept ในเอกสารนี้



เนื้อหาที่นำเสนอในเอกสารฉบับนี้ได้จากการคัดเลือก concept ใน SNOMED CT โดยใช้ Expression Constraint Language (ECL) เพื่อกำหนดขอบเขตของชุดข้อมูลที่เกี่ยวข้องกับหัตถการที่ใช้กล้องหรืออุปกรณ์ประเภท scope/camera โดยใช้คำสั่งดังต่อไปนี้

```
(< 71388002 |Procedure (procedure)| :
  << 405815000 |Procedure device (attribute)| =
  << 105794008 |Scope/camera, device (physical object)|,
  [1..*] << 363704007 |Procedure site (attribute)| = *)
```

คำสั่งดังกล่าวใช้สำหรับค้นหา concept ที่เป็นชนิดย่อย (descendant) ของ 71388002 |Procedure (procedure)| และมีเงื่อนไขของ attribute ที่เกี่ยวข้อง ดังนี้ 1) มี attribute “Procedure device” ที่ใช้อุปกรณ์เป็น 105794008 |Scope/camera, device (physical object)| 2) ต้องมีการระบุ attribute "Procedure site" อย่างน้อย 1 ตำแหน่ง เพื่อจำกัดผลการค้นหาให้อยู่ในกลุ่มหัตถการที่มีความสัมพันธ์กับตำแหน่งทางกายวิภาค ผลการสืบค้นจาก SNOMED CT เวอร์ชันวันที่ 1 มิถุนายน 2569 พบ concept จำนวนทั้งสิ้น 2,201 concept ซึ่งครอบคลุมหัตถการที่ใช้กล้องหรืออุปกรณ์ประเภท endoscope ในหลายกลุ่ม เช่น Laparoscopy, Thoracoscopy, Arthroscopy, Transoral endoscopy, Endoscopic sinus surgery รวมไปถึงหัตถการ Percutaneous endoscopic อื่น ๆ

จากชุด concept ที่ได้จากการสืบค้นด้วย ECL ได้นำมาจัดกลุ่มหัตถการตามระบบอวัยวะ โดยอ้างอิงโครงสร้างหมวดหัตถการของ ICD-9-CM ทั้งนี้ เลือกใช้เฉพาะกลุ่มที่เกี่ยวข้องจำนวน 15 กลุ่มหลัก ได้แก่

1. Procedures on the nervous system
2. Procedures on the endocrine system
3. Procedures on the eye
4. Procedures on the ear
5. Procedures on the nose, mouth and pharynx
6. Procedures on the respiratory system
7. Procedures on the cardiovascular system
8. Procedures on the hemic and lymphatic system
9. Procedures on the digestive system
10. Procedures on the urinary system
11. Procedures on the male genital organs
12. Procedures on the female genital organs

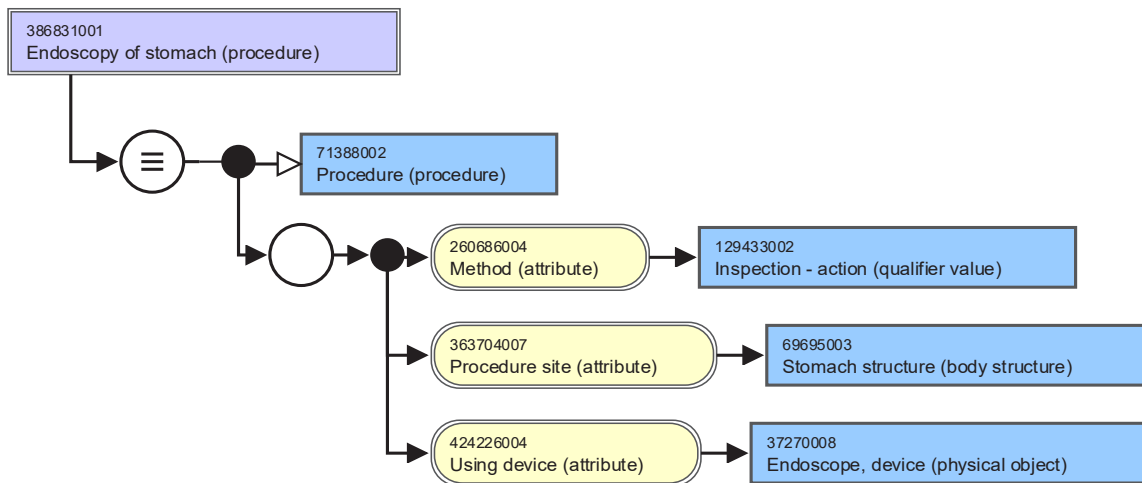
13. Obstetrical procedures
14. Procedures on the musculoskeletal system
15. Procedures on the integumentary system

ภายในแต่ละกลุ่มหลักมีการแบ่งย่อยตามอวัยวะหรือบริเวณที่ทำให้เกิดการเพิ่มเติม เพื่อให้สะดวกต่อการทบทวนและพิจารณาคัดเลือกหัตถการที่เหมาะสมสำหรับนำมาใช้โดยแพทย์ผู้เชี่ยวชาญจากโรงพยาบาลแพทย์ที่เกี่ยวข้อง โดยคำนึงถึงความสอดคล้องกับการปฏิบัติงานทางคลินิก ความเหมาะสมของระดับรายละเอียดความจำเป็นในการใช้งานของแต่ละสาขา และความสามารถในการนำไปใช้กับหัตถการที่มีการปฏิบัติจริงในประเทศไทย ดังนั้น ชุดหัตถการที่นำเสนอในเอกสารฉบับนี้จึงเป็นผลลัพธ์จากทั้งการสืบค้นเชิงโครงสร้างด้วย ECL และการทบทวนโดยผู้เชี่ยวชาญทางคลินิก ซึ่งผลการพิจารณาได้คัดเลือก concept ที่นำมาใช้ในเอกสารฉบับนี้จำนวน 2,019 รายการ

3.1. ลักษณะ concept ของ endoscopic procedure

จากกฎเกณฑ์ทางบรรณาธิการ (editorial rule) ของ SNOMED CT การบรรยาย endoscopic procedure นั้นจะมีหนึ่งกลุ่มของ attribute relationship ที่มี 260686004 | [Method](#) (attribute) | เป็น 129433002 | [Inspection - action](#) (qualifier value) | และมี 424226004 | [Using device](#) (attribute) | เป็นอุปกรณ์ใด ๆ ใน SNOMED CT concept หมวด physical object เสมอ และอาจมี 363704007 | [Procedure site](#) (attribute) | รวมด้วยหากต้องการระบุตำแหน่งที่ทำ

ยกตัวอย่าง 386831001 | Endoscopy of stomach (procedure) |

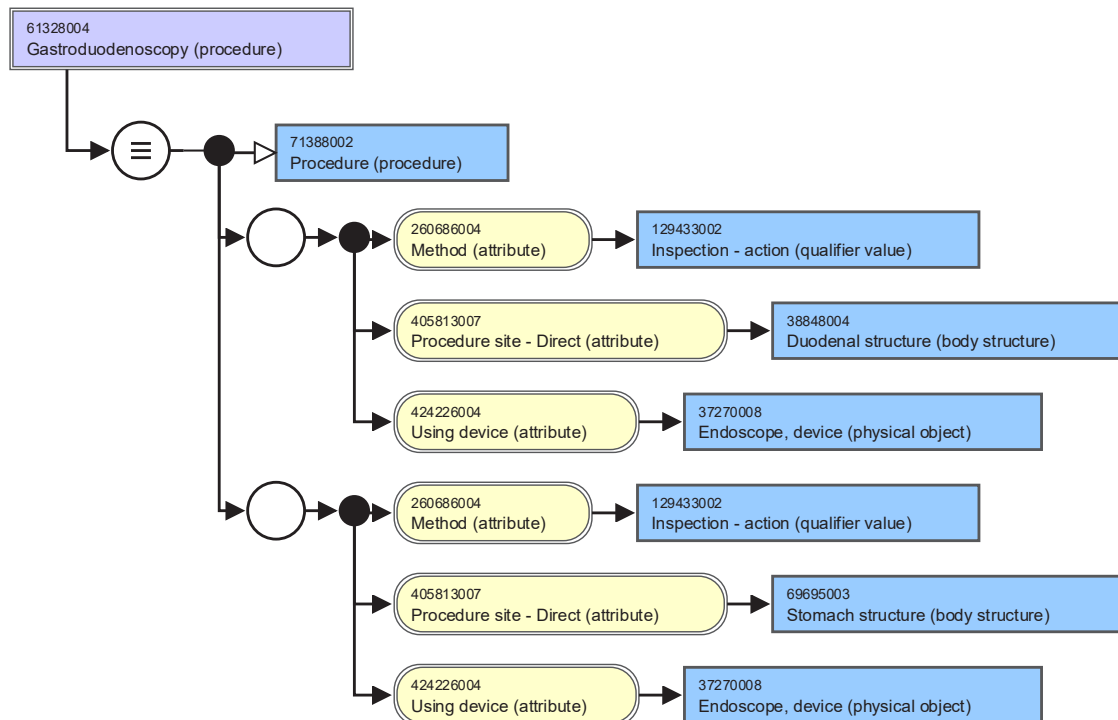


รูปที่ 12 แสดง concept 386831001 | Endoscopy of stomach (procedure) |

ภาพจาก SNOMED CT Browser (ณ วันที่ 1 มิ.ย. 69) ในรูปแบบ stated view

อธิบายแผนภาพได้ดังนี้ 386831001 | Endoscopy of stomach (procedure) | คือ (IS-A) Procedure ที่มีวิธีการทำ (method) คือ การดู (inspection) ณ ตำแหน่ง (procedure site) กระเพาะอาหาร (stomach) โดยใช้อุปกรณ์ (using device) คือ endoscope

หาก procedure นั้นครอบคลุมการตรวจดูมากกว่าหนึ่งอวัยวะ ก็สามารถมีกลุ่มข้างต้นได้หลายกลุ่ม เช่น
 61328004 | Gastroduodenoscopy (procedure) |



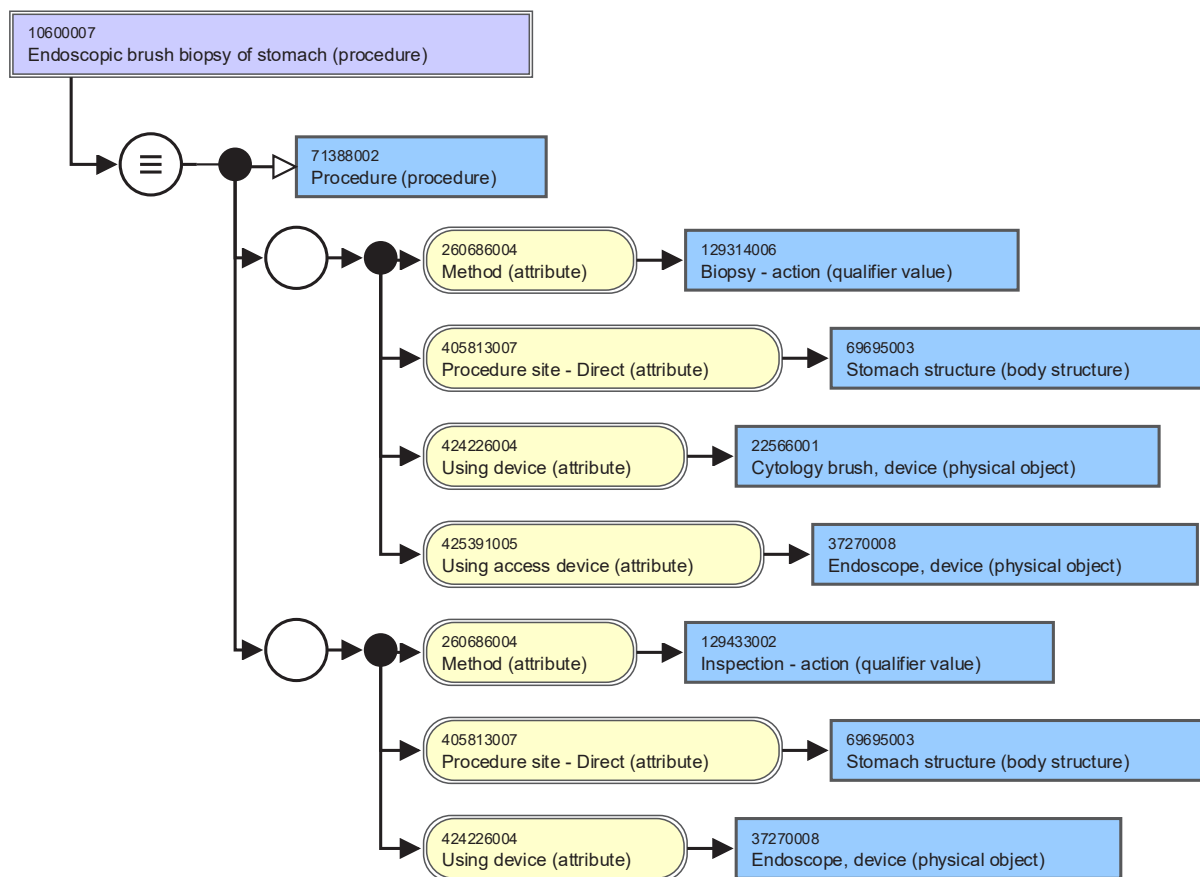
รูปที่ 13 แสดง concept 61328004 | Gastroduodenoscopy (procedure) |

ภาพจาก SNOMED CT Browser (ณ วันที่ 1 มิ.ย. 69) ในรูปแบบ stated view

อธิบายแผนภาพได้ดังนี้ 61328004 | Gastroduodenoscopy (procedure) | คือ (IS-A) Procedure ที่มี 2 กิจกรรม

- กิจกรรมแรกมีวิธีการทำ (method) คือการดู (inspection) ณ ตำแหน่งโดยตรง (procedure site – direct) ที่ลำไส้เล็กส่วนต้น (duodenal structure) โดยใช้ (using device) endoscope
- กิจกรรมที่สอง คือการดูกระเพาะอาหาร (stomach structure) โดยตรง โดยใช้กล้อง endoscope เช่นเดียวกันกับกิจกรรมแรก แตกต่างกันที่ตำแหน่งที่ทำการดู

หากมีการทำหัตถการเพิ่มเติม (นอกเหนือจากการตรวจดูเพียงอย่างเดียว) ก็จะมีกลุ่มของความสัมพันธ์เพิ่มขึ้น ยกตัวอย่าง **10600007 | Endoscopic brush biopsy of stomach (procedure)** | จะพบว่ามีกลุ่มที่มี 260686004 | **Method** (attribute) | เป็น biopsy เพิ่มมาอีก 1 กลุ่ม โดยการ biopsy นี้ กระทำโดยอุปกรณ์ cytology brush ดังนั้น จึงมี 424226004 | **Using device** (attribute) | เป็น cytology brush ส่วน endoscope เป็นเพียงอุปกรณ์ที่ช่วยให้เข้าไปทำ biopsy ได้ ดังนั้น จึงเป็น 425391005 | **Using access device** (attribute) | ในกลุ่มนี้



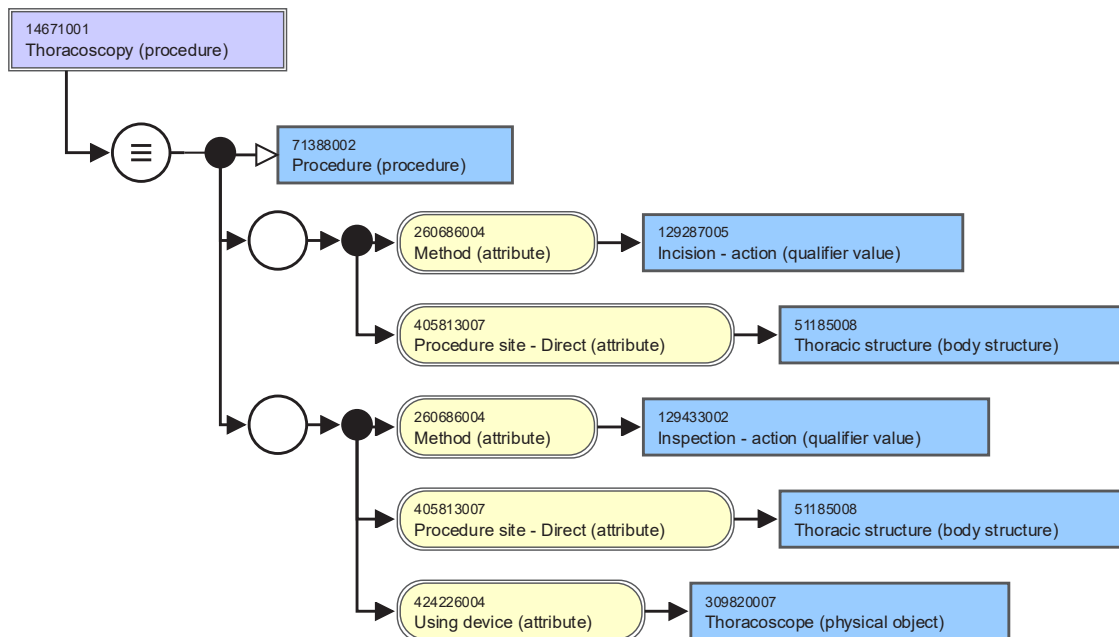
รูปที่ 14 แสดง concept 10600007 | Endoscopic brush biopsy of stomach (procedure) | ในรูปแบบ stated view
ภาพจาก SNOMED CT Browser (ณ วันที่ 1 มิ.ย. 69)

กล่าวคือ 10600007 | Endoscopic brush biopsy of stomach (procedure) | คือ (IS-A) Procedure ที่มี 2 กิจกรรม

- กิจกรรมแรกมีวิธีการทำ (method) คือการตัดชิ้นเนื้อ (biopsy) ณ ตำแหน่งโดยตรง (procedure site – direct) ที่กระเพาะอาหาร (stomach structure) โดยใช้ cytology brush ในการตัดชิ้นเนื้อ และใช้ endoscope เป็นอุปกรณ์ในการเข้าไปทำกิจกรรมนี้ (using access device)
- กิจกรรมที่สอง มีวิธีการทำ (method) คือการดู (inspection) ณ ตำแหน่งโดยตรง (procedure site – direct) ที่กระเพาะอาหาร (stomach structure) โดยใช้ endoscope ในการทำการดูนี้

หากการเข้าถึงตำแหน่งที่ทำหัตถการไม่ได้ผ่านช่องทางธรรมชาติ (natural orifice) แต่จำเป็นต้องกรีดผิวหนังเพื่อเข้าถึง จะมีความสัมพันธ์เพิ่มขึ้นมาอีก 1 กลุ่ม คือกลุ่มที่มี 260686004 | [Method](#) (attribute) | เป็น 29287005 | [Incision - action](#) (qualifier value) |

ยกตัวอย่าง 14671001 | Thoracoscopy (procedure) |

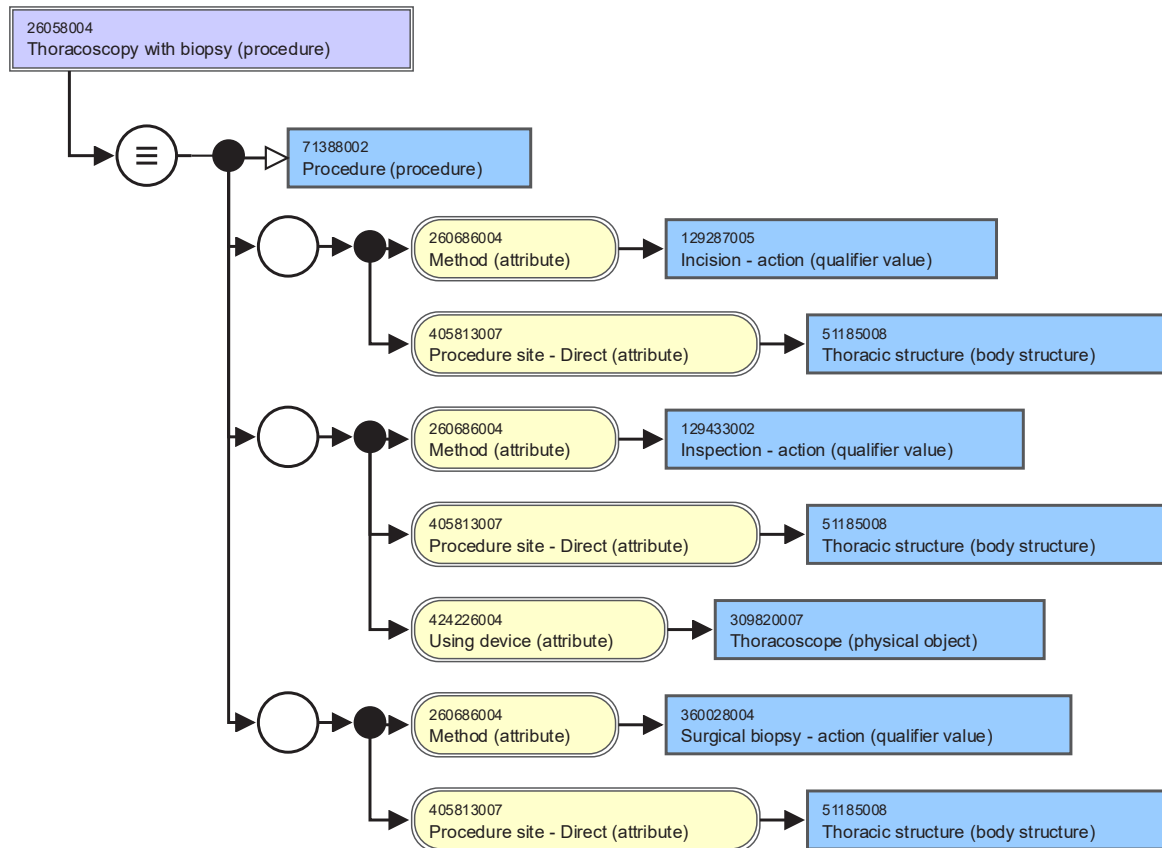


รูปที่ 15 แสดง concept 14671001 | Thoracoscopy (procedure) | ในรูปแบบ stated view
ภาพจาก SNOMED CT Browser (ณ วันที่ 1 มิ.ย. 69)

กล่าวคือ 14671001 | Thoracoscopy (procedure) | คือ (IS-A) Procedure ที่มี 2 กิจกรรม

- กิจกรรมแรกมีวิธีการทำ (method) คือการกรีด (incision) ณ ตำแหน่งโดยตรง (procedure site - direct) ที่ทรวงอก (thoracic structure)
- กิจกรรมที่สอง มีวิธีการทำ (method) คือการดู (inspection) ณ ตำแหน่งโดยตรง (procedure site - direct) ที่ทรวงอกเช่นกัน โดยใช้ thoracoscope ในการทำการดูนี้

ดังนั้น หากเป็น 26058004 | Thoracoscopy with biopsy (procedure) | จึงมีกลุ่มของ
ความสัมพันธ์ 3 กลุ่ม



รูปที่ 16 แสดง concept 26058004 | Thoracoscopy with biopsy (procedure) | ในรูปแบบ stated view
ภาพจาก SNOMED CT Browser (ณ วันที่ 1 มิ.ย. 69)

กล่าวคือ 26058004 | Thoracoscopy with biopsy (procedure) | คือ (IS-A) Procedure ที่มี 3 กิจกรรม

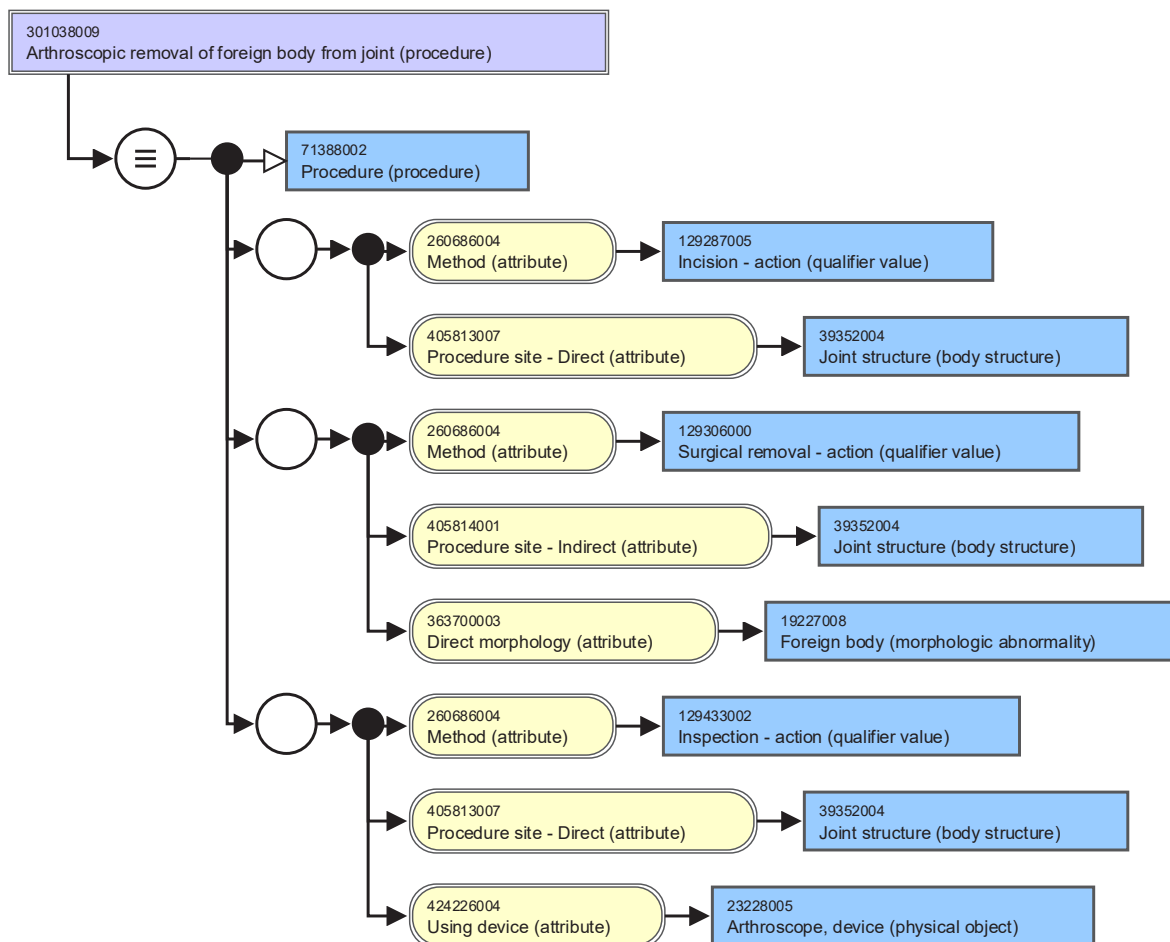
- กิจกรรมแรก มีวิธีการทำ (method) คือการกรีด (incision) ณ ตำแหน่งโดยตรง (procedure site – direct) ที่ทรวงอก (thoracic structure)
- กิจกรรมที่สอง มีวิธีการทำ (method) คือการดู (inspection) ณ ตำแหน่งโดยตรง (procedure site – direct) ที่ทรวงอกเช่นกัน โดยใช้ thoracoscope ในการทำการดูนี้
- กิจกรรมที่สาม มีวิธีการทำ (method) คือการผ่าตัดชิ้นเนื้อ (surgical biopsy) ณ ตำแหน่งโดยตรง (procedure site – direct) ที่ทรวงอกเช่นกัน

หลักการในกลุ่ม endoscopy อื่น ๆ จะใช้หลักการเดียวกันนี้ โดยจะแตกต่างกันไปตาม attribute ต่าง ๆ (เช่น procedure site, method, using device, using access device เป็นต้น) สำหรับ endoscopic device ที่นำมาใช้ประกอบการอธิบาย concept (ใช้กับ attribute ในกลุ่มความสัมพันธ์ เช่น using device,

using access device) ข้อมูล ณ เดือนมิถุนายน 2569 มีจำนวนทั้งสิ้น 245 concepts ซึ่งก็คือ concept ทั้งหมดที่เป็น descendant ของ 37270008 | Endoscope, device (physical object) |

หากพิจารณาตัวอย่างของ **301038009 | Arthroscopic removal of foreign body from joint (procedure)** (รูปที่ 17) จะพบว่าใช้หลักการเดียวกันกับ endoscopic procedure อื่น ๆ ดังเช่น 26058004 | Thoracoscopy with biopsy (procedure) | (รูปที่ 16) ข้างต้น โดยจะแตกต่างกันเพียง attribute ต่าง ๆ เท่านั้น

- กลุ่มของ incision เหมือนกัน (เพราะต้องกรีดผิวหนังเหมือนกัน)
- กลุ่มของ inspection คล้ายกัน โดยเปลี่ยนชนิดของกล้องจาก thoracoscope เป็น arthroscope
- ที่ต่างกันคือกลุ่มที่เหลือ โดยของ 26058004 | Thoracoscopy with biopsy (procedure) | มี method เป็น surgical biopsy ที่ทรวงอก ส่วนของ 301038009 | Arthroscopic removal of foreign body from joint (procedure) | มี method เป็น surgical removal นำสิ่งแปลกปลอม (foreign body) ออกจาก joint structure



รูปที่ 17 แสดง concept 301038009 | Arthroscopic removal of foreign body from joint (procedure) |

ภาพจาก SNOMED CT Browser (ณ วันที่ 1 มิ.ย. 69)



หลักการจัดกลุ่มและกำหนดรหัส SNOMED CT Concept ในกลุ่ม Endoscopic Procedure



โดยหลักการแล้ว SNOMED CT ถูกออกแบบมาสำหรับการใช้งานผ่านระบบคอมพิวเตอร์ อย่างไรก็ตาม เพื่อให้ผู้ใช้งานที่คุ้นเคยกับเอกสารสิ่งพิมพ์สามารถทำความเข้าใจภาพรวมของ SNOMED CT Concept ต่าง ๆ ในคู่มือฉบับนี้ได้ คณะผู้จัดทำจึงได้จัดกลุ่ม concept ในรูปแบบที่ใกล้เคียงกับการจัดหมวดหมู่รหัสเหตุการณ์ของ ICD-9-CM ทั้งนี้ การจัดกลุ่มดังกล่าวเป็นการดำเนินการของคณะผู้จัดทำเพื่อวัตถุประสงค์ของคู่มือฉบับนี้เท่านั้น มิใช่โครงสร้างการจัดกลุ่มอย่างเป็นทางการที่กำหนดโดย SNOMED International

การจัดกลุ่มในเบื้องต้นดำเนินการด้วยระบบอัตโนมัติ โดยอาศัยลำดับชั้นและความสัมพันธ์ระหว่าง SNOMED CT concept เพื่อจัด concept ให้เข้ากับหมวดหมู่เหตุการณ์ของ ICD-9-CM ที่มีความใกล้เคียงกัน อย่างไรก็ตาม เนื่องจาก SNOMED CT และ ICD-9-CM มีแนวคิดและโครงสร้างการจัดหมวดหมู่ที่แตกต่างกัน จึงไม่สามารถจัดกลุ่มให้สอดคล้องกันได้อย่างสมบูรณ์ด้วยกระบวนการอัตโนมัติเพียงอย่างเดียว คณะผู้จัดทำจึงได้ทบทวนและปรับปรุงการจัดกลุ่มอีกครั้ง แม้การจัดหมวดหมู่ดังกล่าวอาจไม่สอดคล้องกับโครงสร้างของ ICD-9-CM อย่างสมบูรณ์ในทุกกรณี แต่โดยภาพรวมมีความใกล้เคียงในระดับที่เหมาะสม และสามารถใช้เป็นแนวทางในการค้นหาและทำความเข้าใจได้

4.1. การกำหนดรหัสเหตุการณ์สำหรับคู่มือนี้

เนื่องจาก SNOMED CT concept ID (SCTID) ทำหน้าที่เป็นตัวระบุเฉพาะของแต่ละ concept และไม่ได้ออกแบบให้โครงสร้างของรหัสสะท้อนหมวดหมู่ ลักษณะทางกายวิภาค หรือประเภทของเหตุการณ์โดยตรง คณะผู้จัดทำจึงกำหนดรหัสเพิ่มเติมสำหรับใช้ภายในคู่มือฉบับนี้ โดยออกแบบให้มีโครงสร้างใกล้เคียงกับแนวทางการจัดหมวดหมู่ของ ICD-9-CM Procedure code เพื่อช่วยให้สามารถจัดกลุ่ม จัดเรียง และค้นหารายการ SNOMED CT Concept ได้อย่างเป็นระบบ รหัสดังกล่าวประกอบด้วย 3 องค์ประกอบ ได้แก่ anatomical code, action code และ running number (รายละเอียดการกำหนด anatomical code และ action code จะอยู่ในหัวข้อ 4.2 การจัดกลุ่มเหตุการณ์) ซึ่งแต่ละส่วนใช้สะท้อนข้อมูลที่แตกต่างกันของเหตุการณ์ โดยมีโครงสร้างรหัส 6 หลัก ดังนี้

Anatomical Code (หลักที่ 1-2)	Action Code (หลักที่ 3)	Running Number (หลักที่ 4-6)
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รูปที่ 18 แสดงโครงสร้างที่กำหนดขึ้นสำหรับ SNOMED CT Concept ในกลุ่ม Endoscopic Procedure

- **Anatomical code** เป็นรหัสตัวเลข 2 หลัก ใช้แสดงกลุ่มอวัยวะหรือบริเวณที่ทำหัตถการ
- **Action code** เป็นตัวอักษร ใช้แสดงกลุ่มการกระทำหลักของหัตถการ
- **Running number** เป็นเลขลำดับ (000-999) ของ Concept ภายในกลุ่ม anatomical code และ action code เดียวกัน

ตัวอย่างเช่น **44A000** โดยที่ **44** แสดงกลุ่มอวัยวะ Procedures on stomach

A แสดงกลุ่มการกระทำ Biopsy และ **000** แสดงลำดับของ Concept ภายในกลุ่มนั้น

ทั้งนี้ รหัสที่กำหนดขึ้นมีวัตถุประสงค์เพื่อช่วยในการจัดกลุ่ม จัดเรียง และอ้างอิงรายการ Concept เท่านั้น และ มิได้ใช้แทน SCTID ซึ่งยังคงเป็นตัวระบุอย่างเป็นทางการของ Concept ใน SNOMED CT

4.2. การจัดกลุ่มหัตถการ

การจัดกลุ่ม SNOMED CT concept ดังแสดงในบทที่ 5 จะจัดเป็นกลุ่มเลข 3 ระดับ (x.x.x โดย x หมายถึงตัวเลข เช่น 1.1.1) โดยกลุ่มใหญ่สองระดับแรก (x และ x.x เช่น 1 และ 1.1) จะแบ่งตามระบบอวัยวะและกลุ่มอวัยวะ โดยอ้างอิงโครงสร้างหมวดหัตถการของ ICD-9-CM เพื่อให้รูปแบบการจัดหมวดหมู่ใกล้เคียงกับระบบรหัสหัตถการที่ใช้งานอยู่เดิม ทั้งนี้ กลุ่มระดับ x.x จะถูกกำหนด anatomical code เป็นรหัสตัวเลข 2 หลัก ตามเลขหมวดของ ICD-9-CM ที่สอดคล้องกับกลุ่มอวัยวะหรือบริเวณที่ทำหัตถการ และใช้เป็นองค์ประกอบแรกของรหัสใหม่สำหรับ SNOMED CT concept ในคู่มือนี้ รายละเอียดการจัดกลุ่มตามระบบอวัยวะ กลุ่มอวัยวะหรือบริเวณที่ทำหัตถการ และ anatomical code แสดงดังตารางต่อไปนี้

ระบบอวัยวะ (Organ system)	กลุ่มอวัยวะ (Organ group)	Anatomical Code
1. Procedures on the nervous system	1.1. Procedures on skull, brain, and cerebral meninges	02
	1.2. Procedures on spinal cord and spinal canal structures	03
	1.3. Procedures on cranial and peripheral nerves	04
	1.4. Procedures on sympathetic nerves or ganglia	05
2.Procedures on the endocrine system	2.1. Procedures on thyroid and parathyroid glands	06
	2.2 Procedures on other endocrine glands	07
3.Procedures on the eye	3.1. Procedures on the eye	08
4.Procedures on the ear	4.1 .Procedures on the ear	18
5.Procedures on the nose, mouth and pharynx	5.1. Procedures on nose	21
	5.2. Procedures on nasal sinuses	22
	5.3. Procedures on mouth	27

ระบบอวัยวะ (Organ system)	กลุ่มอวัยวะ (Organ group)	Anatomical Code
	5.4. Procedures on tonsils and adenoids	28
	5.5. Procedures on pharynx	29
6.Procedures on the respiratory system	6.1. Procedures on larynx	30
	6.2. Procedures on trachea	31
	6.3. Procedures on lung and bronchus	33
	6.4. Procedures on chest wall, pleura, mediastinum, and diaphragm	34
7.Procedures on the cardiovascular system	7.1. Procedures on valves and septa of heart	35
	7.2. Procedures on vessels of heart	36
	7.3. Other procedures on heart and pericardium	37
	7.4. Procedures on vessels	39
8.Procedures on the hemic and lymphatic system	8.1. Procedures on lymphatic system	40
	8.2. Procedures on bone marrow and spleen	41
9.Procedures on the digestive system	9.1. Procedures on esophagus	42
	9.2. Procedures on stomach	44
	9.3. Procedures on small & large intestine	45
	9.4. Procedures on large intestine (colon)	46
	9.5. Procedures on appendix	47
	9.6. Procedures on rectum, sigmoid colon, rectosigmoid and perirectal tissue	48
	9.7. Procedures on anus	49
	9.8. Procedures on liver	50
	9.9. Procedures on gallbladder and biliary tract	51
	9.10. Procedures on pancreas	52
	9.11. Repair of hernia	53
	9.12. Other procedures on abdominal region	54
10.Procedures on the urinary system	10.1. Procedures on kidney	55
	10.2. Procedures on ureter	56
	10.3. Procedures on urinary bladder	57
	10.4. Procedures on urethra	58
	10.5. Other procedures on urinary tract	59
11.Procedures on the male genital organs	11.1. Procedures on prostate and seminal vesicles	60
	11.2. Procedures on scrotum and tunica vaginalis	61
	11.3. Procedures on testis	62

ระบบอวัยวะ (Organ system)	กลุ่มอวัยวะ (Organ group)	Anatomical Code
	11.4. Procedures on spermatic cord, epididymis, and vas deferens	63
	11.5. Procedures on penis	64
12.Procedures on the female genital organs	12.1. Procedures on ovary	65
	12.2. Procedures on fallopian tubes	66
	12.3. Procedures on cervix	67
	12.4. Procedures on uterus and supporting structures	69
	12.5. Procedures on vagina and rectouterine pouch	70
	12.6. Procedures on vulva and perineum	71
13.Obstetrical procedures	13.1. Obstetrical procedures	75
14.Procedures on the musculoskeletal system	14.1. Procedures on facial bones and joints	76
	14.2. Procedures on bones, except facial bones	78
	14.3. Reduction of fracture and dislocation	79
	14.4. Procedures on joint structures, except facial bones	81
	14.5. Procedures on muscle, tendon, fascia, and bursa	83
15.Procedures on the integumentary system	15.1. Procedures on the breast	85
	15.2. Procedures on skin and subcutaneous tissue	86

สำหรับกลุ่มในระดับที่สาม (x.x.x เช่น 1.1.1) จะใช้ลักษณะของการกระทำ (action) เป็นเกณฑ์ในการจัดกลุ่ม โดยพิจารณาจากค่าของ 260686004 |Method (attribute)| ซึ่งเชื่อมโยงไปยัง concept ในหมวด qualifier value ที่แสดงลักษณะของการกระทำ หากหัตถการหนึ่งมี Method มากกว่าหนึ่งรายการ จะเลือก **การกระทำหลัก (primary action concept)** ซึ่งเป็น concept ที่สะท้อนการกระทำหลักของหัตถการมากที่สุด มาใช้เป็นเกณฑ์ในการจัดกลุ่ม เช่น หากมีทั้ง Inspection และ Biopsy จะเลือก Biopsy เป็นการกระทำหลัก

จากนั้นการกระทำหลักที่มีลักษณะการกระทำใกล้เคียงกันจะถูกรวมไว้ภายใต้กลุ่มย่อยเดียวกัน และกำหนด action code เป็นตัวอักษรสำหรับแต่ละกลุ่มย่อย เช่น A, B, C และ D เป็นต้น โดย action code จะใช้เป็นองค์ประกอบที่สองของรหัสใหม่ต่อจาก anatomical code เพื่อแสดงกลุ่มการกระทำหลักของหัตถการ

รายละเอียดการการกระทำหลักเข้าสู่แต่ละกลุ่มย่อยและการกำหนด action code แสดงดังตารางต่อไปนี้

Action Group	Primary Action Concept	Action Code
1. Biopsy	Biopsy - action Fine needle aspiration biopsy - action Incisional biopsy - action Nonsurgical biopsy - action Surgical biopsy - action	A
2. Destruction	Ablation - action Cauterization - action Coagulation - action Crushing - action Cryoablation - action Cryosurgery - action Cryotherapy - action Destruction - action Fragmentation - action Fulguration - action Ligation - action Obliteration - action Photocoagulation - action Surgical diathermy - action Surgical occlusion - action Thermocoagulation	B
3. Evaluation-inspection	Evaluation - action Inspection - action	C
4. Evaluation-other	Examination - action Examination under anesthesia Exploration - action Fluoroscopic imaging - action Imaging - action Plain X-ray imaging - action Radiographic imaging - action Sampling - action Ultrasound imaging - action Video imaging - action	D
5. Fixation	Anchoring - action Fixation - action Fusion - action	E

Action Group	Primary Action Concept	Action Code
	Gluing - action Suspension and fixation - action	
6. Introduction	Administration - action Application - action Injection - action Insertion - action Instillation - action Introduction - action Irrigation - action Localized application - action Reinsertion - action Surgical insertion - action Transfusion - action	F
7. Opening	Division - action Drilling - action Incision - action Puncture - action Surgical action	G
8. Removal	Amputation - action Aspiration - action Debridement - action Decortication - action Disimpaction - action Dissection - action Drainage - action Enucleation - action Evacuation - action Excision - action Exenteration - action Extirpation - action Extraction - action Radical amputation - action Radical excision - action Release - action Removal - action Shaving - action	H

Action Group	Primary Action Concept	Action Code
	Stripping - action Surgical decompression - action Surgical extraction - action Surgical removal - action Trimming - action Unroofing - action Wedge resection - action	
9. Repair	Anastomosis - action Bypass - action Closure - action Construction - action End-to-end anastomosis - action Indirect anastomosis - action Plastic operation Reattachment - action Reconstruction - action Repair - action	J
10. Replacement	Grafting - action Implantation - action Replacement - action Surgical reimplantation - action Surgical replacement - action Surgical transplantation - action Transplantation - action	K
11. Structural modification	Dilation - action Exteriorization - action Manipulation - action Marsupialization - action Mobilization - action Occlusion - action Plication - action Reduction - action Repositioning - action Surgical augmentation - action Surgical recession - action Surgical reduction - action	L

Action Group	Primary Action Concept	Action Code
	Surgical shortening - action Surgical size reduction - action Surgical transfer - action Suspension - action Tamponade - action	
12. Other	Adjustment - action Decompression - action Harvesting - action Localization - action Microsurgery - action Pacing - action Therapy - action	X

ทั้งนี้ ในบางกลุ่มอวัยวะ โดยเฉพาะกลุ่ม 14.2. Procedures on bones, except facial bones, 14.3. Reduction of fracture and dislocation และ 14.4. Procedures on joint structures, except facial bones มีการใช้การจำแนกย่อย Code ด้วยรหัสหลักที่ 4 (fourth-digit subclassification) ตามโครงสร้างของ ICD-9-CM ร่วมกับรหัสของแต่ละกลุ่ม เพื่อระบุตำแหน่งทางกายวิภาคให้มีความจำเพาะมากขึ้น เช่น กระดูกหรือบริเวณของแขน ขา มือ เท้า หรือข้อที่เกี่ยวข้องกับหัตถการ รายละเอียดของการจำแนกย่อยและความหมายของรหัสหลักที่ 4 ของแต่ละกลุ่ม แสดงไว้ในส่วนต้นของหัวข้อ 14.2, 14.3 และ 14.4 ตามลำดับ

5

รายการ SNOMED CT Concept ในกลุ่ม Endoscopic Procedure ณ มิถุนายน 2569 จัดกลุ่มตามหมวดหมู่ย่อย



รายการ Concept ในส่วนนี้จัดเรียงตามระบบอวัยวะและกลุ่มการกระทำของหัตถการ โดยในแต่ละรายการจะแสดงข้อมูล 3 ส่วน ได้แก่รหัส (code), คำศัพท์ (term) และ SNOMED CT concept ID (SCTID) ทั้งนี้ code เป็นรหัสที่กำหนดขึ้นเพื่อช่วยในการจัดกลุ่มและอ้างอิงรายการ term ใช้แสดงชื่อ concept โดยใช้ Preferred Term (PT) เป็นคำศัพท์หลัก พร้อมแสดง synonym ที่เกี่ยวข้อง ส่วน SCTID เป็นตัวระบุอย่างเป็นทางการของ Concept ใน SNOMED CT

กลุ่มที่ 1: Procedures on the nervous system

1.1. Procedures on skull, brain, and cerebral meninges

1.1.1. Biopsy

Code	Term	SCTID
02A000	Endoscopy of ventricle of brain and biopsy of lesion of ventricle of brain SYNONYM • Brain ventriculoscopy and biopsy of lesion of ventricle of brain	1220607001

1.1.3. Evaluation-inspection

Code	Term	SCTID
02C000	Brain endoscopy SYNONYM • Endoscopy of brain	108112003

1.1.8. Removal

Code	Term	SCTID
02H000	Endoscopic endonasal excision of lesion of anterior cranial fossa	1389382004
02H001	Endoscopic endonasal excision of lesion of middle cranial fossa	1389381006
02H002	Endoscopic endonasal excision of lesion of posterior cranial fossa	1389380007
02H003	Endoscopic extirpation of lesion of ventricle of brain	171540003
02H004	Endoscopic removal of neoplasm from cranium	445750001

1.1.9. Repair

Code	Term	SCTID
02J000	Endoscopic repair of meningoencephalocele	1344645004

1.1.11. Structural modification

Code	Term	SCTID
02L000	Endoscopic exteriorization of third ventricle SYNONYM • Endoscopic third ventriculostomy	441763001

1.2. Procedures on spinal cord and spinal canal structures

1.2.3. Evaluation-inspection

Code	Term	SCTID
03C000	Endoscopy of spinal canal	39786006
03C001	Endoscopy of spinal epidural space SYNONYM • Spinal epiduroscopy	1255362003

1.2.8. Removal

Code	Term	SCTID
03H000	Microdissection, spinal procedure	29906006
03H001	Endoscopic division of epidural adhesions SYNONYM • Endoscopic division of epidural adhesions of spine • Endoscopic lysis of epidural adhesions	448333002

1.3. Procedures on cranial and peripheral nerves

1.3.2. Destruction

Code	Term	SCTID
04B000	Endoscopic neurolysis of celiac plexus using ultrasound guidance SYNONYM • Endoscopic destruction of celiac plexus using ultrasound guidance	446542002
04B001	Internal neurolysis with operating microscope	66302001
04B002	Laparoscopic uterosacral nerve ablation SYNONYM • LUNA - Laparoscopic uterosacral nerve ablation	309451008

1.3.7. Opening

Code	Term	SCTID
04G000	Laparoscopic transection of trunk of vagus nerve	440111005
04G001	Thoracoscopic truncal vagotomy	709425003
04G002	Laparoscopic highly selective vagotomy	708984004
04G003	Laparoscopic selective transection of vagus nerve	439171005

1.3.8. Removal

Code	Term	SCTID
04H000	Endoscopy of nasal sinus with decompression of optic nerve SYNONYM • Endoscopic decompression of optic nerve	440080001
04H001	Endoscopic carpal tunnel release	171841007

1.4. Procedures on sympathetic nerves or ganglia

1.4.8. Removal

Code	Term	SCTID
05H000	Endoscopic cervical sympathectomy using transaxillary approach SYNONYM • Endoscopic transaxillary cervical sympathectomy	307328003
05H001	Endoscopic thoracic sympathectomy using transaxillary approach SYNONYM • Endoscopic transaxillary thoracic sympathectomy	307170004
05H002	Thoracoscopic splanchnicectomy	314597002

กลุ่มที่ 2: Procedures on the endocrine system

2.1. Procedures on thyroid and parathyroid glands

2.1.3. Evaluation-inspection

Code	Term	SCTID
06C000	Endoscopy of parathyroid gland	56680003

2.1.8. Removal

Code	Term	SCTID
06H000	Endoscopic excision of right lobe of thyroid gland SYNONYM • Endoscopic right hemithyroidectomy	735941002
06H001	Endoscopic excision of left lobe of thyroid gland SYNONYM • Endoscopic left hemithyroidectomy	735942009
06H002	Lobectomy of thyroid gland using robotic assistance SYNONYM • Hemithyroidectomy using robotic assistance	1208351009
06H003	Endoscopic excision of isthmus of thyroid gland SYNONYM • Endoscopic thyroid isthmectomy • Endoscopic thyroid isthmusectomy	1230398001
06H004	Endoscopic total thyroidectomy	708915006
06H005	Total thyroidectomy using robotic assistance	1208352002

2.2. Procedures on other endocrine glands

2.2.1. Biopsy

Code	Term	SCTID
07A000	Laparoscopic biopsy of adrenal gland	1389321009

2.2.3. Evaluation-inspection

Code	Term	SCTID
07C000	Endoscopic procedure on thymus	71394005
07C001	Endoscopy of adrenal gland	21689000

2.2.8. Removal

Code	Term	SCTID
07H000	Laparoscopic decortication of cyst of adrenal gland	1389322002
07H001	Laparoscopic decortication of cyst of adrenal gland by retroperitoneal approach	1389324001
07H002	Laparoscopic decortication of cyst of adrenal gland using robotic assistance	1389323007
07H003	Laparoscopic adrenalectomy	42843004
07H004	Laparoscopic excision of adrenal gland by retroperitoneal approach	446677005
07H005	Laparoscopic adrenalectomy using robotic assistance SYNONYM • Laparoscopic excision of adrenal gland using robotic assistance	1217319002
07H006	Laparoscopic total excision of adrenal gland SYNONYM • Laparoscopic total adrenalectomy	1389315005
07H007	Laparoscopic total excision of adrenal gland using robotic assistance SYNONYM • Laparoscopic total adrenalectomy using robotic assistance	1389316006
07H008	Laparoscopic total excision of adrenal gland via retroperitoneal approach SYNONYM • Laparoscopic total adrenalectomy by retroperitoneal approach	1389317002
07H009	Laparoscopic partial excision of adrenal gland SYNONYM • Laparoscopic partial adrenalectomy	1389318007
07H010	Laparoscopic partial excision of adrenal gland by retroperitoneal approach SYNONYM • Laparoscopic partial adrenalectomy by retroperitoneal approach	1389320005
07H011	Laparoscopic partial excision of adrenal gland using robotic assistance SYNONYM • Laparoscopic partial adrenalectomy using robotic assistance	1389319004

Code	Term	SCTID
07H012	Endoscopic endonasal transsphenoidal partial excision of neoplasm of pituitary gland	1149128008
07H013	Endoscopic endonasal transsphenoidal total excision of neoplasm of pituitary gland	1149127003
07H014	Thoracoscopic excision of thymus using robotic assistance SYNONYM • Thoracoscopic thymectomy with robot assistance • Thoracoscopic thymectomy using robotic assistance • Robotic assisted thoracoscopic thymectomy • RATS (robotic-assisted thoracoscopic surgery) excision of thymus	1254744004
07H015	Thoracoscopic excision of thymus using video assistance SYNONYM • VATS (video-assisted thoracoscopic surgery) excision of thymus • VATS (video-assisted thoracoscopic surgery) thymectomy	1366215000

กลุ่มที่ 3: Procedures on the eye

3.1. Procedures on the eye

3.1.2. Destruction

Code	Term	SCTID
08B000	Endoscopic laser cyclophotocoagulation SYNONYM • Endoscopic diode laser cycloablation • Endoscopic cyclophotocoagulation using diode laser • Endoscopic photocoagulation of ciliary body using diode laser • ECP - endoscopic cyclophotocoagulation	1186897008

3.1.3. Evaluation-inspection

Code	Term	SCTID
08C000	Dacryoendoscopy SYNONYM • Endoscopy of lacrimal drainage system	1388491009
08C001	Corneal specular microscopy	252829002
08C002	Corneal specular photomicroscopy	397556008
08C003	Anterior segment of eye endoscopy	108150009
08C004	Binocular indirect ophthalmoscopy SYNONYM • BIO - binocular indirect ophthalmoscopy	410453006
08C005	Direct fundoscopy following mydriatic	308110009
08C006	Direct ophthalmoscopy SYNONYM • Direct fundoscopy	410450009
08C007	Examination of optic disc	274795007
08C008	Indirect ophthalmoscopy SYNONYM • Indirect fundoscopy	410451008
08C009	Monocular indirect ophthalmoscopy SYNONYM • Monocular indirect fundoscopy	410452001

Code	Term	SCTID
08C010	Ophthalmoscopy SYNONYM • Ophthalmoscopic examination • Fundoscopy • Clinical evaluation of optic funduscopy	53524009
08C011	Ophthalmoscopy with medical evaluation, extended, for retinal detachment mapping	56072006
08C012	Ophthalmoscopy with medical evaluation, extended, with ophthalmodynamometry	36844005
08C013	Confocal scanning laser ophthalmoscopy	391999003
08C014	Integrated optical coherence tomography and scanning laser ophthalmoscopy SYNONYM • CSLO + OCT • OCT ophthalmoscopy • OCT-SLO • Optical coherence tomography and scanning laser ophthalmoscopy	416369006
08C015	Scanning laser polarimetry	392005004
08C016	Ophthalmoscopy under general anesthesia	18188000
08C017	Indirect funduscopy following mydriatic	314972008
08C018	Camera funduscopy	314971001
08C019	Ophthalmoscopy with medical evaluation, extended, with fluorescein angiography	410441007

3.1.4. Evaluation-other

Code	Term	SCTID
08D000	Ocular photography for medical evaluation and documentation, slit lamp photography SYNONYM • Slit lamp photography of eye	16306001
08D001	Ocular slit lamp examination SYNONYM • Slit lamp examination • Slit lamp biomicroscopy	55468007

Code	Term	SCTID
08D002	Ocular fundus photography SYNONYM • Fundus photography • Retinal photography • Digital imaging of retina • Digital retinal screening • Retinography	20067007
08D003	Wide field digital imaging of retina SYNONYM • Wide field ocular fundus photography • Wide field retinal photography • Wide field retinography	1363538008

3.1.8. Removal

Code	Term	SCTID
08H000	Endoscopic vitrectomy SYNONYM • Endoscopic excision of vitreous opacity	1381269007
08H001	Endoscopic decompression of orbit for exophthalmos	473238003
08H002	Endoscopic drainage of subperiosteal abscess of orbit SYNONYM • Endoscopic drainage of SPA (subperiosteal abscess) of orbit • Endoscopic drainage of SPOA (subperiosteal orbital abscess)	1303713006
08H003	Removal of foreign body of cornea with slit lamp	85145001

กลุ่มที่ 4: Procedures on the ear

4.1. Procedures on the ear

4.1.3. Evaluation-inspection

Code	Term	SCTID
18C000	Microscopy of middle ear SYNONYM • Examination of middle ear under microscope • Inspection of middle ear using microscope	445974009
18C001	Inspection of external auditory canal using microscope SYNONYM • Microscopy of external auditory canal • Microscopy of external auditory meatus • Inspection of external acoustic meatus using microscope	771243006
18C002	Examination of ear under microscope SYNONYM • EUM ear - Examination of ear under microscope	232207003

กลุ่มที่ 5: Procedures on the nose, mouth and pharynx

5.1. Procedures on nose

5.1.1. Biopsy

Code	Term	SCTID
21A000	Biopsy of nose by rhinoscopy SYNONYM • Nose biopsy by rhinoscopy	172829002

5.1.2. Destruction

Code	Term	SCTID
21B000	Endoscopic ligation of sphenopalatine artery	709093009

5.1.3. Evaluation-inspection

Code	Term	SCTID
21C000	Endoscopy of nose SYNONYM • Rhinoscopy • Nasal endoscopy	25570002
21C001	Flexible fiberoptic rhinoscopy	715232006
21C002	Rigid rhinoscopy	715231004
21C003	Drug-induced sleep endoscopy SYNONYM • Sleep nasendoscopy • Sleep endoscopy • DISE - drug-induced sleep endoscopy • Drug-induced nasendoscopy	232518002
21C004	Endoscopy of nose and nasal sinuses SYNONYM • Endoscopy of nose and sinuses	1209099008
21C005	Nasendoscopy SYNONYM • Endoscopy of nose, pharynx and larynx	1217361008

5.1.8. Removal

Code	Term	SCTID
21H000	Endoscopic excision of lesion of infratemporal fossa	1303716003
21H001	Endoscopic excision of dermoid cyst of nose SYNONYM • Endoscopic excision of NDC (nasal dermoid cyst) • Endoscopic excision of nasal dermoid cyst	1303714000
21H002	Endoscopic excision of lesion of internal nose SYNONYM • Endoscopic excision of intranasal lesion	446922003
21H003	Nasal endoscopy with nasal polypectomy	10489002
21H004	Nasal endoscopy with removal of foreign body	22705003

5.1.9. Repair

Code	Term	SCTID
21J000	Endoscopic closure of perforation of nasal septum SYNONYM • ENSPR - endoscopic nasal septal perforation repair • Endoscopic repair of nasal septal perforation	1303715004

5.2. Procedures on nasal sinuses

5.2.1. Biopsy

Code	Term	SCTID
22A000	Endoscopic biopsy of nasal sinus	29293003
22A001	Endoscopic needle biopsy of nasal sinus	708745002
22A002	Maxillary sinus endoscopy with biopsy	67949002
22A003	Sphenoid endoscopy with biopsy	79097008

5.2.3. Evaluation-inspection

Code	Term	SCTID
22C000	Endoscopy of nasal sinus with control of nasal hemorrhage	440543004
22C001	Endoscopy of sphenoid sinus	1217232005
22C002	Maxillary sinus endoscopy	126063004
22C003	Sinoscopy of maxillary sinus via canine fossa SYNONYM • Antroscopy of maxillary sinus via canine fossa	1208450009

Code	Term	SCTID
22C004	Sinoscopy of maxillary sinus via inferior meatus SYNONYM • Antroscopy of maxillary sinus via inferior meatus	1208458002
22C005	Sinoscopy of maxillary sinus via middle meatus SYNONYM • Antroscopy of maxillary sinus via middle meatus	1208462008

5.2.7. Opening

Code	Term	SCTID
22G000	Nasal endoscopy with maxillary antrostomy	65795004
22G001	Endoscopic ethmoidotomy SYNONYM • Endoscopic incision of ethmoid sinus	447326000
22G002	Endoscopic sphenoidotomy SYNONYM • Endoscopic incision of sphenoid sinus	447328004

5.2.8. Removal

Code	Term	SCTID
22H000	Endoscopy of nasal sinus with decompression of inferior orbital wall	440636000
22H001	Endoscopy of nasal sinus with decompression of medial orbital wall	440115001
22H002	Endoscopy of nasal sinus with resection of concha bullosa	440021004
22H003	Maxillary sinus endoscopy with removal of foreign body	23054008
22H004	Endoscopic modified Lothrop procedure on frontal sinus SYNONYM • Draf III procedure • EMLP (endoscopic modified Lothrop procedure) on frontal sinus • Frontal sinus drill-out	1231419000
22H005	Endoscopic medial maxillectomy SYNONYM • Endoscopic excision of medial wall of maxillary sinus • Endoscopic excision of medial wall of maxillary antrum • EMM - endoscopic medial maxillectomy	1179198005

Code	Term	SCTID
22H006	Maxillary sinus endoscopy with removal of cyst	69394007
22H007	Maxillary sinus endoscopy with removal of fungus ball	64145001
22H008	Maxillary sinus endoscopy with removal of mucous membrane	41535000
22H009	Maxillary sinus endoscopy with removal of mucous membrane and polyps	15774007
22H010	Maxillary sinus endoscopy with removal of polyps	74321007
22H011	Endoscopic ethmoidectomy SYNONYM • Endoscopic excision of ethmoid sinus	447141009
22H012	Nasal endoscopy with partial ethmoidectomy	72841005
22H013	Nasal endoscopy with total ethmoidectomy	112792009
22H014	Endoscopic sphenoidectomy SYNONYM • Endoscopic excision of sphenoid sinus	445726003
22H015	Sphenoid endoscopy with removal of mucous membrane	66285000
22H016	Functional endoscopic sinus surgery - postoperative division of adhesions SYNONYM • FESS (functional endoscopic sinus surgery) postoperative division of adhesions	172931007
22H017	Functional endoscopic sinus surgery - postoperative removal of polyps under local anesthetic SYNONYM • FESS (functional endoscopic sinus surgery) postoperative removal of polyps under local anesthetic	172930008
22H018	Functional endoscopic sinus surgery - postoperative suction clearance under local anesthetic	172929003

5.2.9. Repair

Code	Term	SCTID
22J000	Endoscopy of nasal sinus with dacryocystorhinostomy	440667003

5.2.11. Structural modification

Code	Term	SCTID
22L000	Endoscopic balloon dilation of ostium of paranasal sinus SYNONYM • Endoscopic balloon dilatation of ostium of paranasal sinus • Balloon sinuplasty	439533007

5.3. Procedures on mouth

5.3.2. Destruction

Code	Term	SCTID
27B000	Sialendoscopic laser lithotripsy of calculus of parotid gland	450497009
27B001	Sialendoscopic laser lithotripsy of calculus of submandibular gland	450498004

5.3.3. Evaluation-inspection

Code	Term	SCTID
27C000	Endoscopy of salivary gland	42587004

5.3.8. Removal

Code	Term	SCTID
27H000	Excision of neoplasm of base of tongue using robotic assistance by transoral approach SYNONYM • TORS (transoral robotic surgery) excision of neoplasm of base of tongue • Robot assisted excision of neoplasm of base of tongue by transoral approach	1366325008
27H001	Robot assisted transoral partial excision of tongue SYNONYM • Transoral partial excision of tongue using robotic assistance • Transoral partial glossectomy using robotic assistance • Partial glossectomy using TORS (transoral robotic surgery) • Transoral partial excision of tongue using robot assistance	1220649006
27H002	Sialendoscopic removal of calculus from parotid gland using grasping forceps	450490006

Code	Term	SCTID
27H003	Sialendoscopic removal of calculus from parotid gland using wire basket	450489002
27H004	Sialendoscopic removal of calculus from salivary gland SYNONYM • Sialendoscopic removal of stone from salivary gland	1231313003
27H005	Sialendoscopic removal of calculus from submandibular gland using grasping forceps	450493008
27H006	Sialendoscopic removal of calculus from submandibular gland using wire basket	450492003
27H007	Sialendoscopic removal of mucus plug of salivary duct SYNONYM • Removal of mucus plug of salivary duct using sialendoscope	1231376002
27H008	Sialendoscopically assisted removal of calculus from parotid duct by extraoral approach	450495001
27H009	Sialendoscopically assisted removal of calculus from submandibular duct by intraoral approach	450496000

5.3.11. Structural modification

Code	Term	SCTID
27L000	Sialendoscopic dilation of stenosis of parotid duct	450491005
27L001	Sialendoscopic dilation of stenosis of salivary duct SYNONYM • Dilation of stenosis of salivary duct using sialendoscope • Sialendoscopic dilatation of stenosis of salivary duct	1231312008
27L002	Sialendoscopic dilation of stenosis of submandibular duct	450494002

5.4. Procedures on tonsils and adenoids

5.4.3. Evaluation-inspection

Code	Term	SCTID
28C000	Endoscopy of adenoid	11560009
28C001	Endoscopy of tonsil	19247000

5.5. Procedures on pharynx

5.5.1. Biopsy

Code	Term	SCTID
29A000	Endoscopic examination and biopsy of hypopharynx	172976007
29A001	Endoscopy and biopsy of nasopharynx SYNONYM • Endoscopy and biopsy of postnasal space	1220543000
29A002	Endoscopy and biopsy of oropharynx	1220541003

5.5.3. Evaluation-inspection

Code	Term	SCTID
29C000	Endoscopy of pharynx SYNONYM • Pharyngoscopy	392102003
29C001	Endoscopy of pharynx using fiberoptic laryngoscope	1287910000
29C002	Fiberoptic endoscopy of nasopharynx	447015000
29C003	Nasopharyngoscopy SYNONYM • Examination of nasopharynx • Examination of postnasal space • EUAPNS - Examination under anesthesia of postnasal space	82941002
29C004	Rigid endoscopy of nasopharynx	446976003
29C005	Endoscopic control of hemorrhage of pharynx	473275008

5.5.4. Evaluation-other

Code	Term	SCTID
29D000	Examination of oropharynx under anesthetic	303625007
29D001	Examination of pharynx under anesthetic SYNONYM • EUA Pharynx - Examination under anesthetic of pharynx	275163005
29D002	Examination under anesthetic of postnasal space	275164004

5.5.8. Removal

Code	Term	SCTID
29H000	Endoscopic nasopharyngectomy	713188009
29H001	Endoscopic extirpation of lesion of hypopharynx	172968005
29H002	Endoscopic extirpation of lesion of nasopharynx	172965008
29H003	Endoscopic extirpation of lesion of oropharynx	172966009
29H004	Endoscopic removal of foreign body from pharynx	172967000

5.5.9. Repair

Code	Term	SCTID
29J000	Endoscopic suturing of pharynx	1304026006
29J001	Endoscopic stapling of pharyngeal pouch	307830009

5.5.11. Structural modification

Code	Term	SCTID
29L000	Endoscopic dilation of pharynx	447327009

กลุ่มที่ 6: Procedures on the respiratory system

6.1. Procedures on larynx

6.1.1. Biopsy

Code	Term	SCTID
30A000	Direct laryngoscopy with biopsy	5019003
30A001	Flexible fiberoptic laryngoscopy with biopsy	7750005
30A002	Laryngoscopic biopsy larynx SYNONYM • Endoscopic biopsy of larynx	274317003
30A003	Laryngoscopy and biopsy of lesion of larynx	1220604008
30A004	Microlaryngoscopy and biopsy	1204345008

6.1.2. Destruction

Code	Term	SCTID
30B000	Endoscopic destruction of lesion of larynx	173028001

6.1.3. Evaluation-inspection

Code	Term	SCTID
30C000	Endoscopy of larynx through stoma	44972003
30C001	Direct laryngoscopy SYNONYM • Direct examination of larynx	78121007
30C002	Direct laryngoscopy with operating microscope	1217231003
30C003	Flexible fiberoptic laryngoscopy	49077009
30C004	Flexible fiberoptic laryngoscopy with stroboscopy	31988001
30C005	Laryngoscopy SYNONYM • Laryngotracheoscopy • Endoscopic exploration of larynx • Endoscopy of larynx	28760000
30C006	Nasal laryngoscopy	232670008
30C007	Nasopharyngolaryngoscopy	450918007
30C008	Rigid laryngoscopy SYNONYM • Rigid endoscopy of larynx	1220545007

6.1.6. Introduction

Code	Term	SCTID
30F000	Direct laryngoscopy with injection into vocal cord	1217220006
30F001	Flexible fiberoptic laryngoscopic-guided vocal cord injection SYNONYM • Injection laryngoplasty • Flexible fiberoptic laryngoscopic-guided VF (vocal fold) injection • Flexible fiberoptic laryngoscopic-guided vocal fold injection	1303718002
30F002	Indirect laryngoscopy with vocal cord injection	83557003
30F003	Direct laryngoscopy with insertion of obturator	13142009

6.1.7. Opening

Code	Term	SCTID
30G000	Endoscopic incision of subglottic cyst	443282002
30G001	Direct laryngoscopy with surgical procedure	128325007
30G002	Microtherapeutic endoscopic operations on larynx	173018005

6.1.8. Removal

Code	Term	SCTID
30H000	Direct laryngoscopy with excision of neoplasm using operating microscope	443959005
30H001	Direct laryngoscopy with excision of tumor	11377005
30H002	Direct laryngoscopy with stripping of epiglottis	41848005
30H003	Direct laryngoscopy with stripping of epiglottis using operating microscope	443521008
30H004	Direct laryngoscopy with stripping of vocal cords	69539003
30H005	Direct laryngoscopy with stripping of vocal cords using operating microscope	443691008
30H006	Endoscopic resection of lesion of larynx	173027006
30H007	Flexible fiberoptic laryngoscopy with removal of lesion	82273001
30H008	Indirect laryngoscopy with removal of lesion	12780005
30H009	Laryngoscopic vocal cord polypectomy	308029000
30H010	Microtherapeutic endoscopic excision of lesion of larynx	448769007

Code	Term	SCTID
30H011	Microtherapeutic endoscopic extirpation of lesion of larynx using laser	173019002
30H012	Direct laryngoscopy with arytenoidectomy SYNONYM • Endoscopic arytenoidectomy	17882003
30H013	Direct laryngoscopy with arytenoidectomy with operating microscope	5551006
30H014	Endoscopic removal of prosthesis from larynx	173029009
30H015	Direct laryngoscopy with foreign body removal	19433002
30H016	Flexible fiberoptic laryngoscopy with removal of foreign body	59306004
30H017	Indirect laryngoscopy with removal of foreign body	6745008
30H018	Laryngoscopy to remove object	274414006

6.1.9. Repair

Code	Term	SCTID
30J000	Endoscopic vocal cord medialization	426308002

6.1.11. Structural modification

Code	Term	SCTID
30L000	Direct laryngoscopy with dilation	21796007

6.2. Procedures on trachea

6.2.1. Biopsy

Code	Term	SCTID
31A000	Endoscopic brush biopsy of trachea	4363008
31A001	Endoscopic trachea biopsy	307822008
31A002	Endoscopy and biopsy of trachea using rigid bronchoscope SYNONYM • Rigid bronchoscopy and biopsy of trachea	1220602007
31A003	Endoscopy of trachea and biopsy of lesion of trachea using fiberoptic bronchoscope SYNONYM • Tracheoscopy and biopsy of lesion of trachea • Tracheoscopy and biopsy of lesion of trachea using fiberoptic bronchoscope	1220606005

6.2.2. Destruction

Code	Term	SCTID
31B000	Bronchoscopic argon plasma coagulation of trachea	1389219002
31B001	Fiberoptic endoscopic destruction of lesion of trachea	173140003
31B002	Fiberoptic endoscopic laser destruction of lesion of trachea SYNONYM • Fiberoptic endoscopic destruction of lesion of trachea using laser	173139000
31B003	Rigid bronchoscopic destruction of lesion of trachea SYNONYM • Endoscopic destruction of lesion of trachea using rigid bronchoscope	448753000
31B004	Rigid bronchoscopic laser destruction of lesion of trachea SYNONYM • Endoscopic laser destruction of lesion of trachea using rigid bronchoscope • Rigid bronchoscopic destruction of lesion of trachea using laser	173084001

6.2.3. Evaluation-inspection

Code	Term	SCTID
31C000	Fiberoptic tracheoscopy SYNONYM • Endoscopy of trachea using fiberoptic bronchoscope	1204357004
31C001	Endoscopy of trachea using rigid bronchoscope SYNONYM • Rigid tracheoscopy • Tracheoscopy using rigid bronchoscope	1220601000
31C002	Tracheoscopy via tracheostomy SYNONYM • Endoscopy of trachea via stoma	287533002
31C003	Endoscopy of trachea SYNONYM • Tracheoscopy	18044005

6.2.6. Introduction

Code	Term	SCTID
31F000	Bronchoscopic insertion of stent into trachea SYNONYM • Insertion of stent of trachea by bronchoscopy • Insertion of tracheal stent by bronchoscopy	1255833006
31F001	Fiberoptic bronchoscopic lavage of trachea SYNONYM • Fiberoptic endoscopic irrigation of trachea	173143001
31F002	Rigid bronchoscopic lavage of trachea SYNONYM • Endoscopic irrigation of trachea using rigid bronchoscope	173086004

6.2.8. Removal

Code	Term	SCTID
31H000	Fiberoptic bronchoscopic snare resection of lesion of trachea SYNONYM • Fiberoptic endoscopic snare resection of lesion of trachea	173138008
31H001	Rigid bronchoscopy and snare resection of lesion of trachea SYNONYM • Endoscopic snare resection of lesion of trachea using rigid bronchoscope	173083007
31H002	Fiberoptic endoscopic aspiration of trachea	173141004
31H003	Endoscopic aspiration of trachea using rigid bronchoscope SYNONYM • Rigid bronchoscopic aspiration of trachea	173085000
31H004	Bronchoscopic excision of tracheobronchial granuloma SYNONYM • Endoscopic excision of tracheobronchial granuloma	723100017910 3
31H005	Bronchoscopic removal of intraluminal foreign body from trachea SYNONYM • Endoscopic removal of intraluminal foreign body from trachea	91571003

Code	Term	SCTID
31H006	Fiberoptic endoscopic removal of foreign body from trachea	173142006
31H007	Rigid bronchoscopy and removal of foreign body from trachea SYNONYM Endoscopic removal of foreign body from trachea using rigid bronchoscope	173082002
31H008	Tracheoscopy to remove object	274416008

6.2.11. Structural modification

Code	Term	SCTID
31L000	Bronchoscopy with tracheal dilation	87479006
31L001	Dilation of trachea using rigid bronchoscope	1389221007
31L002	Endoscopic balloon dilation of trachea	1389220008
31L003	Endoscopic dilation of trachea using fluoroscopic guidance SYNONYM - Fluoroscopic guidance for endoscopic dilatation of trachea - Endoscopic dilatation of trachea using fluoroscopic guidance	432364009

6.3. Procedures on lung and bronchus

6.3.1. Biopsy

Code	Term	SCTID
33A000	Thoracoscopic biopsy of lung	66258007
33A001	Endoscopic ultrasonography guided biopsy of bronchus SYNONYM - Biopsy of bronchus using endoscopic ultrasonography guidance - Biopsy of bronchus using endoscopic ultrasound guidance	1217433003
33A002	Bronchoscopic endobronchial cryobiopsy	1395832007
33A003	Rigid endoscopic examination and biopsy below trachea using rigid bronchoscope SYNONYM Bronchoscopy and biopsy below trachea using rigid bronchoscope	173121009
33A004	Bronchoscopy and biopsy of bronchus SYNONYM Endoscopic bronchus biopsy	274318008

Code	Term	SCTID
33A005	Bronchoscopy through tracheostomy with biopsy of bronchus	7375006
33A006	Bronchoscopy with biopsy SYNONYM • BBx - Bronchoscopy and biopsy • Bronchoscopy and biopsy	55198006
33A007	Bronchoscopy with biopsy of bronchus using electromagnetic navigation guidance SYNONYM • Electromagnetic navigation guided endoscopic inspection of bronchus with biopsy of bronchus • Endoscopic inspection of bronchus with biopsy of bronchus using electromagnetic navigation guidance • Endoscopic biopsy of bronchus using ENB (electromagnetic navigation bronchoscopy) guidance • Endoscopic biopsy of bronchus using electromagnetic navigation bronchoscopy guidance	1222634007
33A008	Bronchoscopy with brush biopsy SYNONYM • Bronchoscopy with bronchial brushings	80657008
33A009	Fiberoptic bronchoscopy and biopsy	173161005
33A010	Fiberoptic bronchoscopy with biopsy of bronchus	87387006
33A011	Fiberoptic bronchoscopy with brush biopsy of bronchus SYNONYM • Fiberoptic bronchoscopy with bronchial brush	661100017910 5
33A012	Fiberoptic endoscopy of lower respiratory tract and brush cytology of lesion of lower respiratory tract SYNONYM • Fiberoptic endoscopic examination of lower respiratory tract and brush cytology of lesion of lower respiratory tract	1217146001
33A013	Fiberoptic endoscopy of lower respiratory tract with biopsy, lavage and brush cytology of lesion of lower respiratory tract SYNONYM • Fiberoptic endoscopic examination of lower respiratory tract with biopsy, lavage and brush cytology of lesion of lower respiratory tract	1217132001

Code	Term	SCTID
33A014	Fiberoptic endoscopy of lower respiratory tract with lavage and brush cytology of lesion of lower respiratory tract SYNONYM • Fiberoptic endoscopic examination of lower respiratory tract with lavage and brush cytology of lesion of lower respiratory tract	1217145002
33A015	Laryngotracheobronchoscopy with biopsy	59046001
33A016	Transbronchial needle aspiration biopsy using endobronchial ultrasound guidance	1389225003
33A017	Virtual navigation bronchoscopy with biopsy	1396323005
33A018	Fluoroscopy guided bronchoscopy with transbronchial needle aspiration of lung SYNONYM • Bronchoscopic transbronchial needle aspiration of lung using fluoroscopic guidance	1389236005
33A019	Endoscopic ultrasonography guided biopsy of lung SYNONYM • Biopsy of lung using endoscopic ultrasonography guidance • Biopsy of lung using endoscopic ultrasound guidance	1217475002
33A020	Cone beam computed tomography guided bronchoscopic transbronchial lung biopsy SYNONYM • Bronchoscopic transbronchial lung biopsy using cone beam computed tomography	1389241002
33A021	Cone beam computed tomography guided bronchoscopic transtracheal needle aspiration of lung SYNONYM • Bronchoscopic transtracheal needle aspiration of lung using cone beam computed tomography	1388436002
33A022	Bronchoscopy through tracheostomy with biopsy of lung	81070005
33A023	Bronchoscopy with transbronchial cryobiopsy of lung	1373511000
33A024	Bronchoscopy with transbronchial lung biopsy	243685008

Code	Term	SCTID
33A025	Fluoroscopy guided bronchoscopy with transbronchial lung biopsy SYNONYM • Bronchoscopy with transbronchial lung biopsy using fluoroscopic guidance	1388374006
33A026	Fiberoptic bronchoscopy with biopsy of lung	243411004
33A027	Rigid bronchoscopy and biopsy of lesion of lung SYNONYM • Endoscopy of bronchus and biopsy of lesion of lung using rigid bronchoscope • Bronchoscopy and biopsy of lesion of lung using rigid bronchoscope	1220608006

6.3.2. Destruction

Code	Term	SCTID
33B000	Bronchoscopic argon plasma coagulation of bronchus SYNONYM • Bronchoscopic APC (argon plasma coagulation) of bronchus • APC (argon plasma coagulation) of bronchus using bronchoscope • Argon plasma coagulation of bronchus using bronchoscope	1237140001
33B001	Bronchoscopic electrocauterization of lesion SYNONYM • Bronchoscopic cauterization of lesion using electrical energy	232597008
33B002	Bronchoscopic cryotherapy of neoplasm of bronchus	449210005
33B003	Bronchoscopic destruction of bronchial lesion	149109009
33B004	Bronchoscopic destruction of lesion	232596004
33B005	Bronchoscopic destruction of lesion - cryotherapy SYNONYM • Bronchoscopic cryosurgery	232599006
33B006	Bronchoscopic destruction of lesion - laser SYNONYM • Bronchoscopic destruction of lesion using laser	232598003
33B007	Bronchoscopic electrocoagulation	287435006
33B008	Bronchoscopy for relief of stenosis with laser surgery	67179008
33B009	Bronchoscopy with destruction of tumor by laser surgery SYNONYM • Bronchoscopic destruction of tumor using laser surgery	18049000

Code	Term	SCTID
33B010	Fiberoptic bronchoscopic destruction of lesion below trachea SYNONYM • Fiberoptic endoscopic destruction of lesion below trachea	173154006
33B011	Fiberoptic bronchoscopic laser destruction of lesion below trachea SYNONYM • Endoscopic fiberoptic laser destruction of lesion below trachea	173153000
33B012	Fiberoptic endoscopic photodynamic therapy of lesion of lower respiratory tract	426018002
33B013	Rigid bronchoscopic laser destruction of lesion below trachea SYNONYM • Endoscopic laser destruction of lesion below trachea using rigid bronchoscope	173111001
33B014	Thermoplasty of bronchus SYNONYM • Bronchial thermoplasty	713348007
33B015	Bronchoscopic cryotherapy of neoplasm of lung	448791000
33B016	Bronchoscopic microwave ablation of lesion of lung	788820009
33B017	Bronchoscopic cauterization of fistula	310468008

6.3.3. Evaluation-inspection

Code	Term	SCTID
33C000	Bronchoscopy via tracheostomy SYNONYM • Bronchoscopy through tracheostomy	287528001
33C001	Fiberoptic bronchoscopy	85765000
33C002	Flexible bronchoscopy	69621000052107
33C003	Autofluorescence bronchoscopy	448173000
33C004	Bronchoscopic procedure using ultrasound guidance	438623001

Code	Term	SCTID
33C005	Bronchoscopy SYNONYM • Endoscopy of bronchus • By - Bronchoscopy • Tracheobronchial endoscopy • Bronchial endoscopy	10847001
33C006	Electromagnetic navigation bronchoscopy SYNONYM • Bronchoscopy using electromagnetic navigation • ENB - electromagnetic navigation bronchoscopy	108110100011 2106
33C007	Bronchoscopy using robotic assistance SYNONYM • Robotic assisted bronchoscopy • Bronchoscopy with robot assistance	1254743005
33C008	Endoscopic ultrasonography of bronchus	439939004
33C009	Endoscopic ultrasonography of lung	448523009
33C010	Laryngotracheobronchoscopy	54057009
33C011	Rigid bronchoscopy	397782002
33C012	Virtual navigation bronchoscopy	1396324004
33C013	Bronchoscopic arrest of hemorrhage	232593007

6.3.4. Evaluation-other

Code	Term	SCTID
33D000	Bronchoscopic sampling of secretions	232592002
33D001	Bronchoscopic sampling of secretions using trap	257925000
33D002	Bronchoscopy with lobar gas sampling	232591009

6.3.5. Fixation

Code	Term	SCTID
33E000	Bronchoscopic gluing of fistula	310469000

6.3.6. Introduction

Code	Term	SCTID
33F000	Bronchoscopic insertion of endobronchial valve	736748006

Code	Term	SCTID
33F001	Bronchoscopic insertion of tracheobronchial stent	1365626007
33F002	Bronchoscopic placement of stent SYNONYM • Bronchoscopic stenting procedure	232602001
33F003	Bronchoscopic lavage SYNONYM • Bronchoscopic irrigation • Bronchoscopic washout	232595000
33F004	Bronchoscopy and bronchoalveolar lavage SYNONYM • Bronchoscopy with cell washing • BAL (bronchoalveolar lavage) using bronchoscope • Bronchoscopic bronchoalveolar lavage	397397002
33F005	Fiberoptic bronchoscopic lavage of bronchus SYNONYM • Bronchial lavage via fiberoptic bronchoscope	397860000
33F006	Fiberoptic endoscopy of lower respiratory tract and lavage of lesion of lower respiratory tract SYNONYM • Fiberoptic endoscopic examination of lower respiratory tract and lavage of lesion of lower respiratory tract	1217147005
33F007	Rigid bronchoscopic lavage of bronchus SYNONYM • Bronchial lavage via rigid bronchoscope • Endoscopic irrigation below trachea using rigid bronchoscope	397954001
33F008	Bronchoscopic insertion of bronchial stent into bronchus	1366227002
33F009	Bronchoscopic insertion of endobronchial nitinol coil using fluoroscopic guidance SYNONYM • Fluoroscopy guided bronchoscopic insertion of endobronchial nitinol coil	736671000
33F010	Bronchoscopy and insertion of intracavitary radioactive isotope using catheter	440108009

6.3.7. Opening

Code	Term	SCTID
33G000	Bronchoscopy with surgical procedure	128326008

6.3.8. Removal

Code	Term	SCTID
33H000	Bronchoscopic aspiration of secretions SYNONYM • Toilet bronchoscopy • Bronchial suction via fiberoptic bronchoscope	232594001
33H001	Endoscopic airway clearance	280454009
33H002	Fiberoptic endoscopic aspiration below trachea	173155007
33H003	Endoscopic aspiration below trachea using rigid bronchoscope SYNONYM • Bronchial suction via rigid bronchoscope • Rigid bronchoscopic aspiration below trachea using rigid bronchoscope	173113003
33H004	Tracheobronchial catheter aspiration with fiberscope, bedside	78738000
33H005	Bronchoscopic excision of tracheobronchial neoplasm SYNONYM • Endoscopic excision of tracheobronchial neoplasm • Endoscopic excision of tracheobronchial tumor	7221000179100
33H006	Bronchoscopic resection of lesion	232600009
33H007	Bronchoscopic snare resection of lesion	232601008
33H008	Bronchoscopy with excision of lesion from bronchus SYNONYM • Endoscopy with excision of lesion from bronchus	48616004
33H009	Cryoextraction of endobronchial lesion using bronchoscopy SYNONYM • Bronchoscopic cryoextraction of endobronchial lesion	1389223005
33H010	Endoscopic excision of polyp of bronchus	447751001

Code	Term	SCTID
33H011	Fiberoptic bronchoscopic snare resection of lesion below trachea SYNONYM • Fiberoptic endoscopic snare resection of lesion below trachea	173152005
33H012	Rigid bronchoscopy and snare resection of lesion below trachea SYNONYM • Endoscopic snare resection of lesion below trachea using rigid bronchoscope	173117002
33H013	Thoracoscopic sleeve pneumonectomy of bronchus using robotic assistance SYNONYM • RATS (robotic-assisted thoracoscopic surgery) bronchial sleeve resection with pulmonary resection • RATS (robotic-assisted thoracoscopic surgery) sleeve pneumonectomy of bronchus • Thoracoscopic bronchial sleeve resection with pulmonary resection using robotic assistance	1366306005
33H014	Thoracoscopic bronchial sleeve resection with pulmonary resection using video assistance SYNONYM • VATS (video-assisted thoracoscopic surgery) sleeve pneumonectomy of bronchus • VATS (video-assisted thoracoscopic surgery) bronchial sleeve resection with pulmonary resection	1366316002
33H015	Thoracoscopic excision of bulla of lung using robotic assistance SYNONYM • RATS (robotic-assisted thoracoscopic surgery) bullectomy of lung • RATS (robotic-assisted thoracoscopic surgery) excision of bulla of lung	1366221001
33H016	Thoracoscopic excision of bulla of lung using video assistance SYNONYM • VATS (video-assisted thoracoscopic surgery) bullectomy of lung • VATS (video-assisted thoracoscopic surgery) excision of bulla of lung	1366210005

Code	Term	SCTID
33H017	Thoracoscopic excision of lung using robotic assistance SYNONYM • RATS (robotic-assisted thoracoscopic surgery) excision of lung • RATS (robotic-assisted thoracoscopic surgery) pneumonectomy	1366228007
33H018	Thoracoscopic excision of lung using video assistance SYNONYM • VATS (video-assisted thoracoscopic surgery) excision of lung • VATS (video-assisted thoracoscopic surgery) pneumonectomy	1366211009
33H019	Thoracoscopic wedge resection of lung	444188003
33H020	Thoracoscopic wedge resection of lung using robotic assistance SYNONYM • RATS (robotic assisted thoracoscopic surgery) wedge excision of lung	1366166001
33H021	Thoracoscopic wedge resection of lung using video assistance SYNONYM • VATS (video-assisted thoracoscopic surgery) wedge resection of lung	1366310008
33H022	Video-assisted thoracoscopic bullectomy of lung with partial pleurectomy SYNONYM • Bullectomy of lung with partial pleurectomy and VATS (video assisted thoracic surgery)	81291000146107
33H023	Thoracoscopic excision of segment of lung using robotic assistance SYNONYM • Thoracoscopic segmentectomy of lung using robotic assistance • RATS (robotic-assisted thoracoscopic surgery) excision of segment of lung • RATS (robotic-assisted thoracoscopic surgery) segmentectomy of lung	1366303002
33H024	Thoracoscopic excision of segment of lung using video assistance SYNONYM • VATS (video-assisted thoracoscopic surgery) pulmonary segmentectomy • VATS (video-assisted thoracoscopic surgery) excision of segment of lung	1366249008

Code	Term	SCTID
33H025	Thoracoscopic partial lobectomy of lung	119000
33H026	Robot assisted thoracoscopic lobectomy SYNONYM • Thoracoscopic excision of lobe of lung using robotic assistance • RATS (robotic assisted thoracoscopic surgery) lobectomy • Thoracoscopic lobectomy of lung using robotic assistance	1338057004
33H027	Thoracoscopic excision of lobe of lung using video assistance SYNONYM • VATS (video-assisted thoracoscopic surgery) excision of lobe of lung • VATS (video-assisted thoracoscopic surgery) lobectomy of lung	1366248000
33H028	Thoracoscopic excision of lower and middle lobe of right lung using robotic assistance SYNONYM • RATS (robotic-assisted thoracoscopic surgery) inferior bilobectomy of lung • RATS (robotic-assisted thoracoscopic surgery) excision of lower and middle lobe of right lung	1367670002
33H029	Thoracoscopic excision of lower lobe of right lung using robotic assistance SYNONYM • RATS (robotic-assisted thoracoscopic surgery) excision of lower lobe of right lung	1366232001
33H030	Thoracoscopic excision of lower lobe of left lung using robotic assistance SYNONYM • RATS (robotic-assisted thoracoscopic surgery) excision of lower lobe of left lung	1366231008
33H031	Thoracoscopic excision of lower lobe of left lung using video assistance SYNONYM • VATS (video-assisted thoracoscopic surgery) excision of lower lobe of left lung	1366254004

Code	Term	SCTID
33H032	Thoracoscopic excision of lower lobe of right lung using video assistance SYNONYM • VATS (video-assisted thoracoscopic surgery) excision of lower lobe of right lung	1366253005
33H033	Thoracoscopic excision of middle and lower lobe of right lung using video assistance SYNONYM • VATS (video-assisted thoracoscopic surgery) inferior bilobectomy of lung	1366246001
33H034	Thoracoscopic excision of middle lobe of right lung using robotic assistance SYNONYM • RATS (robotic-assisted thoracoscopic surgery) excision of middle lobe of right lung	1366229004
33H035	Thoracoscopic excision of middle lobe of right lung using video assistance SYNONYM • VATS (video-assisted thoracoscopic surgery) excision of middle lobe of right lung	1366250008
33H036	Thoracoscopic excision of upper and middle lobe of right lung using robotic assistance SYNONYM • RATS (robotic-assisted thoracoscopic surgery) superior bilobectomy of lung	1366235004
33H037	Thoracoscopic excision of upper and middle lobe of right lung using video assistance SYNONYM • VATS (video-assisted thoracoscopic surgery) superior bilobectomy of lung	1366256002
33H038	Thoracoscopic excision of upper lobe of right lung using robotic assistance SYNONYM • RATS (robotic-assisted thoracoscopic surgery) excision of upper lobe of right lung	1366233006

Code	Term	SCTID
33H039	Thoracoscopic excision of upper lobe of left lung using robotic assistance SYNONYM • RATS (robotic-assisted thoracoscopic surgery) excision of upper lobe of left lung	1366230009
33H040	Thoracoscopic excision of upper lobe of left lung using video assistance SYNONYM • VATS (video-assisted thoracoscopic surgery) excision of upper lobe of left lung	1366255003
33H041	Thoracoscopic excision of upper lobe of right lung using video assistance SYNONYM • VATS (video-assisted thoracoscopic surgery) excision of upper lobe of right lung	1366251007
33H042	Thoracoscopic lobectomy of lung	75935006
33H043	Video assisted thoracoscopy for major lung resection	711415002
33H044	Thoracoscopic extrapleural pneumonectomy using robotic assistance SYNONYM • RATS (robotic-assisted thoracoscopic surgery) extrapleural pneumonectomy	1366220000
33H045	Thoracoscopic extrapleural pneumonectomy using video assistance SYNONYM • VATS (video-assisted thoracoscopic surgery) extrapleural pneumonectomy	1366214001
33H046	Thoracoscopic pleuropneumonectomy using robotic assistance SYNONYM • RATS (robotic-assisted thoracoscopic surgery) pleuropneumonectomy	1366219006

Code	Term	SCTID
33H047	Thoracoscopic pleuropneumectomy using video assistance SYNONYM • VATS (video-assisted thoracoscopic surgery) pleuropneumectomy	1366209000
33H048	Thoracoscopic pneumectomy	25321000
33H049	Bronchoscopy with drainage of lung abscess	47806007
33H050	Thoracoscopic decortication of lung using robotic assistance SYNONYM • RATS (robotic assisted thoracoscopic surgery) decortication of lung	1366318001
33H051	Thoracoscopic decortication of lung using video assistance SYNONYM • VATS (video-assisted thoracoscopic surgery) decortication of lung	1366314004
33H052	Thoracoscopy with partial pulmonary decortication	439309000
33H053	Thoracoscopy with total pulmonary decortication and intrapleural pneumonolysis	439817002
33H054	Thoracoscopic decortication of lung and parietal pleurectomy using robotic assistance SYNONYM • RATS (robotic assisted thoracoscopic surgery) decortication of lung and parietal pleurectomy	1366319009
33H055	Thoracoscopic decortication of lung and parietal pleurectomy using video assistance SYNONYM • VATS (video-assisted thoracoscopic surgery) decortication of lung and parietal pleurectomy	1366313005
33H056	Cryoextraction of endobronchial foreign body using bronchoscopy SYNONYM • Bronchoscopic cryoextraction of endobronchial foreign body	1389224004
33H057	Fiberoptic bronchoscopic removal of foreign body	173156008
33H058	Removal of intraluminal foreign body from bronchus by bronchoscopy SYNONYM • Removal of intraluminal foreign body bronchus	58205009

Code	Term	SCTID
33H059	Rigid bronchoscopic removal of foreign body SYNONYM • Rigid bronchoscopy to remove foreign body	173114009

6.3.9. Repair

Code	Term	SCTID
33J000	Bronchoscopic closure of fistula	232603006

6.3.11. Structural modification

Code	Term	SCTID
33L000	Bronchoscopy with bronchial dilation	84041000
33L001	Dilation of bronchus using rigid bronchoscope SYNONYM • Rigid bronchoscopic dilation • Dilatation of bronchus using rigid bronchoscope	1363293001
33L002	Endoscopic balloon dilation of bilateral bronchi SYNONYM • Endoscopic balloon dilatation of bilateral bronchi • Endoscopic balloon dilatation of both bronchi	1333966001
33L003	Endoscopic balloon dilation of right bronchus SYNONYM • Endoscopic balloon dilatation of right bronchus	1333965002
33L004	Endoscopic balloon dilation of left bronchus SYNONYM • Endoscopic balloon dilatation of left bronchus	1333964003
33L005	Endoscopic balloon dilation of bronchus SYNONYM • Endoscopic balloon dilatation of bronchus	847071000000 103
33L006	Bronchoscopic lung volume reduction SYNONYM • BLVR - bronchoscopic lung volume reduction	698009006
33L007	Thoracoscopic lung volume reduction surgery using robotic assistance SYNONYM • RATS (robotic-assisted thoracoscopic surgery) lung volume reduction surgery	1366317006

Code	Term	SCTID
33L008	Thoracoscopic lung volume reduction surgery using video assistance SYNONYM • VATS (video-assisted thoracoscopic surgery) lung volume reduction surgery	1366312000
33L009	Endobronchial tamponade	1363019006

6.4. Procedures on chest wall, pleura, mediastinum, and diaphragm

6.4.1. Biopsy

Code	Term	SCTID
34A000	Thoracoscopy and biopsy of intrathoracic organ	266069000
34A001	Thoracoscopic biopsy of pleura SYNONYM • Thoracoscopy and biopsy of pleura	116024005
34A002	Thoracoscopy with biopsy SYNONYM • Thoracoscopic biopsy • Thoracoscopy and biopsy	26058004

6.4.2. Destruction

Code	Term	SCTID
34B000	Thoracoscopy with control of traumatic hemorrhage	439413006
34B001	Thoracoscopic destruction of pleural lesion	238352007

6.4.3. Evaluation-inspection

Code	Term	SCTID
34C000	Cavernoscopy of thorax	359726004
34C001	Chest wall endoscopy	120150001
34C002	Pleuroscopy SYNONYM • Local anesthetic thoracoscopy • MT - medical thoracoscopy	472818003
34C003	Thoracoscopy SYNONYM • Transpleural thoracoscopy • Video assisted thoracotomy	14671001

Code	Term	SCTID
34C004	Uniportal VATS - video assisted thoracoscopic surgery SYNONYM • Uniportal video assisted thoracoscopic surgery	719351007
34C005	Video assisted thoracoscopy SYNONYM • VATS - video assisted thoracic surgery	449201002
34C006	Video assisted thoracoscopy for control of hemorrhage SYNONYM • Video assisted thoracoscopy for hemostasis	792798008

6.4.5. Fixation

Code	Term	SCTID
34E000	Thoracoscopic pleurodesis SYNONYM • Endoscopic pleurodesis	38506001
34E001	Thoracoscopic pleurodesis using robotic assistance SYNONYM • RATS (robotic-assisted thoracoscopic surgery) pleurodesis	1366234000
34E002	Thoracoscopic pleurodesis using video assistance SYNONYM • VATS (video-assisted thoracoscopic surgery) pleurodesis	1366252000
34E003	Endoscopic pleurodesis using talc	177806004

6.4.6. Introduction

Code	Term	SCTID
34F000	Thoracoscopic instillation of substance into pleural cavity	238353002

6.4.7. Opening

Code	Term	SCTID
34G000	Thoracoscopic surgery using robotic assistance SYNONYM • Robotic-assisted thoracoscopy • RATS - robotic-assisted thoracoscopic surgery	1366218003

6.4.8. Removal

Code	Term	SCTID
34H000	Thoracoscopy with removal of intrapleural fibrin deposit	439439009
34H001	Video-assisted thoracoscopic drainage of hemothorax	92661000146105
34H002	Thoracoscopic excision of chest wall using robotic assistance SYNONYM • RATS (robotic-assisted thoracoscopic surgery) excision of chest wall	1366217008
34H003	Thoracoscopic excision of chest wall using video assistance SYNONYM • VATS (video-assisted thoracoscopic surgery) excision of chest wall	1366216004
34H004	Endoscopic extirpation of lesion of pleura	177805000
34H005	Endoscopic pleurectomy	177808003

กลุ่มที่ 7: Procedures on the cardiovascular system

7.1. Procedures on valves and septa of heart

7.1.9. Repair

Code	Term	SCTID
35J000	Port-access repair of mitral valve	139841000146 102
35J001	Repair of mitral valve using robotic assistance SYNONYM • Repair of mitral valve using robot assistance • Robot assisted repair of mitral valve	1204284001
35J002	Robotic assisted closure of atrial septal defect SYNONYM • Robot assisted closure of ASD (atrial septal defect) • Closure of atrial septal defect using robotic assistance	1230404006

7.2. Procedures on vessels of heart

7.2.3. Evaluation-inspection

Code	Term	SCTID
36C000	Endoscopy of coronary artery SYNONYM • Angioscopy of coronary artery	45471009

7.2.9. Repair

Code	Term	SCTID
36J000	Coronary artery bypass using robotic assistance SYNONYM • RACAB - robot assisted coronary artery bypass	1287561002

7.3. Other procedures on heart and pericardium

7.3.1. Biopsy

Code	Term	SCTID
37A000	Ultrasonography guided transbronchial mediastinal cryobiopsy SYNONYM • Transbronchial mediastinal cryobiopsy using endobronchial ultrasound guidance	1389222000

Code	Term	SCTID
37A001	Endoscopic ultrasonography guided biopsy of mediastinum SYNONYM • Biopsy of mediastinum using endoscopic ultrasonography guidance • Biopsy of mediastinum using endoscopic ultrasound guidance	1217697005
37A002	Mediastinoscopy with biopsy SYNONYM • Mediastinoscopy and biopsy	45334006
37A003	Thoracoscopic biopsy of pericardium	708743009

7.3.3. Evaluation-inspection

Code	Term	SCTID
37C000	Thoracoscopy of pericardial sac	1217360009
37C001	Cervical mediastinoscopy	262457001
37C002	Mediastinoscopy SYNONYM • Endoscopic exploration of mediastinum • Mediastinal endoscopy	261479009
37C003	Mediastinoscopy without biopsy	260584009
37C004	Thoracoscopy of mediastinal space	1217359004
37C005	Endo-esophageal ultrasonography of mediastinum SYNONYM • Endoscopic ultrasonography of mediastinum	441483001
37C006	Endobronchial ultrasound examination of mediastinum	441561002
37C007	Endoscopy of pericardium	63520003

7.3.8. Removal

Code	Term	SCTID
37H000	Mediastinoscopic removal of lesion	173206006
37H001	Mediastinoscopy and aspiration of lesion	238326001
37H002	Thoracoscopic excision of cyst of pericardium	444080008
37H003	Thoracoscopic excision of mass of pericardium	444141002
37H004	Thoracoscopic excision of neoplasm of pericardium	444068000
37H005	Thoracoscopy with excision of pericardial lesion	439435003

Code	Term	SCTID
37H006	Thoracoscopy with total pericardiectomy	439409004
37H007	Bilateral video-assisted thoracoscopic pulmonary vein isolation with excision of left atrial appendage SYNONYM • VATS (video-assisted thoracoscopic surgery) pulmonary vein isolation with excision of left atrial appendage • Thoracoscopic bilateral video-assisted pulmonary vein isolation with excision of left atrial appendage	1366473002

7.4. Procedures on vessels

7.4.8. Removal

Code	Term	SCTID
39H000	Laparoscopic removal of tumor thrombus associated with renal cell carcinoma from inferior vena cava SYNONYM • Laparoscopic renal cell carcinoma tumor thrombectomy from inferior vena cava • Laparoscopic removal of tumor thrombus associated with renal cell carcinoma from IVC (inferior vena cava)	1389339000
39H001	Laparoscopic removal of tumor thrombus associated with renal cell carcinoma from inferior vena cava using robotic assistance SYNONYM • Laparoscopic renal cell carcinoma tumor thrombectomy from inferior vena cava using robotic assistance • Laparoscopic removal of tumor thrombus associated with renal cell carcinoma from IVC (inferior vena cava) using robotic assistance	1389340003
39H002	Thoracoscopic sleeve pulmonary artery excision using video assistance SYNONYM • VATS (video-assisted thoracoscopic surgery) sleeve pulmonary artery resection • Thoracoscopic sleeve pulmonary artery resection using video assistance	1366315003

Code	Term	SCTID
39H003	Thoracoscopic sleeve pulmonary artery resection using robotic assistance SYNONYM • RATS (robotic-assisted thoracoscopic surgery) sleeve pulmonary artery resection	1366305009

7.4.12. Other

Code	Term	SCTID
39X000	Endoscopic harvesting of radial artery	713167000
39X001	Endoscopic harvesting of saphenous vein SYNONYM • Harvesting of saphenous vein using endoscopy	712982004
39X002	Endoscopic harvesting of vein	713166009

กลุ่มที่ 8: Procedures on the hemic and lymphatic system

8.1. Procedures on lymphatic system

8.1.1. Biopsy

Code	Term	SCTID
40A000	Endoscopic ultrasonography guided fine needle aspiration of abdominal lymph node SYNONYM • EUS FNA (endoscopic ultrasonography fine needle aspiration) of abdominal lymph node • Endoscopic ultrasound guided fine needle aspiration of abdominal lymph node • Fine needle aspiration of abdominal lymph node using endoscopic ultrasonography guidance • Fine needle aspiration biopsy of abdominal lymph node using endoscopic ultrasonography guidance	897715002
40A001	Endoscopic ultrasonography guided fine needle aspiration of mediastinal lymph node SYNONYM • Fine needle aspiration of mediastinal lymph node using endoscopic ultrasonography guidance • Endoscopic ultrasound guided fine needle aspiration of mediastinal lymph node • EUS FNA (endoscopic ultrasonography fine needle aspiration) of mediastinal lymph node • Fine needle aspiration biopsy of mediastinal lymph node using endoscopic ultrasonography guidance	879954008
40A002	Endoscopic ultrasonography guided fine needle aspiration of retroperitoneal lymph node SYNONYM • Fine needle aspiration of retroperitoneal lymph node using endoscopic ultrasonography guidance • EUS FNA (endoscopic ultrasonography fine needle aspiration) of retroperitoneal lymph node • Endoscopic ultrasound guided fine needle aspiration of retroperitoneal lymph node • Fine needle aspiration biopsy of retroperitoneal lymph node using endoscopic ultrasonography guidance	880064002

Code	Term	SCTID
40A003	Laparoscopic biopsy of intra-abdominal lymph node	1389353000
40A004	Laparoscopic biopsy of pelvic lymph node SYNONYM • Laparoscopic pelvic lymph biopsy	413115009
40A005	Laparoscopic biopsy of retroperitoneal lymph node	1389412009

8.1.3. Evaluation-inspection

Code	Term	SCTID
40C000	Lymphatic system endoscopy	107998002

8.1.4. Evaluation-other

Code	Term	SCTID
40D000	Mediastinoscopy and lymph node sampling	238325002

8.1.8. Removal

Code	Term	SCTID
40H000	Endoscopic endobronchial ultrasonography guided transbronchial needle aspiration of mediastinal lymph node SYNONYM • Transbronchial needle aspiration of mediastinal lymph node using endoscopic endobronchial ultrasonography guidance • Endoscopic endobronchial ultrasound guided transbronchial needle aspiration of mediastinal lymph node • Endoscopic EBUS-TBNA (endobronchial ultrasound transbronchial needle aspiration) of mediastinal lymph node	1137699004
40H001	Laparoscopic excision of ilioinguinal lymph node SYNONYM • Laparoscopic ilioinguinal lymphadenectomy	1389414005
40H002	Laparoscopic excision of ilioinguinal lymph node using robotic assistance SYNONYM • Laparoscopic ilioinguinal lymphadenectomy using robotic assistance	1389413004
40H003	Laparoscopic excision of pelvic lymph node	446855009

Code	Term	SCTID
40H004	Laparoscopic retroperitoneal lymph node dissection SYNONYM • Laparoscopic excision of retroperitoneal lymph node	445917006
40H005	Laparoscopic D1 lymph node dissection SYNONYM • Laparoscopic excision of perigastric lymph nodes	447347001
40H006	Laparoscopic D2 lymph node dissection	446255002
40H007	Laparoscopic dissection of para-aortic lymph node group SYNONYM • Laparoscopic dissection of para-aortic lymph nodes	1268346007
40H008	Robot assisted laparoscopic para-aortic lymph node dissection SYNONYM • Laparoscopic para-aortic lymph node dissection using robotic assistance	708888002
40H009	Laparoscopic excision of pelvic lymph node using robotic assistance SYNONYM • Laparoscopic pelvic lymphadenectomy using robotic assistance	1389415006
40H010	Robot assisted laparoscopic retroperitoneal lymph node dissection SYNONYM • Laparoscopic excision of retroperitoneal lymph node using robotic assistance	852921000168 105
40H011	Robot assisted laparoscopic pelvic lymph node dissection SYNONYM • Laparoscopic pelvic lymph node dissection using robotic assistance	712993002
40H012	Thoracoscopic excision of mediastinal lymph node using robotic assistance SYNONYM • RATS (robotic-assisted thoracoscopic surgery) excision of mediastinal lymph node	1366304008

Code	Term	SCTID
40H013	Thoracoscopic excision of mediastinal lymph node using video assistance SYNONYM • VATS (video-assisted thoracoscopic surgery) excision of mediastinal lymph node	1366247005
40H014	Laparoscopic drainage of lymphocele to peritoneal cavity	440183002
40H015	Laparoscopic decortication of lymphocele after kidney transplant	1389389008

8.2. Procedures on bone marrow and spleen

8.2.8. Removal

Code	Term	SCTID
41H000	Laparoscopic partial splenectomy SYNONYM • Laparoscopic excision of part of spleen	446408009
41H001	Robot assisted excision of spleen SYNONYM • Robot assisted splenectomy • Excision of spleen using robotic assistance • Robotic splenectomy	1237579002
41H002	Laparoscopic total splenectomy	314118002

กลุ่มที่ 9: Procedures on the digestive system

9.1. Procedures on esophagus

9.1.1. Biopsy

Code	Term	SCTID
42A000	Endoscopic ultrasonography guided biopsy of esophagus SYNONYM • Biopsy of esophagus using endoscopic ultrasonography guidance • Biopsy of esophagus using endoscopic ultrasound guidance	1217403005
42A001	Esophagoscopy for biopsy SYNONYM • Endoscopic biopsy of esophagus • Endoscopic esophagus biopsy	71658001
42A002	Esophagoscopy for biopsy and collection of specimen by brushing or washing	23864003
42A003	Fiberoptic esophagoscopy and biopsy SYNONYM • Fiberoptic endoscopic examination of esophagus and biopsy of lesion of esophagus	173652009
42A004	Rigid esophagoscopy and biopsy SYNONYM • Endoscopic examination of esophagus and biopsy of lesion of esophagus using rigid esophagoscope	173671006

9.1.2. Destruction

Code	Term	SCTID
42B000	Endoscopic coagulation of esophageal hemorrhage SYNONYM • Endoscopic control of esophageal bleeding	698412001
42B001	Endoscopic control of esophageal hemorrhage using thermocoagulation SYNONYM • Endoscopic control of esophageal bleeding using thermocoagulation • Endoscopic thermocoagulation of esophageal hemorrhage	698410009

Code	Term	SCTID
42B002	Endoscopic laser destruction of lesion of esophagus using rigid esophagoscope SYNONYM • Rigid esophagoscopy and laser	173658008
42B003	Endoscopic radiofrequency ablation of esophageal epithelium	713830006
42B004	Esophagogastroduodenoscopy with control of hemorrhage of esophagus by thermocoagulation SYNONYM • EGD (esophagogastroduodenoscopy) with control of esophageal hemorrhage by thermocoagulation • EGD (esophagogastroduodenoscopy) with control of hemorrhage of esophagus by thermocoagulation • Esophagogastroduodenoscopy with control of esophageal hemorrhage by thermocoagulation	1255198001
42B005	Esophagogastroduodenoscopy with radiofrequency ablation of esophagus SYNONYM • EGD (esophagogastroduodenoscopy) with RFA (radiofrequency ablation) of esophagus	1255200007
42B006	Fiberoptic endoscopic coagulation of hemorrhage of esophagus	771623009
42B007	Fiberoptic endoscopic coagulation of hemorrhage of esophagus using hemostatic spray	1263705001
42B008	Fiberoptic endoscopic laser destruction of lesion of esophagus	173637002
42B009	Fiberoptic endoscopic photodynamic therapy of lesion of esophagus	426427009
42B010	Fiberoptic esophagoscopy and cauterization SYNONYM • Fiberoptic endoscopic cauterization of lesion of esophagus	173638007
42B011	Rigid esophagoscopy and cauterization SYNONYM • Endoscopic cauterization of lesion of esophagus using rigid esophagoscope	173659000

Code	Term	SCTID
42B012	Esophagogastroduodenoscopic electrohydraulic lithotripsy of bezoar in stomach SYNONYM • Esophagogastroduodenoscopic electrohydraulic lithotripsy of gastric bezoar • EGD (esophagogastroduodenoscopic) electrohydraulic lithotripsy of gastric bezoar • EGD (esophagogastroduodenoscopic) electrohydraulic lithotripsy of bezoar in stomach	1263486002

9.1.3. Evaluation-inspection

Code	Term	SCTID
42C000	Esophagoscopy by intraoperative incision	69022006
42C001	Esophagogastroscope through stoma	22546005
42C002	Esophagoscopy through artificial stoma	16029001
42C003	Fiberoptic esophagoscopy via stoma	1208536001
42C004	Endoscopic ultrasonography of esophagus	432239008
42C005	Endoscopy of esophagus SYNONYM • Esophagoscopy • Endoscopic examination of esophagus	49230008
42C006	Endoscopy of pharynx, trachea and esophagus SYNONYM • Pharyngo-tracheo-esophageal panendoscopy	6601000179108
42C007	Esophagoscopy - direct	274376003
42C008	Flexible fiberoptic esophagoscopy	1208535002
42C009	Rigid esophagoscopy	235145000
42C010	Transnasal esophagoscopy	870570006
42C011	Esophagogastroduodenoscopy with clipping for control of hemorrhage of esophagus SYNONYM • EGD (esophagogastroduodenoscopy) with clipping for control of hemorrhage of esophagus • Esophagogastroduodenoscopy with clipping for control of esophageal hemorrhage • EGD (esophagogastroduodenoscopy) with clipping for control of esophageal hemorrhage	1255197006

Code	Term	SCTID
42C012	Esophagogastroduodenoscopy with control of hemorrhage of esophagus SYNONYM • EGD (esophagogastroduodenoscopy) with control of esophageal hemorrhage	1255196002
42C013	Esophagoscopy for control of hemorrhage	89483003
42C014	Esophagogastroscope via gastrotomy SYNONYM • Gastroesophagoscopy via gastrotomy	173823009
42C015	Esophagogastroscope	392153002
42C016	Esophagogastroduodenoscopy through stoma	288761008
42C017	Esophagogastroduodenoscopy SYNONYM • Upper gastrointestinal endoscopy • Endoscopic examination of upper gastrointestinal tract • Upper GI (gastrointestinal) endoscopy • EGD - esophagogastroduodenoscopy	76009000
42C018	Fiberoptic endoscopic examination of upper gastrointestinal tract and staining of gastric mucosa	426011008

9.1.6. Introduction

Code	Term	SCTID
42F000	Esophagogastroduodenoscopy and insertion of endosponge into esophagus SYNONYM • Esophagogastroduodenoscopy and intraluminal insertion of sponge into esophagus • Esophagogastroduodenoscopy with insertion of endosponge into esophagus • EGD (esophagogastroduodenoscopy) with insertion of endosponge into esophagus • Esophagogastroduodenoscopy and endoluminal vacuum therapy in esophagus	1288009005

Code	Term	SCTID
42F001	Endoscopic insertion of pH monitoring capsule into esophagus	768976007
42F002	Endoscopic control of esophageal hemorrhage by injection SYNONYM • Endoscopic control of esophageal bleeding by injection	698411008
42F003	Endoscopy of upper gastrointestinal tract and injection of varix of esophagus SYNONYM • Endoscopy of upper gastrointestinal tract and injection of esophageal varices • Esophagogastroduodenoscopy and injection of esophageal varices	446742004
42F004	Esophagogastroduodenoscopy with control of esophageal hemorrhage by injection SYNONYM • EGD (esophagogastroduodenoscopy) with control of esophageal hemorrhage by injection	1251572005
42F005	Esophagoscopy for injection of esophageal varices SYNONYM • Injection of sclerosing agent into esophageal varices by endoscopy • Endoscopic injection of esophageal varices • Injection of esophageal varices by endoscopy • Injection of varicose veins of esophagus by endoscopy	73282006
42F006	Fiberoptic esophagoscopy and banding of esophageal varices SYNONYM • Fiberoptic endoscopic banding of esophageal varices	173641003
42F007	Fiberoptic esophagoscopy and injection sclerotherapy of varices SYNONYM • Fiberoptic endoscopic injection sclerotherapy to esophageal varices	173639004
42F008	Rigid esophagoscopy and injection sclerotherapy of varices SYNONYM • Endoscopic injection sclerotherapy to varices of esophagus using rigid esophagoscope	173660005

Code	Term	SCTID
42F009	Endoscopic insertion of esophageal stent using fluoroscopic guidance	431615005
42F010	Endoscopic insertion of tubal prosthesis into esophagus	290018002
42F011	Endoscopy of upper gastrointestinal tract and insertion of esophageal stent SYNONYM • Esophagogastroduodenoscopy and insertion of esophageal stent	446332003
42F012	Fiberoptic endoscopic insertion of expanding covered metal stent into esophagus	425631004
42F013	Fiberoptic endoscopic insertion of expanding metal stent into esophagus	426887000
42F014	Fiberoptic esophagoscopy and insertion of tube prosthesis SYNONYM • Fiberoptic endoscopic insertion of tubal prosthesis into esophagus	265352003
42F015	Rigid esophagoscopy and insertion of tube prosthesis SYNONYM • Endoscopic insertion of tubal prosthesis into esophagus using rigid esophagoscope	265354002
42F016	Esophagogastroduodenoscopy and insertion of endosponge into stomach SYNONYM • EGD (esophagogastroduodenoscopy) with insertion of endosponge into stomach • Esophagogastroduodenoscopy with insertion of endosponge into stomach • Esophagogastroduodenoscopy and intraluminal insertion of sponge into stomach • Esophagogastroduodenoscopy and endoluminal vacuum therapy in stomach	1288008002

Code	Term	SCTID
42F017	Esophagogastroduodenoscopy and insertion of endosponge into small intestine SYNONYM • EGD (esophagogastroduodenoscopy) with insertion of endosponge in small intestine • Esophagogastroduodenoscopy and intraluminal insertion of sponge into small intestine • Esophagogastroduodenoscopy and endoluminal vacuum therapy in small intestine	1288010000

9.1.7. Opening

Code	Term	SCTID
42G000	Endoscopic division of pharyngoesophageal diverticulum	1370892002
42G001	Endoscopic septotomy of pharyngoesophageal diverticulum SYNONYM • Endoscopic Zenker diverticulum septotomy	1396853008
42G002	Endoscopic surgical procedure on esophagus using laser SYNONYM • Endoscopic laser therapy of esophagus • Endoscopic laser surgery on esophagus	609283008
42G003	Endoscopic laser surgery on lesion of esophagus SYNONYM • Endoscopic laser therapy of esophageal lesion • Endoscopic surgical procedure on lesion of esophagus using laser	609195004
42G004	Laparoscopic cardiomyotomy SYNONYM • Laparoscopic Heller operation	708890001
42G005	Peroral endoscopic myotomy of esophagus SYNONYM • Peroral endoscopic esophageal myotomy • POEM (peroral endoscopic myotomy) of esophagus	785290008
42G006	Thoracoscopy with esophagomyotomy	440042002
42G007	Operative esophagogastroduodenoscopy	60139001

9.1.8. Removal

Code	Term	SCTID
42H000	Laparoscopic esophagectomy and gastric mobilization SYNONYM • Excision of esophagus and gastric mobilization using laparoscope	712983009
42H001	Esophagogastroduodenoscopy and submucosal dissection of pharynx	1304003004
42H002	Robotic assisted endoscopic transaxillary esophageal diverticulectomy with myotomy SYNONYM • Transaxillary endoscopic diverticulectomy of esophagus with myotomy using robotic assistance	1187086002
42H003	Endoscopic excision of lesion of esophagus	37576003
42H004	Endoscopic excision of tissue of esophagus	609280006
42H005	Endoscopic extirpation of lesion of esophagus using rigid esophagoscope	173656007
42H006	Endoscopic submucosal dissection of esophagus SYNONYM • ESD (endoscopic submucosal dissection) of esophagus	1389237001
42H007	Endoscopy of upper gastrointestinal tract and excision of mucosa of esophagus SYNONYM • Esophagogastroduodenoscopy and mucosectomy of esophagus	446728007
42H008	Endoscopy of upper gastrointestinal tract and excision of polyp of esophagus SYNONYM • Esophagogastroduodenoscopy and polypectomy of esophagus	445976006
42H009	Esophagogastroduodenoscopy with full thickness resection of esophagus	1303993002
42H010	Esophagoscopy for removal of polypoid lesion	24229005
42H011	Fiberoptic endoscopic excision of lesion of mucous membrane of esophagus SYNONYM • Fiberoptic endoscopic mucosal resection of lesion of esophagus	771567002

Code	Term	SCTID
42H012	Fiberoptic endoscopic extirpation of lesion of esophagus SYNONYM • Fiberoptic endoscopic destruction of lesion of esophagus	173635005
42H013	Fiberoptic endoscopic submucosal resection of lesion of esophagus	426105008
42H014	Fiberoptic esophagoscopy and snare resection SYNONYM • Fiberoptic endoscopic snare resection of lesion of esophagus	173636006
42H015	Rigid esophagoscopy and snare resection SYNONYM • Endoscopic snare resection of lesion of esophagus using rigid esophagoscope	173657003
42H016	Video assisted thoracoscopic excision of esophagus	447281005
42H017	Video assisted thoracoscopic excision of esophagus by abdominal approach SYNONYM • Video assisted thoracoscopic esophagectomy by abdominal approach	447517002
42H018	Endoscopy of upper gastrointestinal tract and excision of polyp of stomach SYNONYM • Esophagogastroduodenoscopy and polypectomy of stomach	446735004
42H019	Esophagogastroduodenoscopy and full thickness resection of stomach	1304006007
42H020	Esophagogastroduodenoscopy and full thickness resection of duodenum	1304002009
42H021	Esophagogastroduodenoscopy and full thickness resection of small intestine	1304005006
42H022	Endoscopy of upper gastrointestinal tract and removal of foreign body from esophagus SYNONYM • Esophagogastroduodenoscopy and removal of foreign body from esophagus	446018005

Code	Term	SCTID
42H023	Esophagoscopy for removal of foreign body SYNONYM • Endoscopic removal of intraluminal foreign body from esophagus without incision • Esophagoscopy and removal of foreign body	63065004
42H024	Fiberoptic esophagoscopy and removal of foreign body SYNONYM • Fiberoptic endoscopic removal of foreign body from esophagus	173645007
42H025	Rigid esophagoscopy and removal of foreign body SYNONYM • Endoscopic removal of foreign body from esophagus using rigid esophagoscope	173665000

9.1.9. Repair

Code	Term	SCTID
42J000	Endoscopy of upper gastrointestinal tract and banding of varix of esophagus SYNONYM • Esophagogastroduodenoscopy and banding of esophageal varices • Endoscopy of upper gastrointestinal tract and banding of esophageal varices	446739005
42J001	Rigid esophagoscopy and banding of esophageal varices SYNONYM • Rigid esophagoscopy banding of esophageal varices	173661009
42J002	Esophagogastroduodenoscopy and closure of fistula of esophagus	712995009
42J003	Esophagogastroduodenoscopy and repair of stomach using suture	1304007003
42J004	Esophagogastroduodenoscopy with repair of duodenum using suture SYNONYM • Esophagogastroduodenoscopy with suturing of duodenum	1303994008

Code	Term	SCTID
42J005	Esophagogastroduodenoscopy and closure of duodenal fistula SYNONYM • EGD (esophagogastroduodenoscopy) and closure of duodenal fistula • EGD (esophagogastroduodenoscopy) and closure of fistula of duodenum • Esophagogastroduodenoscopy and closure of fistula of duodenum	1256034006
42J006	Esophagogastroduodenoscopy and repair of small intestine using suture	1303995009

9.1.11. Structural modification

Code	Term	SCTID
42L000	Endoscopic needle knife stricturotomy with balloon dilation of esophagus SYNONYM • Endoscopic incision of esophageal stricture using needle knife with balloon dilation	1389231000
42L001	Fluoroscopy guided endoscopic needle knife stricturotomy with balloon dilation of esophagus SYNONYM • Endoscopic needle knife stricturotomy with balloon dilation of esophagus using fluoroscopic guidance	1389234008
42L002	Dilation of web of esophagus using rigid esophagoscope	427093004
42L003	Endoscopic dilation of esophagus using rigid esophagoscope	448346007
42L004	Endoscopic esophageal dilation using fluoroscopic guidance SYNONYM • Endoscopic esophageal dilatation using fluoroscopic guidance	433166009
42L005	Endoscopy of upper gastrointestinal tract and dilation of esophageal stricture SYNONYM • Esophagogastroduodenoscopy and dilation of esophageal stricture	446014007

Code	Term	SCTID
42L006	Esophagoscopy and bougienage	446737007
42L007	Esophagoscopy for direct dilation	32796003
42L008	Esophagoscopy for insertion of wire to guide dilation	53178003
42L009	Fiberoptic endoscopic balloon dilation of esophagus SYNONYM • Fiberoptic esophagoscopy and balloon dilatation	173646008
42L010	Fiberoptic endoscopic dilation of esophagus	450466005
42L011	Fiberoptic endoscopic dilation of web of esophagus	426532008
42L012	Fiberoptic endoscopic pressure-controlled balloon dilation of lower esophageal sphincter SYNONYM • Fiberoptic endoscopic pressure-controlled balloon dilatation of lower esophageal sphincter	426431003
42L013	Rigid esophagoscopy and balloon dilation SYNONYM • Rigid esophagoscopy and balloon dilatation • Endoscopic balloon dilation of esophagus using rigid esophagoscope	173666004
42L014	Endoscopic dilation and insertion of tube into esophagus SYNONYM • Endoscopic dilation and intubation of esophagus	446736003
42L015	Esophagogastroduodenoscopy gastric outlet reduction SYNONYM • Endoscopic gastric outlet revision • EGD (esophagogastroduodenoscopy) gastric outlet reduction • Endoscopic transoral outlet revision • TOrE - transoral outlet reduction endoscopy	870424001
42L016	Endoluminal gastroplication for gastroesophageal reflux disease SYNONYM • ELGP (endoluminal gastroplication) for GORD (gastroesophageal reflux disease) • ELGP (endoluminal gastroplication) for GERD (gastroesophageal reflux disease)	1288011001

9.2. Procedures on stomach

9.2.1. Biopsy

Code	Term	SCTID
44A000	Endoscopic ultrasonography guided biopsy of stomach SYNONYM • Biopsy of stomach using endoscopic ultrasound guidance • Biopsy of stomach using endoscopic ultrasonography guidance	1220578000
44A001	Endoscopic biopsy of stomach	10077008
44A002	Endoscopic brush biopsy of stomach SYNONYM • Gastroesophageal brush biopsy	10600007
44A003	Endoscopy and biopsy of upper gastrointestinal tract SYNONYM • Esophagogastroduodenoscopy and biopsy • Fiberoptic endoscopic examination of upper gastrointestinal tract and biopsy of lesion of upper gastrointestinal tract	445982009

9.2.2. Destruction

Code	Term	SCTID
44B000	Endoscopic destruction of lesion of stomach	14869003
44B001	Endoscopic destruction of tissue of stomach	609278000
44B002	Endoscopic obliteration of gastric varices	1396225001
44B003	Fiberoptic endoscopic photodynamic therapy of lesion of stomach	425889008
44B004	Fiberoptic endoscopic rubber band ligation of upper gastrointestinal tract varices	426841006
44B005	Endoscopic control of gastric bleeding using thermocoagulation SYNONYM • Endoscopic thermocoagulation of gastric hemorrhage	698322008

Code	Term	SCTID
44B006	Endoscopic control of hemorrhage of stomach using argon plasma coagulation SYNONYM • Endoscopic control of hemorrhage of stomach using APC (argon plasma coagulation) • Endoscopic control of gastric hemorrhage using APC (argon plasma coagulation) • Endoscopic control of gastric bleeding using argon plasma coagulation • Endoscopic control of gastric bleeding using APC (argon plasma coagulation) • Endoscopic control of gastric hemorrhage using argon plasma coagulation • Endoscopic control of bleeding of stomach using APC (argon plasma coagulation)	1263602007
44B007	Fiberoptic endoscopic coagulation of hemorrhage of upper gastrointestinal tract	771624003
44B008	Fiberoptic endoscopic coagulation of hemorrhage of upper gastrointestinal tract using hemostatic spray	1263704002
44B009	Fiberoptic endoscopic cauterization of lesion of upper gastrointestinal tract	173806000
44B010	Fiberoptic endoscopic laser destruction of lesion of upper gastrointestinal tract	173805001
44B011	Fiberoptic endoscopic photodynamic therapy of lesion of upper gastrointestinal tract	427240005
44B012	Endoscopic electrohydraulic lithotripsy of bezoar in stomach SYNONYM • Endoscopic electrohydraulic lithotripsy of gastric bezoar	698735002

9.2.3. Evaluation-inspection

Code	Term	SCTID
44C000	Intraoperative endoscopy of stomach SYNONYM • IOE (intraoperative endoscopy) of stomach • Intraoperative gastric endoscopy • Intraoperative gastroscopy	1287999003

Code	Term	SCTID
44C001	Transabdominal gastroscopy SYNONYM • Operative endoscopy of stomach	13852005
44C002	Gastroscopy through artificial stoma SYNONYM • Percutaneous endoscopy through gastrostomy • Endoscopy of stomach through stoma • Gastroscopy via stoma	3063009
44C003	Endoscopic ultrasonography of stomach SYNONYM • Endoscopic ultrasonography (US) of stomach	431841002
44C004	Endoscopy of stomach SYNONYM • Gastroscopy	386831001
44C005	Endoscopic control of gastric bleeding SYNONYM • Endoscopic coagulation of gastric hemorrhage	44380002
44C006	Endoscopic ultrasound of upper gastrointestinal tract	169252006

9.2.5. Fixation

Code	Term	SCTID
44E000	Laparoscopic gastropexy	708633003

9.2.6. Introduction

Code	Term	SCTID
44F000	Endoscopy of upper gastrointestinal tract and injection of varix of stomach SYNONYM • Esophagogastroduodenoscopy and injection of gastric varices • Endoscopy of upper gastrointestinal tract and injection of gastric varices	446727002
44F001	Insertion of nasogastric feeding tube using endoscopy for upper gastrointestinal tract guidance SYNONYM • Esophagogastroduodenoscopy guided nasogastric feeding tube insertion	445839007

Code	Term	SCTID
44F002	Endoscopic placement of gastrostomy tube	116017009
44F003	Percutaneous endoscopic gastrostomy SYNONYM • PEG - Percutaneous endoscopic gastrostomy • Percutaneous endoscopic insertion of gastrostomy tube	235159007
44F004	Percutaneous endoscopic insertion of gastrostomy tube using fluoroscopic guidance	433243001
44F005	Permanent percutaneous endoscopic gastrostomy	312341002
44F006	Temporary percutaneous endoscopic gastrostomy	312340001
44F007	Upper gastrointestinal endoscopy for directed placement of percutaneous gastrostomy tube	33250001
44F008	Laparoscopic insertion of gastrostomy tube	440118004
44F009	Endoscopic application of hemostyptics to gastric lesion SYNONYM • Endoscopic chemical hemostasis of stomach lesion	307505003
44F010	Endoscopic injection hemostasis of gastric ulcer	314629004
44F011	Endoscopic injection of epinephrine into lesion of stomach for control of hemorrhage SYNONYM • Adrenaline injection for gastric lesion hemostasis	1303802002
44F012	Endoscopic injection of lesion of stomach for control of hemorrhage SYNONYM • Injection into lesion of stomach for hemostasis	1303801009
44F013	Fiberoptic endoscopic sclerotherapy to lesion of upper gastrointestinal tract	173807009
44F014	Endoscopy of upper gastrointestinal tract and tattooing SYNONYM • Esophagogastroduodenoscopy and tattooing	446418004
44F015	Fiberoptic endoscopic insertion of prosthesis into upper gastrointestinal tract	173812005

9.2.7. Opening

Code	Term	SCTID
44G000	Laparoscopic pyloromyotomy	57922004
44G001	Endoscopic surgical procedure on stomach using laser SYNONYM • Endoscopic laser therapy of stomach • Endoscopic laser surgery on stomach	609284002

9.2.8. Removal

Code	Term	SCTID
44H000	Endoscopic excision of lesion of stomach	42527001
44H001	Endoscopic excision of tissue of stomach	609281005
44H002	Endoscopic submucosal dissection of stomach SYNONYM • ESD (endoscopic submucosal dissection) of stomach	1389238006
44H003	Endoscopy of upper gastrointestinal tract and excision of mucosa of stomach SYNONYM • Esophagogastroduodenoscopy and mucosectomy of stomach • Endoscopic excision of mucosa of stomach	446016009
44H004	Fiberoptic endoscopic excision of lesion of stomach	1348336004
44H005	Fiberoptic endoscopic extirpation of lesion of stomach	425632006
44H006	Fiberoptic endoscopic submucosal resection of lesion of stomach SYNONYM • Fiberoptic endoscopic submucosal excision of lesion of stomach	425494001
44H007	Laparoscopic excision of lesion of stomach by intragastric approach	445838004
44H008	Laparoscopic proximal gastrectomy SYNONYM • Excision of proximal stomach using laparoscope	712880008
44H009	Robot assisted laparoscopic proximal subtotal gastrectomy SYNONYM • Laparoscopic proximal subtotal gastrectomy using robotic assistance	708643000

Code	Term	SCTID
44H010	Laparoscopic distal subtotal gastrectomy	711229004
44H011	Laparoscopic sleeve gastrectomy	427074001
44H012	Laparoscopic excision of entire pyloric portion of stomach	1260402001
44H013	Laparoscopic partial gastrectomy	81461000146103
44H014	Laparoscopic radical distal subtotal gastrectomy	1389079000
44H015	Laparoscopic wedge resection of lesion of stomach	446830003
44H016	Robot assisted subtotal gastrectomy SYNONYM • Subtotal gastrectomy using robotic assistance • Robotic assisted subtotal gastrectomy	1260433004
44H017	Robot assisted subtotal gastrectomy with abdominal lymphadenectomy SYNONYM • Robotic assisted subtotal gastrectomy with abdominal lymphadenectomy • Subtotal gastrectomy with abdominal lymphadenectomy using robotic assistance	1263487006
44H018	Laparoscopic total gastrectomy	708987006
44H019	Robot assisted total gastrectomy SYNONYM • Robotic assisted total gastrectomy • Total gastrectomy using robotic assistance	1260434005
44H020	Laparoscopic removal of gastric stimulation electrodes of lesser curvature of stomach	440539003
44H021	Fiberoptic endoscopic excision of lesion of mucous membrane of upper gastrointestinal tract SYNONYM • Fiberoptic endoscopic mucosal resection of lesion of upper gastrointestinal tract	771569004
44H022	Fiberoptic endoscopic extirpation of lesion of upper gastrointestinal tract SYNONYM • Gastroscopy and extirpation of lesion	173803008

Code	Term	SCTID
44H023	Fiberoptic endoscopic snare resection of lesion of upper gastrointestinal tract	173804002
44H024	Fiberoptic endoscopic submucosal resection of lesion of upper gastrointestinal tract	426889002
44H025	Endoscopic removal of percutaneous gastrostomy SYNONYM • PEG - Endoscopic removal of percutaneous gastrostomy	307570007
44H026	Fiberoptic endoscopic removal of gastrostomy tube	427389003
44H027	Endoscopic removal of foreign body from stomach	236157003
44H028	Endoscopic removal of intraluminal foreign body from stomach and small intestine without incision	235362004
44H029	Fiberoptic endoscopic removal of foreign body from upper gastrointestinal tract	173813000
44H030	Gastroscope to remove object	274419001

9.2.9. Repair

Code	Term	SCTID
44J000	Endoscopy of upper gastrointestinal tract and banding of varix of stomach SYNONYM • Endoscopy of upper gastrointestinal tract and banding of gastric varices • Esophagogastroduodenoscopy and banding of gastric varices	446743009
44J001	Endoscopic ultrasonography guided gastrojejunostomy and insertion of stent SYNONYM • EUS (endoscopic ultrasound) guided gastrojejunostomy and insertion of stent • Endoscopic ultrasound guided gastrojejunostomy and insertion of stent • Gastrojejunostomy and insertion of stent using endoscopic ultrasonography guidance	1264335004
44J002	Laparoscopic bypass gastrojejunostomy	708629005

Code	Term	SCTID
44J003	Laparoscopic bypass of stomach SYNONYM • Laparoscopic gastric bypass	708983005
44J004	Laparoscopic gastroenterostomy	307195003
44J005	Laparoscopic closure of perforated gastric ulcer	307190008
44J006	Laparoscopic closure of stomach ulcer using patch SYNONYM • Laparoscopic patch closure of gastric ulcer • Laparoscopic closure of ulcer of stomach using patch	708644006
44J007	Esophagogastroduodenoscopy and closure of fistula of stomach	712997001
44J008	Endoscopic sleeve gastropasty SYNONYM • ESG - endoscopic sleeve gastropasty • Accordion procedure	870378000

9.2.11. Structural modification

Code	Term	SCTID
44L000	Endoscopic dilation of sphincter of pylorus by incision	64906005
44L001	Fiberoptic endoscopic endoluminal plication of gastro-esophageal junction	427421001
44L002	Endoscopy of upper gastrointestinal tract and dilation of cardiac sphincter SYNONYM • Esophagogastroduodenoscopy and dilation of cardiac sphincter	446013001
44L003	Endoscopic dilation of pylorus SYNONYM • Endoscopic dilation of pyloric sphincter	39434003
44L004	Endoscopic dilation of pylorus using fluoroscopic guidance SYNONYM • Endoscopic dilatation of pylorus using fluoroscopic guidance • Endoscopic guided pyloric dilatation • Fluoroscopic guidance for endoscopic dilatation of pylorus	432365005

Code	Term	SCTID
44L005	Endoscopy of upper gastrointestinal tract and dilation of gastric stoma	446723003
44L006	Transoral incisionless fundoplication SYNONYM • Endoscopic fundoplication by transoral approach	1388723001
44L007	Endoscopic total fundoplication using thoracic approach SYNONYM • Endoscopic Nissen fundoplication using thoracic approach	314136002
44L008	Laparoscopic fundoplication	78656005
44L009	Laparoscopic total fundoplication using abdominal approach SYNONYM • Laparoscopic Nissen fundoplication using abdominal approach	314128006
44L010	Laparoscopic gastrostomy SYNONYM • Laparoscopic construction of gastric stoma	440078007
44L011	Laparoscopic plication of greater curvature of stomach SYNONYM • Laparoscopic plication of greater curve of stomach	1263598005
44L012	Primary obesity surgery endoluminal 2 SYNONYM • POSE-2 - primary obesity surgery endoluminal 2 • Modified primary obesity surgery endoluminal	1172524007
44L013	Fiberoptic endoscopic reduction of intussusception of gastroenterostomy	426690009
44L014	Laparoscopic adjustable gastric banding	414574004

9.3. Procedures on small & large intestine

9.3.1. Biopsy

Code	Term	SCTID
45A000	Endoscopic ultrasonography guided biopsy of duodenum SYNONYM • Biopsy of duodenum using endoscopic ultrasonographic guidance • Biopsy of duodenum using endoscopic ultrasound guidance	1370889001

Code	Term	SCTID
45A001	Endoscopic biopsy of duodenum SYNONYM • Duodenoscopy and biopsy	1801001
45A002	Endoscopic biopsy of ileum SYNONYM • Ileoscopy and biopsy • Diagnostic endoscopic examination of ileum and biopsy of lesion of ileum	89337005
45A003	Endoscopic biopsy of jejunum SYNONYM • Jejunoscopy and biopsy	89311007
45A004	Endoscopic brush biopsy of duodenum	32934009
45A005	Endoscopic brush biopsy of ileum	18705006
45A006	Endoscopic brush biopsy of jejunum	49144007
45A007	Endoscopic brush biopsy of small intestine	69851006
45A008	Endoscopic brushings of GIT SYNONYM • Endoscopic brushings of gastrointestinal tract	235157009
45A009	Endoscopic examination of ileoanal pouch and biopsy of ileoanal pouch	1217114001
45A010	Fiberoptic ileoscopy through stoma with biopsy	81179008
45A011	Small intestinal endoscopy with biopsy	39686002
45A012	Duodenoscopy and biopsy of lesion of duodenum SYNONYM • Endoscopic examination of duodenum and biopsy of lesion of duodenum	1208951004
45A013	Endoscopic biopsy of large intestine	80050006
45A014	Endoscopic brush biopsy of large intestine	47792009
45A015	Endoscopic examination of lower bowel and biopsy of lesion of lower bowel	1217118003

9.3.2. Destruction

Code	Term	SCTID
45B000	Endoscopic coagulation of hemorrhage of small intestine SYNONYM • Endoscopic coagulation of small intestine bleeding	1332046003

Code	Term	SCTID
45B001	Endoscopic control of hemorrhage of duodenum using argon plasma coagulation SYNONYM • Endoscopic control of hemorrhage of duodenum using APC (argon plasma coagulation) • Endoscopic control of duodenal hemorrhage using APC (argon plasma coagulation) • Endoscopic control of duodenal bleeding using argon plasma coagulation • Endoscopic control of duodenal hemorrhage using argon plasma coagulation • Endoscopic control of bleeding of duodenum using APC (argon plasma coagulation)	1263734007
45B002	Endoscopic thermocoagulation of duodenum for control of hemorrhage SYNONYM • Endoscopic control of duodenal bleeding using thermocoagulation	609198002
45B003	Endoscopic thermocoagulation of small intestine for control of hemorrhage	609287009
45B004	Fluoroscopy guided endoscopic duodenal mucosal resurfacing SYNONYM • Endoscopic circumferential hydrothermal ablation of mucosa of duodenum using fluoroscopic guidance • DMR - duodenal mucosal resurfacing	1296635004
45B005	Endoscopic destruction of lesion of duodenum	12415007
45B006	Endoscopic ligation of varix of small intestine SYNONYM • Endoscopic ligation of varices of small intestine	446741006
45B007	Endoscopy of upper gastrointestinal tract and ligation of varix of duodenum SYNONYM • Endoscopy of upper gastrointestinal tract and ligation of duodenal varices • Esophagogastroduodenoscopy and ligation of duodenal varices	446744003

Code	Term	SCTID
45B008	Endoscopic destruction of lesion of intestinal conduit	1381229006
45B009	Endoscopic destruction of lesion of large intestine	49870005
45B010	Endoscopic destruction of tissue of large intestine	609282003
45B011	Percutaneous endoscopic destruction of lesion of intestinal conduit	1381256008
45B012	Endoscopic electrohydraulic lithotripsy of duodenal bezoar	698413006

9.3.3. Evaluation-inspection

Code	Term	SCTID
45C000	Endoscopy of lower gastrointestinal tract	1174027007
45C001	Virtual chromoendoscopy of large intestine SYNONYM • VCE (virtual chromoendoscopy) of large intestine	48071000087104
45C002	Endoscopic clipping for control of duodenal hemorrhage SYNONYM • Endoscopic clipping for control of duodenal bleeding	698320000
45C003	Endoscopic control of duodenal bleeding	27129009
45C004	Endoscopic control of small intestine bleeding by clipping	698959000
45C005	Endoscopic procedure on small intestine for control of hemorrhage	609200008
45C006	Pull enteroscopy	235149006
45C007	Endoscopy of small intestine by transabdominal approach	446416000
45C008	Enteroscopy via paracentesis	287531000
45C009	Intraoperative enteroscopy	1389264000
45C010	Duodenoscopy through artificial stoma	286780001
45C011	Endoscopy of ileal conduit SYNONYM • Cystoscopy of ileal conduit • Looposcopy of ileal conduit • Endoscopic examination of ileal conduit	70057004
45C012	Endoscopy of ileum through artificial stoma SYNONYM • Ileoscopy through artificial stoma	41939004

Code	Term	SCTID
45C013	Endoscopy of intestinal conduit	176007002
45C014	Endoscopy of jejunum through artificial stoma	359583006
45C015	Endoscopy of small intestine through artificial stoma	53402007
45C016	Fiberoptic ileoscopy through stoma	68791007
45C017	Gastroduodenoscopy through artificial stoma	287768000
45C018	Capsule endoscopy	427595003
45C019	Double balloon enteroscopy SYNONYM • Enteroscopy using double balloon endoscope	1348354000
45C020	Double balloon retrograde enteroscopy	1386248009
45C021	Duodenoscopy SYNONYM • Endoscopy of duodenum	80267006
45C022	Endoscopic ultrasonography of small intestine	446886003
45C023	Endoscopy of ileum SYNONYM • Ileoscopy	40826009
45C024	Endoscopy of jejunum SYNONYM • Jejunoscopy	90976006
45C025	Capsule endoscopy of large intestine SYNONYM • Endoscopy of large intestine using video capsule endoscopy system • CCE - colon capsule colonoscopy	1204476003
45C026	Endoscopy of small intestine using video capsule SYNONYM • Capsule endoscopy of small intestine • Enteroscopy with video capsule	446885004
45C027	Gastroduodenoscopy	61328004
45C028	Open jejunoscopy	173918008
45C029	Panenteric capsule endoscopy	1396425004
45C030	Push enteroscopy	235148003
45C031	Single balloon enteroscopy	1348355004

Code	Term	SCTID
45C032	Single balloon retrograde enteroscopy	1386249001
45C033	Endoscopy of large intestine by transabdominal approach	446415001
45C034	Endoscopy of large intestine through artificial stoma	57435001
45C035	Endoscopic examination of ileoanal pouch	1217116004
45C036	Endoscopy of large intestine SYNONYM • Large bowel endoscopy	6019008
45C037	Enteroscopy SYNONYM • Endoscopic examination of small intestine • Endoscopy of small intestine	235147008
45C038	Percutaneous endoscopic examination of intestinal conduit	1381254006
45C039	Endoscopic Congo Red Test SYNONYM • ECRT - Endoscopic Congo Red Test	235155001

9.3.4. Evaluation-other

Code	Term	SCTID
45D000	Ultrasonography guided gastrointestinal diagnostic endoscopic sampling SYNONYM • Gastrointestinal diagnostic endoscopic ultrasonography guided sampling	1396421008
45D001	Endoscopic examination of lower bowel and sampling for bacterial overgrowth	1217117008

9.3.6. Introduction

Code	Term	SCTID
45F000	Endoscopic lavage of GIT SYNONYM • Endoscopic lavage of gastrointestinal tract	235156000
45F001	Endoscopic injection hemostasis of duodenal ulcer	314627002

Code	Term	SCTID
45F002	Endoscopic injection of epinephrine into lesion of duodenum for control of hemorrhage SYNONYM • Adrenaline injection hemostasis of duodenal lesion • Injection of epinephrine into lesion of duodenum for hemostasis	1303810001
45F003	Endoscopic injection of small intestine for control of hemorrhage	609288004
45F004	Endoscopic insertion of endoscopy capsule into small intestine	1389303006
45F005	Endoscopic tattooing of small intestine SYNONYM • Endoscopy of small intestine and tattooing	1388425009
45F006	Percutaneous endoscopic insertion of jejunostomy tube	1255199009
45F007	Endoscopic insertion of bowel stent using fluoroscopic guidance SYNONYM • Endoscopic guided enteric stent • Fluoroscopic guidance for endoscopic insertion of bowel stent	432660009
45F008	Fluoroscopy guided endoscopic insertion of duodenal stent SYNONYM • Endoscopic insertion of duodenal stent using fluoroscopic guidance	713047006
45F009	Endoscopic insertion of stent into intestinal conduit	1380352004
45F010	Endoscopic insertion of tubal prosthesis into duodenum	173875000
45F011	Enteroscopic insertion of jejunal stent	1389307007
45F012	Ileoscopy and insertion of tube prosthesis SYNONYM • Endoscopic insertion of tubal prosthesis into ileum	174012003
45F013	Jejunoscopy and insertion of tube prosthesis SYNONYM • Endoscopic insertion of tubal prosthesis into jejunum	173930002
45F014	Percutaneous endoscopic insertion of stent into intestinal conduit	1380355002
45F015	Endoscopic insertion of duodenal tube	1371542001

9.3.7. Opening

Code	Term	SCTID
45G000	Enterotomy and endoscopic examination of ileum	174018004
45G001	Open endoscopic operations on jejunum	271489009
45G002	Endoscopic laser surgery on duodenum SYNONYM • Endoscopic surgical procedure on duodenum using laser • Endoscopic laser therapy of duodenum	609194000

9.3.8. Removal

Code	Term	SCTID
45H000	Paracentesis and endoscopic examination of ileum	174019007
45H001	Endoscopic excision of lesion of duodenum	43750003
45H002	Endoscopic excision of polyp of small intestine	446024004
45H003	Endoscopic extirpation of lesion of duodenum	265376006
45H004	Endoscopic extirpation of lesion of ileum	174010006
45H005	Endoscopic extirpation of lesion of jejunum	173928004
45H006	Endoscopic submucosal dissection of duodenum	1389239003
45H007	Endoscopy of upper gastrointestinal tract and excision of mucosa of duodenum SYNONYM • Esophagogastroduodenoscopy and mucosectomy of duodenum • Endoscopic excision of mucosa of duodenum	446015008
45H008	Endoscopy of upper gastrointestinal tract and excision of polyp of duodenum SYNONYM • Esophagogastroduodenoscopy and polypectomy of duodenum	446017000
45H009	Colonoscopy and full thickness resection of small intestine SYNONYM • Colonoscopic full thickness resection of small intestine	1304050008
45H010	Laparoscopic excision of small intestine SYNONYM • Laparoscopic resection of small intestine	708627007
45H011	Endoscopic mucosal resection of small intestine	1388426005

Code	Term	SCTID
45H012	Endoscopic polypectomy of large intestine using lifting technique SYNONYM • Endoscopic excision of polyp of large intestine using injection to lift polyp • Endoscopic polypectomy of large bowel using lifting technique • Endoscopic excision of polyp of large intestine using lifting technique	47491000087108
45H013	Endoscopic partial polypectomy of large intestine SYNONYM • Endoscopic partial excision of polyp of large intestine	50231000087107
45H014	Endoscopic polypectomy of large intestine	28939002
45H015	Endoscopic excision of lesion of large intestine	78133002
45H016	Endoscopic excision of tissue of large intestine	609279008
45H017	Laparoscopic duodenal switch	1340181009
45H018	Laparoscopic ileectomy SYNONYM • Laparoscopic excision of ileum	1220549001
45H019	Laparoscopic jejunectomy SYNONYM • Laparoscopic excision of jejunum	1220546008
45H020	Partial resection of small bowel using robotic assistance	787938008
45H021	Robot assisted laparoscopic abdominoperineal resection SYNONYM • Laparoscopic abdomino-perineal resection, robotic assisted • Laparoscopic abdominoperineal resection using robotic assistance	708913004
45H022	Laparoscopic-assisted abdominoperineal resection	46569000
45H023	Endoscopic removal of stent from intestinal conduit	1381228003
45H024	Percutaneous endoscopic removal of stent from intestinal conduit	1381231002
45H025	Enteroscopic removal of foreign body from small intestine	1389263006

9.3.9. Repair

Code	Term	SCTID
45J000	Laparoscopic closure of duodenal ulcer using patch SYNONYM • Laparoscopic closure of ulcer of duodenum using patch • Laparoscopic patch closure of duodenal ulcer	708645007
45J001	Laparoscopic anastomosis of small intestine to small intestine	86031000146109
45J002	Laparoscopic duodenojejunal bypass SYNONYM • Laparoscopic duodenal-jejunal bypass	1340182002
45J003	Laparoscopic feeding jejunostomy SYNONYM • Laparoscopic construction of feeding jejunostomy	159671000146105
45J004	Laparoscopic closure of ileostomy	86021000146107
45J005	Laparoscopic reversal of Hartmann procedure SYNONYM • LHPR - laparoscopic Hartmann procedure reversal • Laparoscopic reversal of Hartmann's operation • Laparoscopic reversal of Hartmann's procedure	1256087006
45J006	Colonoscopy and suturing of small intestine SYNONYM • Colonoscopic suturing of small bowel • Colonoscopic suturing of small intestine	1304044003
45J007	Endoscopic closure of fistula of small intestine	712815006

9.3.10. Replacement

Code	Term	SCTID
45K000	Endoscopic renewal of stent in intestinal conduit SYNONYM • Endoscopic replacement of stent in intestinal conduit	1381226004
45K001	Percutaneous endoscopic renewal of stent in intestinal conduit SYNONYM • Percutaneous endoscopic replacement of stent in intestinal conduit	1381227008

9.3.11. Structural modification

Code	Term	SCTID
45L000	Esophagogastroduodenoscopy with insertion of guide wire and dilation of esophagus	442797006
45L001	Endoscopic dilation of gastrojejunostomy site	8869009
45L002	Percutaneous endoscopic jejunostomy	1256040004
45L003	Laparoscopic jejunostomy	1388427001
45L004	Endoscopic balloon dilation of duodenal papilla SYNONYM • Endoscopic balloon sphincteroplasty of duodenal papilla	838446004
45L005	Endoscopic dilation of duodenum SYNONYM • Endoscopic dilatation of duodenum	173874001
45L006	Endoscopic dilation of ileum SYNONYM • Endoscopic dilatation of ileum	174011005
45L007	Endoscopic dilation of intestinal conduit	1381230001
45L008	Endoscopic dilation of jejunum SYNONYM • Endoscopic dilatation of jejunum	173929007
45L009	Endoscopic dilation of small intestine	445716005
45L010	Endoscopy of upper gastrointestinal tract and dilation of duodenum SYNONYM • Endoscopy of upper gastrointestinal tract and dilatation of duodenum • Esophagogastroduodenoscopy and dilatation of duodenum	709470006
45L011	Percutaneous endoscopic dilation of intestinal conduit	1381255007

9.3.12. Other

Code	Term	SCTID
45X000	Endoscopic localization of lesion of GIT SYNONYM • Endoscopic localization of lesion of gastrointestinal tract	235158004
45X001	Decompression of small intestine via colonoscope	789398005

9.4. Procedures on large intestine (colon)

9.4.1. Biopsy

Code	Term	SCTID
46A000	Endoscopic ultrasonography guided biopsy of colon SYNONYM • Biopsy of colon using endoscopic ultrasonography guidance • Biopsy of colon using endoscopic ultrasound guidance	1217313001
46A001	Colonoscopy and biopsy of colon SYNONYM • Endoscopic biopsy of colon	446745002
46A002	Colonoscopy through colostomy with endoscopic biopsy of colon	443998000
46A003	Endoscopic biopsy of lesion of colon	302052009
46A004	Endoscopic examination of colonic pouch and biopsy of colonic pouch	1216996008
46A005	Fiberoptic colonoscopy with biopsy of lesion of colon	1209098000

9.4.2. Destruction

Code	Term	SCTID
46B000	Hot biopsy SYNONYM • Endoscopic cauterization of polyp of colon	10361000132103
46B001	Fiberoptic endoscopic cauterization of lesion of colon	174172009
46B002	Fiberoptic endoscopic coagulation of blood vessel of colon	174180002
46B003	Fiberoptic endoscopic cryoablation of lesion of colon SYNONYM • Fiberoptic endoscopic cryotherapy to lesion of colon	1263719001
46B004	Fiberoptic endoscopic laser destruction of lesion of colon SYNONYM • Fiberoptic endoscopic destruction of lesion of colon using laser	174173004

9.4.3. Evaluation-inspection

Code	Term	SCTID
46C000	Intraoperative colonoscopy SYNONYM • Operative endoscopy of colon • Operative colonoscopy	34264006

Code	Term	SCTID
46C001	Fiberoptic colonoscopy through colostomy SYNONYM • Endoscopy of colon through artificial stoma • Colonoscopy through artificial stoma	8180007
46C002	Colonoscopy SYNONYM • Endoscopy of colon • Endoscopic examination of colon	73761001
46C003	Colonoscopy using cecal retroflexion technique	48021000087103
46C004	Fluoroscopy guided colonoscopy SYNONYM • Colonoscopy using fluoroscopic guidance	710293001
46C005	Plain X-ray guided colonoscopy SYNONYM • Colonoscopy using plain X-ray guidance	711307001
46C006	Colonoscopy using rectal retroflexion technique	48031000087101
46C007	Endoscopic ultrasonography of colon	446011004
46C008	Ileocolonoscopy SYNONYM • Endoscopy of terminal ileum and colon • Endoscopy of distal ileum and colon	1351202006
46C009	Limited colonoscopy	235151005
46C010	Open colonoscopy	174158000
46C011	Screening colonoscopy	444783004
46C012	Total colonoscopy	235150006
46C013	Colonoscopic control of colon bleeding	1389352005

9.4.6. Introduction

Code	Term	SCTID
46F000	Colonoscopy and tattooing	447021001
46F001	Endoscopic insertion of permanent colonic stent	373822002
46F002	Endoscopic insertion of temporary colonic stent	373821009

Code	Term	SCTID
46F003	Fiberoptic endoscopic insertion of expanding metal stent into colon	426617006
46F004	Colonoscopic stent insertion SYNONYM • Insertion of stent into colon using colonoscope • Colonoscopy with insertion of colonic stent • Endoscopic insertion of stent into colon using colonoscope	1260482004

9.4.7. Opening

Code	Term	SCTID
46G000	Open endoscopic operation on colon	271490000
46G001	Endoscopic laser surgery on colon SYNONYM • Endoscopic laser therapy of colon • Endoscopic surgical procedure on colon using laser	609197007

9.4.8. Removal

Code	Term	SCTID
46H000	Hand-assisted laparoscopic right colectomy SYNONYM • Laparoscopic hand-assisted laparoscopic right colectomy	446223002
46H001	Hand-assisted laparoscopic extended right colectomy SYNONYM • Laparoscopic hand-assisted extended right hemicolectomy	447166008
46H002	Laparoscopic-assisted right colectomy SYNONYM • Laparoscopic right hemicolectomy	50774009
46H003	Laparoscopic transverse colectomy	307586000
46H004	Hand-assisted laparoscopic left colectomy SYNONYM • Laparoscopic hand-assisted left hemicolectomy	446222007
46H005	Hand-assisted laparoscopic extended left colectomy SYNONYM • Laparoscopic hand-assisted extended left hemicolectomy	446228006

Code	Term	SCTID
46H006	Laparoscopic-assisted left colectomy SYNONYM • Laparoscopic-assisted left hemicolectomy	41330009
46H007	Combined endoscopic and laparoscopic excision of polyp of colon	773129000
46H008	Laparoscopic excision of part of colon SYNONYM • Laparoscopic subtotal colectomy	443480008
46H009	Colonoscopic polypectomy	311774002
46H010	Colonoscopic snare polypectomy of colon	10371000132109
46H011	Colonoscopic excision of lesion of large intestine	446170008
46H012	Colonoscopy and excision of mucosa of colon SYNONYM • Colonoscopy and colonic mucosectomy	446521004
46H013	Colonoscopy and extirpation of lesion of colon	235343002
46H014	Colonoscopy and full thickness resection of colon SYNONYM • Colonoscopic full thickness resection of colon	1304049008
46H015	Endoscopic extirpation of lesion of colon	265402006
46H016	Endoscopic snare resection of lesion of colon using full thickness resection device	773128008
46H017	Endoscopic submucosal dissection of lesion of colon	1389240001
46H018	Fiberoptic endoscopic excision of lesion of colonic mucous membrane SYNONYM • Fiberoptic endoscopic mucosal resection of lesion of colon	771568007
46H019	Fiberoptic endoscopic extirpation of lesion of colon	235344008
46H020	Fiberoptic endoscopic snare resection of lesion of colon	174171002
46H021	Fiberoptic endoscopic submucosal resection of lesion of colon	425851003

Code	Term	SCTID
46H022	Laparoscopic total colectomy SYNONYM • Laparoscopic total excision of colon • Laparoscopic total removal of colon • Laparoscopic complete resection of colon	787874000
46H023	Laparoscopic total colectomy with loop ileostomy	787875004
46H024	Laparoscopic total colectomy with ileostomy	787876003
46H025	Lower bowel endoscopy - removal of object SYNONYM • Colonoscopy and removal of foreign body from lower bowel • Endoscopic removal of foreign body from lower bowel	288122006
46H026	Endoscopic removal of foreign body from colon	302051002
46H027	Fiberoptic endoscopic removal of foreign body from colon	174181003

9.4.9. Repair

Code	Term	SCTID
46J000	Colonoscopy and suturing of colon SYNONYM • Colonoscopic suturing of colon • Suturing of large intestine via colonoscope	1304043009
46J001	Laparoscopic closure of perforation of colon	83451000146102

9.4.10. Replacement

Code	Term	SCTID
46K000	Colonoscopy and fecal microbiota transplantation	789778002

9.4.11. Structural modification

Code	Term	SCTID
46L000	Endoscopic needle knife stricturotomy with balloon dilation of colon SYNONYM • Endoscopic incision of colonic stricture using needle knife with balloon dilation	1389230004

Code	Term	SCTID
46L001	Fluoroscopy guided endoscopic needle knife stricturotomy with balloon dilation of colon SYNONYM • Endoscopic needle knife stricturotomy with balloon dilation of colon using fluoroscopic guidance • Endoscopic incision of colonic stricture using needle knife with balloon dilation using fluoroscopic guidance	1389232007
46L002	Fluoroscopy guided colonoscopic dilation of stricture of colon SYNONYM • Colonoscopic dilation of stricture of colon using fluoroscopic guidance	1389249000
46L003	Colonoscopy and dilation of stricture of colon SYNONYM • Colonoscopy and dilatation of stricture of colon	709421007
46L004	Fiberoptic endoscopic dilation of colon	174179000

9.4.12. Other

Code	Term	SCTID
46X000	Colonoscopic decompression of large intestine	1263488001

9.5. Procedures on appendix

9.5.6. Introduction

Code	Term	SCTID
47F000	Endoscopic procedure on appendix	440588003

9.5.8. Removal

Code	Term	SCTID
47H000	Laparoscopic appendectomy SYNONYM • Endoscopic appendectomy	6025007
47H001	Robot assisted laparoscopic appendectomy SYNONYM • Robot assisted laparoscopic appendicectomy • Laparoscopic appendectomy using robotic assistance	708876004

Code	Term	SCTID
47H002	Laparoscopic emergency appendectomy SYNONYM • Endoscopic emergency appendectomy	174041007
47H003	Laparoscopic interval appendectomy	307581005

9.6. Procedures on rectum, sigmoid colon, rectosigmoid and perirectal tissue

9.6.1. Biopsy

Code	Term	SCTID
48A000	Endoscopic examination of sigmoid colon and biopsy of lesion of sigmoid colon using rigid sigmoidoscope	1217115000
48A001	Flexible fiberoptic sigmoidoscopy with biopsy	396226005
48A002	Sigmoidoscopy with biopsy SYNONYM • Sigmoidoscopy and biopsy • Endoscopic biopsy of sigmoid colon	396225009
48A003	Endoscopic ultrasonography guided biopsy of rectum SYNONYM • Biopsy of rectum using endoscopic ultrasound guidance • Biopsy of rectum using endoscopic ultrasonography guidance	1220581005
48A004	Endoscopic biopsy of rectum	274324002
48A005	Endoscopic brush biopsy of rectum	21795006
48A006	High resolution anoscopic biopsy SYNONYM • HRA (high resolution anoscopy) and biopsy	1260428003
48A007	Proctoscopy and biopsy of lesion of rectum	1209121000
48A008	Proctoscopy with biopsy	29532006
48A009	Proctosigmoidoscopy with biopsy	83686007
48A010	Anoscopy with biopsy	11343000

9.6.2. Destruction

Code	Term	SCTID
48B000	Sigmoidoscopic argon plasma coagulation of lesion of rectum	448360009

Code	Term	SCTID
48B001	Endoscopic cauterization of lesion of lower bowel using fiberoptic sigmoidoscope	174191009
48B002	Endoscopic cauterization of lesion of sigmoid colon using rigid sigmoidoscope	174208002
48B003	Endoscopic coagulation of blood vessel of lower bowel using fiberoptic sigmoidoscope	174198003
48B004	Endoscopic cryotherapy to lesion of sigmoid colon using rigid sigmoidoscope	174210000
48B005	Endoscopic destruction of lesion of lower bowel using fiberoptic sigmoidoscope	448239001
48B006	Endoscopic laser destruction of lesion of large intestine using fiberoptic sigmoidoscope SYNONYM • Endoscopic laser destruction of lesion of lower bowel using fiberoptic sigmoidoscope	174192002
48B007	Endoscopic laser destruction of lesion of sigmoid colon using rigid sigmoidoscope	174209005
48B008	Colonoscopic argon plasma coagulation of lesion of rectum	447977001
48B009	Colonoscopic control of rectal bleeding using electrocoagulation	1263397001
48B010	Proctoscopic control of rectal bleeding using electrocoagulation	1263398006
48B011	Proctoscopic destruction of lesion of rectum	174322004
48B012	High resolution anoscopic ablation of lesion of anal region SYNONYM • HRA (high resolution anoscopy) and ablation of lesion of anal region	1263767006

9.6.3. Evaluation-inspection

Code	Term	SCTID
48C000	Sigmoidoscopy SYNONYM • SIGy - Sigmoidoscopy • SIGGY - Sigmoidoscopy	24420007
48C001	Fluoroscopy guided sigmoidoscopy SYNONYM • Sigmoidoscopy using fluoroscopic guidance	710288004
48C002	Colonoscopy with rigid sigmoidoscope through colotomy	12350003
48C003	Sigmoidoscopy through artificial stoma	21423008
48C004	Flexible fiberoptic sigmoidoscopy SYNONYM • Flexible sigmoidoscopy • FOS - Fiberoptic sigmoidoscopy • Fiberoptic sigmoidoscopy • FS - Flexible sigmoidoscopy	44441009
48C005	Proctosigmoidoscopy for dilation	7239006
48C006	Intraoperative sigmoidoscopy	32414000
48C007	Proctoscopy by transabdominal approach	240795007
48C008	Proctosigmoidoscopy by transabdominal approach	29586003
48C009	Proctoscopy through stoma SYNONYM • Endoscopy of rectum through stoma	67520002
48C010	Proctosigmoidoscopy through artificial stoma	44061005
48C011	Proctoscopy SYNONYM • Endoscopy of rectum • Endoscopic examination of anal canal	42238002
48C012	Rigid proctosigmoidoscopy	13004001
48C013	Rigid sigmoidoscopy	235153008
48C014	Colonoscopic control of rectal bleeding SYNONYM • Control of hemorrhage in rectum via colonoscopy	1388428006

Code	Term	SCTID
48C015	Sigmoidoscopic control of rectal bleeding SYNONYM • Sigmoidoscopic control of hemorrhage in rectum	1388430008
48C016	Anoscopy SYNONYM • Endoscopy of anus	88916003
48C017	High resolution anoscopy SYNONYM • HRA - high resolution anoscopy	1263662005

9.6.4. Evaluation-other

Code	Term	SCTID
48D000	Endorectal ultrasonography	429820004

9.6.5. Fixation

Code	Term	SCTID
48E000	Laparoscopic fixation of prolapse of rectum SYNONYM • Laparoscopic proctopexy	440032004
48E001	Robot assisted laparoscopic fixation of rectum SYNONYM • Robotic rectopexy • Robotic proctopexy • Robot assisted fixation of rectum • Fixation of rectum using robotic assistance • Laparoscopic fixation of rectum using robotic assistance	708642005
48E002	Laparoscopic ventral fixation of internal prolapse of rectum using biological mesh	782837005
48E003	Laparoscopic ventral fixation of internal prolapse of rectum using mesh	782836001
48E004	Laparoscopic ventral fixation of internal prolapse of rectum using synthetic mesh	782838000

9.6.6. Introduction

Code	Term	SCTID
48F000	Sigmoidoscopy and tattooing	446414002
48F001	Endoscopic insertion of expanding metal stent into lower bowel using fiberoptic sigmoidoscope	426286004
48F002	Endoscopic insertion of expanding metal stent into sigmoid colon using rigid sigmoidoscope	426744009
48F003	Endoscopic insertion of permanent rectal stent	373819004
48F004	Endoscopic insertion of temporary rectal stent	373820005
48F005	Endoscopic insertion of tubal prosthesis into sigmoid colon using rigid sigmoidoscope	174217002
48F006	Insertion of endosponge into rectum using colonoscope SYNONYM - Colonoscopic insertion of endosponge into rectum - Intraluminal insertion of sponge into rectum using colonoscope - Endoluminal vacuum therapy in rectum using colonoscope	1287986001
48F007	Insertion of endosponge into rectum using sigmoidoscope SYNONYM - Intraluminal insertion of sponge into rectum using sigmoidoscope - Sigmoidoscopic insertion of endosponge in rectum - Endoluminal vacuum therapy in rectum using sigmoidoscope	1287985002

9.6.7. Opening

Code	Term	SCTID
48G000	Endoscopic laser surgery on rectum SYNONYM - Endoscopic laser therapy of rectum - Endoscopic surgical procedure on rectum using laser	609196003

9.6.8. Removal

Code	Term	SCTID
48H000	Sigmoidoscopic excision of mucosa of rectum	448592009
48H001	Endoscopic submucosal dissection of rectum using sigmoidoscope	713000002
48H002	Laparoscopic sigmoid colectomy	1303413007

Code	Term	SCTID
48H003	Laparoscopic-assisted sigmoid colectomy SYNONYM • Laparoscopic-assisted sigmoidectomy	1390003
48H004	Endoscopic excision of polyp of large intestine using sigmoidoscope SYNONYM • Sigmoidoscopic polypectomy	442830000
48H005	Endoscopic extirpation of lesion of lower bowel using fiberoptic sigmoidoscope SYNONYM • Colonoscopic extirpation of lesion of lower bowel	265404007
48H006	Endoscopic extirpation of lesion of sigmoid colon using rigid sigmoidoscope SYNONYM • Endoscopic extirpation of lesion of colon using rigid sigmoidoscope • Endoscopic extirpation of lesion of rectum using rigid sigmoidoscope	265407000
48H007	Endoscopic mucosal resection of lesion of sigmoid colon using rigid sigmoidoscope	773136004
48H008	Endoscopic snare resection of lesion of lower bowel using fiberoptic sigmoidoscope	174190005
48H009	Endoscopic snare resection of lesion of sigmoid colon using rigid sigmoidoscope	174207007
48H010	Endoscopic submucosal resection of lesion of lower bowel using fiberoptic sigmoidoscope	426066009
48H011	Endoscopic submucosal resection of lesion of sigmoid colon using rigid sigmoidoscope	426699005
48H012	Excision of lesion of mucous membrane of lower bowel using fiberoptic sigmoidoscope SYNONYM • Endoscopic mucosal resection of lesion of lower bowel using fiberoptic sigmoidoscope	771580004
48H013	Sigmoidoscopic excision of lesion of large intestine	445892000

Code	Term	SCTID
48H014	Sigmoidoscopy and excision of mucosa of sigmoid colon SYNONYM • Sigmoidoscopy and sigmoid mucosectomy	446747005
48H015	Sigmoidoscopy and full thickness resection of colon SYNONYM • Sigmoidoscopic full thickness resection of colon	1304057006
48H016	Laparoscopic total colectomy with ileo-rectal anastomosis	713165008
48H017	Colonoscopic excision of mucosa of rectum	448811007
48H018	Colonoscopy and full thickness resection of rectum SYNONYM • Colonoscopic full thickness resection of rectum	1304045002
48H019	Endoscopic extirpation of lesion of rectum using fiberoptic sigmoidoscope	235342007
48H020	Excision of lesion of rectum by TAMIS (transanal minimal invasive surgery) SYNONYM • Excision of lesion of rectum by transanal minimal invasive surgery	1264200003
48H021	Proctoscopic excision of lesion of rectum	174321006
48H022	Proctoscopic extirpation of lesion of rectum	174320007
48H023	Sigmoidoscopy and full thickness resection of rectum SYNONYM • Sigmoidoscopic full thickness resection of rectum	1304053005
48H024	Colonoscopic excision of polyp of rectum	449106004
48H025	Sigmoidoscopic excision of polyp of rectum	449194009
48H026	Endoscopic submucosal dissection of rectum using colonoscope	713154003
48H027	Laparoscopic low anterior resection of rectum with colostomy SYNONYM • Laparoscopic low anterior resection of rectum with construction of colostomy • Laparoscopic low anterior excision of rectum with construction of colostomy • Laparoscopic LAR (low anterior resection) of rectum with construction of colostomy	1186912002

Code	Term	SCTID
48H028	Laparoscopic-assisted anterior resection of rectum with colostomy	17671008
48H029	Robot assisted laparoscopic anterior resection of rectum SYNONYM • Laparoscopic anterior resection of rectum, robot assisted • Laparoscopic anterior resection of rectum using robotic assistance	708920006
48H030	Laparoscopic low anterior resection of rectum using robotic assistance SYNONYM • Robot assisted laparoscopic low anterior resection of rectum	712992007
48H031	Laparoscopic low anterior resection of rectum with total mesorectal excision using robotic assistance SYNONYM • Robot assisted laparoscopic low anterior resection of rectum with total mesorectal excision	1389102006
48H032	Laparoscopic-assisted anterior resection of rectum	90527009
48H033	Laparoscopic-assisted low anterior resection of rectum	708631001
48H034	Excision of rectum by TEM (transanal endoscopic microsurgery) SYNONYM • Proctectomy using transanal endoscopic microsurgery • TEMS (transanal endoscopic microsurgery) proctectomy • Excision of rectum by transanal endoscopic microsurgery • Endoscopic microsurgical excision of rectum by transanal approach	1263735008
48H035	Laparoscopic fixation of prolapse of rectum with resection of sigmoid SYNONYM • Laparoscopic proctopexy and sigmoid colectomy	440033009
48H036	Endoscopic removal of foreign body from sigmoid colon using rigid sigmoidoscope	174216006
48H037	Flexible fiberoptic sigmoidoscopy for removal of foreign body	112870002
48H038	Anoscopy for removal of foreign body	5728008

9.6.9. Repair

Code	Term	SCTID
48J000	Sigmoidoscopy and suturing of rectum SYNONYM • Sigmoidoscopic suturing of rectum	1304056002
48J001	Sigmoidoscopy and suturing of colon SYNONYM • Sigmoidoscopic suturing of colon	1304055003
48J002	Colonoscopic suturing of rectum SYNONYM • Rectal suturing via colonoscope • Colonoscopy and suturing of rectum	1304042004

9.6.10. Replacement

Code	Term	SCTID
48K000	Sigmoidoscopy and fecal microbiota transplantation	789779005

9.6.11. Structural modification

Code	Term	SCTID
48L000	Percutaneous endoscopic sigmoidostomy SYNONYM • Percutaneous endoscopic colostomy of sigmoid	428840002
48L001	Endoscopic dilation of lower bowel using fiberoptic sigmoidoscope	174197008
48L002	Endoscopic dilation of sigmoid colon using rigid sigmoidoscope	174215005
48L003	Sigmoidoscopy with dilation of sigmoid colon SYNONYM • Endoscopic dilation of sigmoid colon	85161000146105
48L004	Anoscopy with anorectal dilation	439588006

9.6.12. Other

Code	Term	SCTID
48X000	Rigid proctosigmoidoscopy and decompression of sigmoid volvulus using rigid proctoscope	440087003
48X001	Sigmoidoscopic decompression of large intestine SYNONYM • Sigmoidoscopy with decompression of large intestine	1388431007

9.7. Procedures on anus

9.7.2. Destruction

Code	Term	SCTID
49B000	Endoscopic destruction of lesion of anus	31319008
49B001	Endoscopic destruction of tissue of anus	609188008
49B002	Anoscopy with coagulation for control of hemorrhage of mucosal lesion	53310009

9.7.3. Evaluation-inspection

Code	Term	SCTID
49C000	Microscopic examination of anal Papanicolaou smear	440616001

9.7.8. Removal

Code	Term	SCTID
49H000	Endoscopic excision of lesion of anus	53676003
49H001	Endoscopic excision of tissue of anus	609191008

9.7.9. Repair

Code	Term	SCTID
49J000	Laparoscopic anorectoplasty SYNONYM • Laparoscopic repair of anus and rectum • LARP - laparoscopic anorectoplasty	1255832001

9.8. Procedures on liver

9.8.1. Biopsy

Code	Term	SCTID
50A000	Endoscopic ultrasonography guided biopsy of lesion of liver SYNONYM • Biopsy of lesion of liver using endoscopic ultrasonography guidance • Biopsy of lesion of liver using endoscopic ultrasound guidance	1217420009
50A001	Laparoscopic ultrasonography guided biopsy of lesion of liver SYNONYM • Biopsy of lesion of liver using laparoscopic ultrasound guidance • Biopsy of lesion of liver using laparoscopic ultrasonography guidance	1217421008
50A002	Laparoscopic biopsy of liver	15050001
50A003	Laparoscopic biopsy of liver lesion SYNONYM • Laparoscopy and biopsy of lesion of liver	307619009

9.8.2. Destruction

Code	Term	SCTID
50B000	Laparoscopic cryoablation of neoplasm of liver	439368006
50B001	Laparoscopic irreversible electroporation ablation of neoplasm of liver SYNONYM • Laparoscopic IRE (irreversible electroporation) ablation of neoplasm of liver • Laparoscopic irreversible electroporation ablation of tumor of liver	1258864009
50B002	Laparoscopic microwave ablation of lesion of liver	448540000
50B003	Laparoscopic radiofrequency ablation of neoplasm of liver	440711002

9.8.3. Evaluation-inspection

Code	Term	SCTID
50C000	Endoscopic ultrasound examination of liver	427108001

9.8.8. Removal

Code	Term	SCTID
50H000	Laparoscopic central bisegmentectomy of liver SYNONYM Laparoscopic excision of Couinaud hepatic segment IV and Couinaud hepatic segment V and Couinaud hepatic segment VIII	898180007
50H001	Laparoscopic right anterior sectionectomy of liver SYNONYM Laparoscopic excision of Couinaud hepatic segment V and Couinaud hepatic segment VIII	898090002
50H002	Laparoscopic right posterior sectionectomy of liver SYNONYM Laparoscopic excision of Couinaud hepatic segment VI and Couinaud hepatic segment VII	898178001
50H003	Laparoscopic excision of lateral segment of left lobe of liver	736758005
50H004	Robot assisted laparoscopic partial excision of liver SYNONYM - Laparoscopic partial excision of liver using robotic assistance - Laparoscopic excision of part of liver using robotic assistance	1255424002
50H005	Laparoscopic extended right hemihepatectomy SYNONYM Laparoscopic extended right hepatectomy	897703001
50H006	Laparoscopic resection of segment of liver SYNONYM Laparoscopic liver segmentectomy	708589000
50H007	Robot assisted laparoscopic segmentectomy of liver SYNONYM - Robotic assisted laparoscopic segmentectomy of liver - Laparoscopic segmentectomy of liver using robotic assistance	708889005
50H008	Laparoscopic sub-segmentectomy of liver SYNONYM Laparoscopic liver sub-segmentectomy	715805005
50H009	Laparoscopic trisegmentectomy of right lobe of liver SYNONYM Laparoscopic trisegmentectomy of right liver	897706009

Code	Term	SCTID
50H010	Laparoscopic trisegmentectomy of left lobe of liver SYNONYM • Laparoscopic trisegmentectomy of left liver • Laparoscopic extended left hepatectomy	897705008
50H011	Laparoscopic wedge resection of liver	708590009
50H012	Robot assisted laparoscopic wedge resection of liver SYNONYM • Laparoscopic wedge resection of liver using robotic assistance	708818009
50H013	Laparoscopic excision of cyst of liver SYNONYM • Laparoscopic excision of hepatic cyst • Laparoscopic hepatic cystectomy	1162442001
50H014	Laparoscopic unroofing of cyst of liver SYNONYM • Laparoscopic unroofing of hepatic cyst • Laparoscopic deroofing of cyst of liver	337961000112 109
50H015	Laparoscopic excision of entire caudate lobe of liver SYNONYM • Laparoscopic complete segmentectomy of Couinaud hepatic segment I • Laparoscopic complete segmentectomy of segment 1 of liver • Complete caudate lobectomy of liver	897714003
50H016	Laparoscopic removal of calculus from liver SYNONYM • Endoscopic removal of calculus from liver using laparoscope	174457002

9.8.11. Structural modification

Code	Term	SCTID
50L000	Laparoscopic marsupialization of liver cyst	307621004

9.9. Procedures on gallbladder and biliary tract

9.9.1. Biopsy

Code	Term	SCTID
51A000	Endoscopic ultrasonography guided biopsy of bile duct SYNONYM • Biopsy of bile duct using endoscopic ultrasonography guidance • Biopsy of bile duct using endoscopic ultrasound guidance	1217311004

Code	Term	SCTID
51A001	Endoscopic ultrasonography guided biopsy of lesion of bile duct SYNONYM • Biopsy of lesion of bile duct using endoscopic ultrasonography guidance • Biopsy of lesion of bile duct using endoscopic ultrasound guidance	1217314007
51A002	Laparoscopic ultrasonography guided biopsy of lesion of bile duct SYNONYM • Biopsy of lesion of bile duct using laparoscopic ultrasound guidance • Biopsy of lesion of bile duct using laparoscopic ultrasonography guidance	1217316009
51A003	Endoscopic biopsy of bile duct	449193003
51A004	Endoscopic biopsy of sphincter of Oddi	71367006
51A005	Endoscopic retrograde cholangiography with biopsy of lesion of bile duct SYNONYM • Endoscopic retrograde cholangiography with biopsy of lesion of bile duct using fluoroscopic guidance with contrast • ERC (endoscopic retrograde cholangiography) with biopsy of lesion of bile duct	1220639008
51A006	Endoscopic retrograde cholangiopancreatography with biopsy of lesion of ampulla of Vater SYNONYM • Endoscopic retrograde cholangiopancreatography with biopsy of lesion of ampulla of Vater using fluoroscopic guidance with contrast • ERCP (endoscopic retrograde cholangiopancreatography) with biopsy of lesion of ampulla of Vater	1220640005
51A007	Endoscopic retrograde cholangiopancreatography with biopsy of sphincter of Oddi SYNONYM • Endoscopic retrograde cholangiopancreatography with biopsy of sphincter of Oddi using fluoroscopic guidance with contrast • ERCP (endoscopic retrograde cholangiopancreatography) with biopsy of sphincter of Oddi	1222647002

Code	Term	SCTID
51A008	Endoscopic retrograde cholangiopancreatography with biopsy SYNONYM • Endoscopic retrograde cholangiopancreatography with biopsy using fluoroscopic guidance with contrast • ERCP (endoscopic retrograde cholangiopancreatography) with biopsy	6157006
51A009	Intraoperative fluoroscopic cholangiography guided laparoscopic biopsy of bile duct with contrast SYNONYM • Laparoscopic biopsy of bile duct using intraoperative fluoroscopic cholangiography guidance with contrast	1351735002
51A010	Percutaneous transhepatic fluoroscopic cholangiography guided laparoscopic biopsy of bile duct with contrast SYNONYM • Laparoscopic biopsy of bile duct using percutaneous transhepatic fluoroscopic cholangiography guidance with contrast	1351770000
51A011	Endoscopic retrograde pancreatography with biopsy of lesion of pancreas SYNONYM • Endoscopic retrograde pancreatography with biopsy of lesion of pancreas using fluoroscopic guidance with contrast • ERP (endoscopic retrograde pancreatography) with biopsy of lesion of pancreas	1220628005

9.9.2. Destruction

Code	Term	SCTID
51B000	Endoscopic destruction of lesion of bile duct	449150003
51B001	Endoscopic destruction of lesion of sphincter of Oddi	34574008
51B002	Radiofrequency ablation of biliary duct using endoscopic retrograde cholangiopancreatography	1389278004

Code	Term	SCTID
51B003	Endoscopic ultrasonography guided radiofrequency ablation of biliary duct SYNONYM • Endoscopic ultrasound guided radiofrequency ablation of biliary duct • Radiofrequency ablation of biliary duct using endoscopic ultrasonography guidance	1389299001
51B004	Choledochoscopic electrohydraulic lithotripsy of calculus of biliary tract SYNONYM • Choledochoscopic EHL (electrohydraulic lithotripsy) of calculus of biliary tract • Choledochoscopic EHL (electrohydraulic lithotripsy) of stone of biliary tract • Choledochoscopic electrohydraulic lithotripsy of stone of biliary tract	1258911006
51B005	Endoscopic bile duct lithotripsy	404812006
51B006	Endoscopic retrograde lithotripsy of calculus of bile duct	425964001

9.9.3. Evaluation-inspection

Code	Term	SCTID
51C000	Endoscopic retrograde cholangiopancreatography SYNONYM • Endoscopic retrograde cholangiopancreatography using fluoroscopic guidance with contrast • ERCP - endoscopic retrograde cholangiopancreatography	712470002
51C001	Endoscopic retrograde cholangiopancreatography after resection of stomach with gastrojejunal anastomosis SYNONYM • ERCP (endoscopic retrograde cholangiopancreatography) after resection of stomach with gastrojejunal anastomosis • Endoscopic retrograde cholangiopancreatography after Billroth II operation • Endoscopic retrograde cholangiopancreatography using fluoroscopic guidance with contrast after resection of stomach with gastrojejunal anastomosis • Endoscopic retrograde cholangiopancreatography using fluoroscopic guidance with contrast after Billroth II operation	1389266003

Code	Term	SCTID
51C002	Endoscopic retrograde cholangiopancreatography with tube assisted enteroscopy SYNONYM • ERCP (endoscopic retrograde cholangiopancreatography) with tube assisted enteroscopy • Endoscopic retrograde cholangiopancreatography using fluoroscopic guidance with contrast with tube assisted enteroscopy	1389269005
51C003	Biliary tract endoscopy	119922005
51C004	Cholangioscopy	413195008
51C005	Choledochoscopy SYNONYM • Endoscopic examination of bile duct	235549002
51C006	Endoscopic retrograde cholangiography SYNONYM • ERC - endoscopic retrograde cholangiography • Endoscopic retrograde cholangiography using fluoroscopic guidance with contrast	386722005
51C007	Endoscopic ultrasonography of biliary tract SYNONYM • Endoscopic ultrasound examination of biliary tract	709420008
51C008	Endoscopic ultrasound examination of bile duct	426859009
51C009	Gallbladder endoscopy	119923000
51C010	Laparoscopic intraoperative fluoroscopic cholangiography with contrast SYNONYM • Laparoscopic fluoroscopic cholangiography during surgery with contrast	1351736001
51C011	Laparoscopic percutaneous transhepatic fluoroscopic cholangiography with contrast	1351771001
51C012	Laparoscopic ultrasound examination of bile duct	427257009
51C013	Peroral choledochoscopy	235553000
51C014	Endoscopic retrograde cholangiopancreatography using rendezvous technique SYNONYM • ERCP (endoscopic retrograde cholangiopancreatography) using rendezvous technique	1396424000

Code	Term	SCTID
51C015	Percutaneous choledochoscopy SYNONYM • Percutaneous endoscopic inspection of bile duct	609237002
51C016	Percutaneous choledochoscopy via T-tube track	235552005
51C017	Percutaneous transhepatic cholangioscopy	429170003
51C018	Percutaneous transhepatic hepatico-choledochoscopy	235551003
51C019	Endoscopic retrograde pancreatography SYNONYM • ERP - Endoscopic retrograde pancreatography • Endoscopic retrograde pancreatography using fluoroscopic guidance with contrast	174651007

9.9.4. Evaluation-other

Code	Term	SCTID
51D000	Endoscopic retrograde cholangiopancreatography with collection of bile SYNONYM • Endoscopic retrograde cholangiopancreatography with collection of bile using fluoroscopic guidance with contrast • ERCP (endoscopic retrograde cholangiopancreatography) with collection of bile	427133003
51D001	Robot assisted laparoscopic exploration of common bile duct SYNONYM • Robot assisted exploration of common bile duct • Laparoscopic exploration of common bile duct using robotic assistance	708640002
51D002	Laparoscopic incision and exploration of common bile duct	708632008
51D003	Endoscopic retrograde pancreatography with collection of pancreatic juice SYNONYM • Endoscopic retrograde pancreatography with collection of pancreatic juice using fluoroscopic guidance with contrast • ERP (endoscopic retrograde pancreatography) with collection of pancreatic juice	174653005

9.9.6. Introduction

Code	Term	SCTID
51F000	Percutaneous endoscopic cholangiography with insertion of biliary drain using fluoroscopic guidance SYNONYM • Fluoroscopic guidance for percutaneous endoscopic cholangiography with biliary drainage	433241004
51F001	Laparoscopic cholecystostomy	450500003
51F002	Endoscopic sphincterotomy of sphincter of Oddi and insertion of tubal prosthesis into bile duct SYNONYM • ERCP sphincterotomy and insertion of stent	174615000
51F003	Endoscopic retrograde cholangiopancreatography with insertion of nasobiliary drainage tube SYNONYM • Endoscopic retrograde cholangiopancreatography with insertion of nasobiliary drainage tube using fluoroscopic guidance with contrast • ERCP (endoscopic retrograde cholangiopancreatography) with insertion of tube using fluoroscopic guidance with contrast	708731008
51F004	Endoscopic insertion of cannula into gallbladder using laparoscope	174458007
51F005	Endoscopic insertion of drain into biliary tract using fluoroscopic guidance SYNONYM • Fluoroscopic guidance for endoscopic biliary drainage	432391006
51F006	Endoscopic insertion of stent into bile duct	709197008
51F007	Endoscopic retrograde cholangiopancreatography with insertion of biliary metal stent SYNONYM • Endoscopic retrograde cholangiopancreatography with insertion of biliary metal stent using fluoroscopic guidance with contrast • ERCP (endoscopic retrograde cholangiopancreatography) with insertion of biliary metal stent using fluoroscopic guidance with contrast	432110004

9.9.6. Introduction

Code	Term	SCTID
51F000	Percutaneous endoscopic cholangiography with insertion of biliary drain using fluoroscopic guidance SYNONYM • Fluoroscopic guidance for percutaneous endoscopic cholangiography with biliary drainage	433241004
51F001	Laparoscopic cholecystostomy	450500003
51F002	Endoscopic sphincterotomy of sphincter of Oddi and insertion of tubal prosthesis into bile duct SYNONYM • ERCP sphincterotomy and insertion of stent	174615000
51F003	Endoscopic retrograde cholangiopancreatography with insertion of nasobiliary drainage tube SYNONYM • Endoscopic retrograde cholangiopancreatography with insertion of nasobiliary drainage tube using fluoroscopic guidance with contrast • ERCP (endoscopic retrograde cholangiopancreatography) with insertion of tube using fluoroscopic guidance with contrast	708731008
51F004	Endoscopic insertion of cannula into gallbladder using laparoscope	174458007
51F005	Endoscopic insertion of drain into biliary tract using fluoroscopic guidance SYNONYM • Fluoroscopic guidance for endoscopic biliary drainage	432391006
51F006	Endoscopic insertion of stent into bile duct	709197008
51F007	Endoscopic retrograde cholangiopancreatography with insertion of biliary metal stent SYNONYM • Endoscopic retrograde cholangiopancreatography with insertion of biliary metal stent using fluoroscopic guidance with contrast • ERCP (endoscopic retrograde cholangiopancreatography) with insertion of biliary metal stent using fluoroscopic guidance with contrast	432110004

Code	Term	SCTID
51F013	Endoscopic retrograde cholangiopancreatography with insertion of catheter into biliary and pancreatic ducts SYNONYM • Endoscopic retrograde cholangiopancreatography with insertion of catheter into biliary and pancreatic ducts using fluoroscopic guidance with contrast • ERCP (endoscopic retrograde cholangiopancreatography) with insertion of catheter into biliary and pancreatic ducts using fluoroscopic guidance with contrast	387691000119107
51F014	Endoscopic retrograde cholangiopancreatography with insertion of catheter into pancreatic duct SYNONYM • ERCP (endoscopic retrograde cholangiopancreatography) with insertion of catheter into pancreatic duct using fluoroscopic guidance with contrast • Endoscopic retrograde cholangiopancreatography with insertion of catheter into pancreatic duct using fluoroscopic guidance with contrast	16430491000119106
51F015	Endoscopic retrograde insertion of tubal prosthesis into both hepatic ducts	174623003

9.9.7. Opening

Code	Term	SCTID
51G000	Endoscopic retrograde cholangiopancreatography with incision of duodenal papilla SYNONYM • Endoscopic retrograde cholangiopancreatography with incision of duodenal papilla using fluoroscopic guidance with contrast • ERCP (endoscopic retrograde cholangiopancreatography) with papillotomy • ERCP (endoscopic retrograde cholangiopancreatography) with incision of duodenal papilla • Endoscopic retrograde cholangiopancreatography with papillotomy	449395004
51G001	Endoscopic incision of sphincter of Oddi	174613007

Code	Term	SCTID
51G002	Endoscopic retrograde cholangiopancreatography with pancreatic sphincterotomy SYNONYM • Endoscopic retrograde cholangiopancreatography with pancreatic sphincterotomy using fluoroscopic guidance with contrast • ERCP (endoscopic retrograde cholangiopancreatography) with pancreatic sphincterotomy	413257009
51G003	Endoscopic retrograde cholangiopancreatography with sphincterotomy of sphincter of Oddi SYNONYM • ERCP (endoscopic retrograde cholangiopancreatography) with sphincterotomy of sphincter of Oddi • Endoscopic retrograde cholangiopancreatography with sphincterotomy of sphincter of Oddi using fluoroscopic guidance with contrast	37403009

9.9.8. Removal

Code	Term	SCTID
51H000	Endoscopic ultrasonography guided gallbladder drainage SYNONYM • EUS (endoscopic ultrasonography) guided drainage of gallbladder • Endoscopic ultrasound guided gallbladder drainage • EUS-GBD - endoscopic ultrasound guided gallbladder drainage • Drainage of gallbladder using endoscopic ultrasonography guidance	1284923001
51H001	Laparoscopic cholecystectomy SYNONYM • Endoscopic cholecystectomy	45595009
51H002	Robot assisted laparoscopic cholecystectomy SYNONYM • Laparoscopic cholecystectomy using robotic assistance	1137453008
51H003	Single-port laparoscopic cholecystectomy	713872007
51H004	Robot assisted laparoscopic cholecystectomy and exploration of common bile duct SYNONYM • Laparoscopic cholecystectomy and exploration of common bile duct using robotic assistance	1137362006

Code	Term	SCTID
51H005	Laparoscopic cholecystectomy with exploration of common duct	67557008
51H006	Laparoscopic cholecystectomy with intraoperative fluoroscopic cholangiography with contrast	1351803006
51H007	Robot assisted laparoscopic partial cholecystectomy SYNONYM • Laparoscopic partial cholecystectomy using robotic assistance	1137372009
51H008	Laparoscopic subtotal cholecystectomy SYNONYM • Laparoscopic subtotal excision of gallbladder	450499007
51H009	Endoscopic excision of lesion of bile duct	449151004
51H010	Endoscopic excision of lesion of sphincter of Oddi	56078005
51H011	Endoscopic retrograde cholangiopancreatography with sphincterotomy of sphincter of Oddi and calculus removal SYNONYM • Endoscopic retrograde cholangiopancreatography with sphincterotomy of sphincter of Oddi and calculus removal using fluoroscopic guidance with contrast • ERCP (endoscopic retrograde cholangiopancreatography) with sphincterotomy of sphincter of Oddi and calculus removal	235583009
51H012	Endoscopic sphincterotomy of sphincter of Oddi and removal of calculus	265455000
51H013	Endoscopic nasobiliary drainage	448014003
51H014	Choledochoscopy and U-tube drainage of common bile duct	448124009
51H015	Endoscopic ultrasonography guided biliary tract drainage SYNONYM • EUS-BD - endoscopic ultrasound guided biliary drainage • Drainage of biliary tract using endoscopic ultrasonography guidance • Drainage of biliary tract using endoscopic ultrasound guidance	1300176002
51H016	Endoscopic incision of common bile duct and removal of calculus SYNONYM • Endoscopic choledocholithotomy	449334003

Code	Term	SCTID
51H017	Endoscopic removal of calculus from bile duct SYNONYM • Endoscopic removal of stone from bile duct	448030006
51H018	Endoscopic removal of calculus from biliary tract	449422005
51H019	Endoscopic removal of foreign body from bile duct	1388424008
51H020	Endoscopic retrograde cholangiopancreatography with removal of biliary calculus SYNONYM • Endoscopic retrograde cholangiopancreatography with removal of biliary calculus using fluoroscopic guidance with contrast • ERCP (endoscopic retrograde cholangiopancreatography) with removal of biliary calculus using fluoroscopic guidance with contrast	431809008
51H021	Endoscopic removal of calculus from bile duct along T tube track	174677004
51H022	Endoscopic removal of biliary stent SYNONYM • Endoscopic retrograde removal of tubal prosthesis from bile duct	174626006

9.9.9. Repair

Code	Term	SCTID
51J000	Laparoscopic anastomosis of gallbladder to intestine SYNONYM • Laparoscopic cholecystenterostomy	440581009
51J001	Endoscopic ultrasonography guided cholecystoduodenostomy and insertion of stent SYNONYM • Endoscopic ultrasound cholecystoduodenostomy and insertion of stent • Cholecystoduodenostomy and insertion of stent using endoscopic ultrasonography guidance • EUS (endoscopic ultrasound) guided cholecystoduodenostomy and insertion of stent • Anastomosis of gallbladder to duodenum and insertion of stent using endoscopic ultrasonography guidance • Cholecystoduodenostomy using endoscopic ultrasonography guidance with stent insertion	1264439009

Code	Term	SCTID
51J002	Endoscopic ultrasonography guided choledochoduodenostomy SYNONYM • EUS (endoscopic ultrasound) guided choledochoduodenostomy • Choledochoduodenostomy using endoscopic ultrasonography guidance	1216987008
51J003	Endoscopic ultrasonography guided choledochoduodenostomy and insertion of biliary stent SYNONYM • EUS (endoscopic ultrasound) guided choledochoduodenostomy and insertion of biliary stent • Endoscopic ultrasound guided choledochoduodenostomy and insertion of biliary stent • Choledochoduodenostomy and insertion of biliary stent using endoscopic ultrasonography guidance	1268402000
51J004	Endoscopic ultrasonography guided hepaticogastrostomy SYNONYM • Anastomosis of hepatic duct to stomach using endoscopic ultrasonography guidance • Hepaticogastrostomy using endoscopic ultrasonography guidance • EUS (endoscopic ultrasound) guided hepaticogastrostomy • Endoscopic ultrasound guided hepaticogastrostomy • Endoscopic ultrasound guided hepatogastrostomy	1216947003
51J005	Endoscopic ultrasonography guided hepaticogastrostomy and insertion of biliary stent SYNONYM • Hepaticogastrostomy and insertion of biliary stent using endoscopic ultrasonography guidance • Endoscopic ultrasound guided hepaticogastrostomy and insertion of biliary stent • EUS (endoscopic ultrasound) guided hepaticogastrostomy and insertion of biliary stent • Endoscopic ultrasound guided hepatogastrostomy and insertion of biliary stent • Anastomosis of hepatic duct to stomach and insertion of biliary stent using endoscopic ultrasonography guidance	1268385000

Code	Term	SCTID
51J006	Robotic assisted hepatojejunostomy SYNONYM • Robot assisted anastomosis of hepatic duct to jejunum • Hepatojejunostomy using robotic assistance • Anastomosis of hepatic duct to jejunum using robotic assistance • Robot assisted hepatojejunostomy	1255940008

9.9.10. Replacement

Code	Term	SCTID
51K000	Endoscopic change of biliary stent SYNONYM • Endoscopic retrograde renewal of tubal prosthesis in bile duct	174625005
51K001	Endoscopic retrograde cholangiopancreatography with replacement of bile duct stent SYNONYM • Endoscopic retrograde cholangiopancreatography with replacement of bile duct stent using fluoroscopic guidance with contrast • ERCP (endoscopic retrograde cholangiopancreatography) with replacement of biliary stent using fluoroscopic guidance with contrast	709467007
51K002	Endoscopic retrograde renewal of expanding metal stent in bile duct	427552002

9.9.11. Structural modification

Code	Term	SCTID
51L000	Choledochoscopy and dilation of common bile duct SYNONYM • Choledochoscopy and dilation of CBD (common bile duct) • Choledochoscopy and dilatation of common bile duct	1287827009
51L001	Endoscopic dilation of ampulla of Vater	448799003
51L002	Endoscopic dilation of bile duct SYNONYM • Endoscopic dilatation of bile duct	302207003

Code	Term	SCTID
51L003	Endoscopic retrograde cholangiopancreatography with dilation of bile duct SYNONYM • Endoscopic retrograde cholangiopancreatography with dilation of bile duct using fluoroscopic guidance with contrast • ERCP (endoscopic retrograde cholangiopancreatography) with dilatation of bile duct using fluoroscopic guidance with contrast	432876003

9.9.12. Other

Code	Term	SCTID
51X000	Endoscopic retrograde photodynamic laser therapy of lesion of bile duct	426963003

9.10. Procedures on pancreas

9.10.1. Biopsy

Code	Term	SCTID
52A000	Endoscopic ultrasonography guided biopsy of lesion of pancreas SYNONYM • Biopsy of lesion of pancreas using endoscopic ultrasonography guidance • Biopsy of lesion of pancreas using endoscopic ultrasound guidance	1217422001
52A001	Laparoscopic ultrasonography guided biopsy of lesion of pancreas SYNONYM • Biopsy of lesion of pancreas using laparoscopic ultrasonography guidance • Biopsy of lesion of pancreas using laparoscopic ultrasound guidance	1217398009
52A002	Endoscopic biopsy of pancreas	448588002

Code	Term	SCTID
52A003	Endoscopic ultrasonography guided fine needle aspiration of pancreatic lesion SYNONYM • EUS FNA (endoscopic ultrasonography fine needle aspiration) of pancreatic lesion • Fine needle aspiration of lesion of pancreas using endoscopic ultrasonography guidance • Endoscopic ultrasound guided fine needle aspiration of pancreatic lesion • Fine needle aspiration biopsy of lesion of pancreas using endoscopic ultrasonography guidance	788641000
52A004	Laparoscopic biopsy of transplanted pancreas	6591000179103
52A005	Endoscopic biopsy of pancreatic duct	65369003

9.10.2. Destruction

Code	Term	SCTID
52B000	Endoscopic argon plasma coagulation of pancreas SYNONYM • Endoscopic APC (argon plasma coagulation) of pancreas	1255931009
52B001	Endoscopic destruction of lesion of pancreatic duct	42704006
52B002	Endoscopic destruction of tissue of pancreatic duct	609189000
52B003	Ultrasonography guided endoscopic radiofrequency ablation of lesion of pancreas SYNONYM • Endoscopic ultrasound guided radiofrequency ablation of lesion of pancreas • EUS-RFA (endoscopic ultrasound guided radiofrequency ablation) of pancreatic lesion • Endoscopic ultrasound guided radiofrequency ablation of pancreatic lesion	1389216009

Code	Term	SCTID
52B004	Endoscopic ultrasonography guided radiofrequency ablation of pancreas SYNONYM • Radiofrequency ablation of pancreas using endoscopic ultrasonography guidance • Endoscopic ultrasound guided radiofrequency ablation of pancreas	1389298009

9.10.3. Evaluation-inspection

Code	Term	SCTID
52C000	Endoscopic retrograde pancreatography via accessory ampulla of Vater using fluoroscopic guidance with contrast SYNONYM • ERP (endoscopic retrograde pancreatography) via accessory ampulla of Vater using fluoroscopic guidance with contrast	1375972008
52C001	Endoscopy of pancreas	255229001
52C002	Endoscopic ultrasound examination of pancreas	426808008
52C003	Laparoscopic ultrasound examination of pancreas	425814009
52C004	Pancreatoscopy	1389306003
52C005	Therapeutic endoscopic ultrasound of pancreas	89901000146106
52C006	Endoscopic procedure on pancreatic duct for control of hemorrhage	609202000

9.10.6. Introduction

Code	Term	SCTID
52F000	Endoscopic insertion of stent into pancreatic duct	112886009
52F001	Endoscopic retrograde cholangiopancreatography with insertion of pancreatic stent using fluoroscopic guidance with contrast	1389283007
52F002	Endoscopic insertion of nasopancreatic drainage tube	87124007

Code	Term	SCTID
52F003	Endoscopic ultrasonography guided insertion of fiducial marker into pancreas SYNONYM • Insertion of fiducial marker into pancreas using endoscopic ultrasonography guidance • Endoscopic ultrasound guided fiducial marker insertion into pancreas • EUS (endoscopic ultrasound) insertion of fiducial marker into pancreas	788639001

9.10.7. Opening

Code	Term	SCTID
52G000	Endoscopic sphincterotomy of accessory ampulla of Vater	174619006

9.10.8. Removal

Code	Term	SCTID
52H000	Choledochoscopic lithotripsy of biliopancreatic calculus using endoscopic retrograde cholangiopancreatography guidance	1389284001
52H001	Endoscopic retrograde drainage of lesion of pancreas	174638002
52H002	Endoscopic aspiration of pancreas using ultrasound guidance SYNONYM • Endoscopic aspiration of pancreas using ultrasound (US) guidance • Endoscopic ultrasound guided aspiration of pancreas	432543006
52H003	Endoscopic debridement of pancreatic and peripancreatic necrosis SYNONYM • Endoscopic pancreatic sequestrectomy • Endoscopic pancreatic necrosectomy • Endoscopic necrosectomy of pancreas	1255925006
52H004	Endoscopic excision of lesion of pancreatic duct	7833003
52H005	Endoscopic excision of tissue of pancreatic duct	609192001

Code	Term	SCTID
52H006	Laparoscopic subtotal excision of distal pancreas SYNONYM • Laparoscopic distal pancreatectomy • Laparoscopic distal subtotal pancreatectomy	1255431003
52H007	Robot assisted subtotal excision of distal pancreas SYNONYM • Subtotal excision of distal pancreas using robotic assistance • Robot assisted distal pancreatectomy • Robot assisted distal subtotal pancreatectomy	1255432005
52H008	Robotic assisted central pancreatectomy SYNONYM • Robot assisted central pancreatectomy • Central pancreatectomy using robotic assistance	1260291002
52H009	Laparoscopic pancreaticoduodenectomy SYNONYM • Minimally invasive pancreaticoduodenectomy	1344964008
52H010	Robotic assisted pancreaticoduodenectomy SYNONYM • Pancreaticoduodenectomy using robotic assistance • Robotic assisted Whipple procedure • Robotic assisted Whipple operation	1260293004
52H011	Endoscopic removal of stones from pancreatic duct	61049008
52H012	Endoscopic retrograde removal of calculus from pancreatic duct	174636003
52H013	Endoscopic removal of pancreatic stent	314609000

9.10.9. Repair

Code	Term	SCTID
52J000	Endoscopic ultrasonography guided cystogastrostomy of pancreas SYNONYM • EUS (endoscopic ultrasound) guided cystogastrostomy of pancreas • Cystogastrostomy of pancreas using endoscopic ultrasonography guidance • Cystogastrostomy of pancreas using endoscopic ultrasound guidance	1231314009

Code	Term	SCTID
52J001	Laparoscopic cystogastrostomy of pancreas SYNONYM • Laparoscopic pancreaticocystogastrostomy	1162481001
52J002	Endoscopic ultrasonography guided cystogastrostomy of pancreas and insertion of stent SYNONYM • Cystogastrostomy of pancreas and insertion of stent using endoscopic ultrasonography guidance • Endoscopic ultrasound guided cystogastrostomy of pancreas and insertion of stent • EUS (endoscopic ultrasound) guided cystogastrostomy of pancreas and insertion of stent	1268399001

9.10.10. Replacement

Code	Term	SCTID
52K000	Endoscopic change of pancreatic stent SYNONYM • Endoscopic retrograde renewal of tubal prosthesis in pancreatic duct	174635004
52K001	Endoscopic retrograde cholangiopancreatography with replacement of pancreatic duct stent SYNONYM • ERCP (endoscopic retrograde cholangiopancreatography) with replacement of pancreatic stent using fluoroscopic guidance with contrast • Endoscopic retrograde cholangiopancreatography with replacement of pancreatic duct stent using fluoroscopic guidance with contrast	1389277009

9.10.11. Structural modification

Code	Term	SCTID
52L000	Endoscopic dilation of pancreatic duct SYNONYM • Dilation of pancreatic duct by ERCP	55648009
52L001	Endoscopic retrograde dilation of pancreatic duct	174639005

9.11. Repair of hernia

9.11.3. Evaluation-inspection

Code	Term	SCTID
53C000	Endoscopy of inguinal region	83494009

9.11.9. Repair

Code	Term	SCTID
53J000	Endoscopic repair of inguinal hernia	1380192009
53J001	Laparoscopic repair of inguinal hernia	15018006
53J002	Laparoscopic repair of inguinal hernia using surgical mesh SYNONYM • Laparoscopic inguinal hernioplasty using surgical mesh	773225002
53J003	Laparoscopic repair of inguinal hernia with prosthesis	609257003
53J004	Laparoscopic repair of obstructed inguinal hernia	608794001
53J005	Laparoscopic repair of obstructed inguinal hernia with prosthesis	609259000
53J006	Laparoscopic repair of recurrent inguinal hernia with prosthesis	609262002
53J007	Laparoscopic repair of strangulated inguinal hernia	608795000
53J008	Laparoscopic repair of strangulated inguinal hernia with prosthesis	609267008
53J009	Laparoscopic totally extraperitoneal repair of inguinal hernia using synthetic mesh SYNONYM • Laparoscopic TEP (totally extraperitoneal) inguinal hernioplasty using synthetic mesh • Laparoscopic TEP (totally extraperitoneal) repair of inguinal hernia using synthetic mesh	773159005
53J010	Laparoscopic totally extraperitoneal repair of recurrent inguinal hernia using synthetic mesh SYNONYM • Laparoscopic TEP (totally extraperitoneal) hernioplasty using synthetic mesh for recurrent inguinal hernia • Laparoscopic TEP (totally extraperitoneal) repair of recurrent inguinal hernia using synthetic mesh	773161001

Code	Term	SCTID
53J011	Laparoscopic transabdominal preperitoneal repair of inguinal hernia using synthetic mesh SYNONYM • Laparoscopic TAPP (transabdominal preperitoneal) inguinal hernioplasty using synthetic mesh • Laparoscopic TAPP (transabdominal preperitoneal) repair of inguinal hernia using synthetic mesh	773224003
53J012	Laparoscopic transabdominal preperitoneal repair of recurrent inguinal hernia using synthetic mesh SYNONYM • Laparoscopic TAPP (transabdominal preperitoneal) repair of recurrent inguinal hernia using synthetic mesh • Laparoscopic TAPP (transabdominal preperitoneal) hernioplasty using synthetic mesh for recurrent inguinal hernia	773226001
53J013	Endoscopic repair of femoral hernia	1380191002
53J014	Laparoscopic repair of right inguinal hernia using surgical mesh SYNONYM • Laparoscopic right inguinal hernioplasty using surgical mesh	746220009
53J015	Laparoscopic repair of left inguinal hernia using surgical mesh SYNONYM • Laparoscopic left inguinal hernioplasty using surgical mesh	746215009
53J016	Repair of right inguinal hernia using robotic assistance SYNONYM • Robot assisted repair of right inguinal hernia	1156323002
53J017	Repair of left inguinal hernia using robotic assistance SYNONYM • Robot assisted repair of left inguinal hernia	1156324008
53J018	Repair of inguinal hernia using robotic assistance SYNONYM • Robot assisted repair of inguinal hernia	1156322007
53J019	Laparoscopic repair of bilateral direct inguinal hernia SYNONYM • Laparoscopic repair of both direct inguinal hernia	708970009

Code	Term	SCTID
53J020	Laparoscopic repair of bilateral direct inguinal hernia with graft	1343515000
53J021	Laparoscopic repair of bilateral direct inguinal hernia with prosthesis	1343516004
53J022	Laparoscopic repair of bilateral indirect inguinal hernia SYNONYM • Laparoscopic repair of both indirect inguinal hernia	708972001
53J023	Laparoscopic repair of bilateral indirect inguinal hernia with graft	1343517008
53J024	Laparoscopic repair of bilateral indirect inguinal hernia with prosthesis	1343518003
53J025	Laparoscopic repair of right direct inguinal hernia and left indirect inguinal hernia with graft	1351936006
53J026	Laparoscopic repair of left direct inguinal hernia and right indirect inguinal hernia with graft	1351935005
53J027	Laparoscopic repair of right direct inguinal hernia and left indirect inguinal hernia with prosthesis	1351938007
53J028	Laparoscopic repair of left direct inguinal hernia and right indirect inguinal hernia with prosthesis	1351937002
53J029	Laparoscopic repair of bilateral inguinal hernia with graft	1343559009
53J030	Laparoscopic repair of bilateral inguinal hernia with prosthesis	1343558001
53J031	Laparoscopic repair of femoral hernia using surgical mesh SYNONYM • Laparoscopic hernioplasty of femoral hernia using surgical mesh	773228000
53J032	Laparoscopic repair of femoral hernia with prosthesis	608814005
53J033	Laparoscopic repair of obstructed femoral hernia with prosthesis	609258008
53J034	Laparoscopic repair of recurrent femoral hernia with prosthesis	609261009

Code	Term	SCTID
53J035	Laparoscopic repair of strangulated femoral hernia with prosthesis	609266004
53J036	Laparoscopic totally extraperitoneal repair of femoral hernia using synthetic mesh SYNONYM • Laparoscopic TEP (totally extraperitoneal) repair of femoral hernia using synthetic mesh • Laparoscopic TEP (totally extraperitoneal) femoral hernioplasty using synthetic mesh	773158002
53J037	Laparoscopic totally extraperitoneal repair of recurrent femoral hernia using synthetic mesh SYNONYM • Laparoscopic TEP (totally extraperitoneal) hernioplasty using synthetic mesh for recurrent femoral hernia • Laparoscopic TEP (totally extraperitoneal) repair of recurrent femoral hernia using synthetic mesh	773160000
53J038	Laparoscopic transabdominal preperitoneal repair of femoral hernia using synthetic mesh SYNONYM • Laparoscopic TAPP (transabdominal preperitoneal) femoral hernioplasty using synthetic mesh • Laparoscopic TAPP (transabdominal preperitoneal) repair of femoral hernia using synthetic mesh	773227005
53J039	Laparoscopic transabdominal preperitoneal repair of recurrent femoral hernia using synthetic mesh SYNONYM • Laparoscopic TAPP (transabdominal preperitoneal) repair of recurrent femoral hernia using synthetic mesh • Laparoscopic TAPP (transabdominal preperitoneal) hernioplasty using synthetic mesh for recurrent femoral hernia	773229008
53J040	Laparoscopic repair of femoral hernia	608789001
53J041	Laparoscopic repair of obstructed femoral hernia	608793007
53J042	Laparoscopic repair of strangulated femoral hernia	608792002

Code	Term	SCTID
53J043	Laparoscopic repair of paraumbilical hernia using biological mesh SYNONYM • Laparoscopic paraumbilical hernioplasty using biological mesh	1263402002
53J044	Laparoscopic repair of paraumbilical hernia using synthetic mesh SYNONYM • Laparoscopic paraumbilical hernioplasty using synthetic mesh	1260479009
53J045	Laparoscopic repair of recurrent paraumbilical hernia with prosthesis	609264001
53J046	Laparoscopic repair of recurrent umbilical hernia using biological mesh SYNONYM • Laparoscopic hernioplasty using biological mesh for recurrent umbilical hernia	771712000
53J047	Laparoscopic repair of recurrent umbilical hernia using biological mesh with fascial closure SYNONYM • Laparoscopic hernioplasty using biological mesh with fascial closure for recurrent umbilical hernia	773147006
53J048	Laparoscopic repair of recurrent umbilical hernia using synthetic mesh SYNONYM • Laparoscopic hernioplasty using synthetic mesh for recurrent umbilical hernia	771711007
53J049	Laparoscopic repair of recurrent umbilical hernia using synthetic mesh with fascial closure SYNONYM • Laparoscopic hernioplasty using synthetic mesh with fascial closure for recurrent umbilical hernia	773150009
53J050	Laparoscopic repair of umbilical hernia using biological mesh SYNONYM • Laparoscopic umbilical hernioplasty using biological mesh	771709003

Code	Term	SCTID
53J051	Laparoscopic repair of umbilical hernia using biological mesh with fascial closure SYNONYM • Laparoscopic umbilical hernioplasty using biological mesh with fascial closure	773145003
53J052	Laparoscopic repair of umbilical hernia using synthetic mesh SYNONYM • Laparoscopic umbilical hernioplasty using synthetic mesh	771707001
53J053	Laparoscopic repair of umbilical hernia using synthetic mesh with fascial closure SYNONYM • Laparoscopic umbilical hernioplasty using synthetic mesh with fascial closure	773149009
53J054	Laparoscopic repair of paraumbilical hernia	1260480007
53J055	Laparoscopic repair of paraumbilical hernia with suture SYNONYM • Laparoscopic paraumbilical herniorrhaphy	762248001
53J056	Laparoscopic repair of recurrent umbilical hernia using sutures	771710008
53J057	Laparoscopic repair of strangulated umbilical hernia	1335744001
53J058	Laparoscopic repair of umbilical hernia	771708006
53J059	Laparoscopic repair of umbilical hernia using sutures SYNONYM • Laparoscopic umbilical herniorrhaphy	771706005
53J060	Laparoscopic repair of epigastric hernia	771726009
53J061	Laparoscopic repair of hernia of anterior abdominal wall SYNONYM • Laparoscopic repair of ventral hernia	703945007
53J062	Laparoscopic repair of incisional hernia	608833000
53J063	Laparoscopic repair of incisional hernia of abdominal wall	772100005
53J064	Laparoscopic repair of obstructed hernia of anterior abdominal wall SYNONYM • Laparoscopic repair of obstructed ventral hernia	705152006

Code	Term	SCTID
53J065	Laparoscopic repair of obstructed incisional hernia	608834006
53J066	Laparoscopic repair of spigelian hernia	608791009
53J067	Laparoscopic repair of strangulated incisional hernia	608835007
53J068	Laparoscopic repair of strangulated ventral hernia	704086008
53J069	Repair of ventral hernia using robotic assistance SYNONYM • Robotic assisted repair of ventral hernia • Robot assisted repair of ventral hernia	1260478001
53J070	Laparoscopic preperitoneal onlay mesh repair of incisional hernia of anterior abdominal wall SYNONYM • Laparoscopic PPOM (preperitoneal onlay mesh) repair of incisional hernia of anterior abdominal wall • Laparoscopic preperitoneal hernioplasty of incisional hernia of anterior abdominal wall	1186993008
53J071	Laparoscopic repair of incisional hernia of anterior abdominal wall using biological mesh with anterior component separation SYNONYM • Laparoscopic hernioplasty of incisional hernia of anterior abdominal wall using biological mesh with anterior component separation	773254008
53J072	Laparoscopic repair of incisional hernia of anterior abdominal wall using synthetic mesh with anterior component separation SYNONYM • Laparoscopic hernioplasty of incisional hernia of anterior abdominal wall using synthetic mesh with anterior component separation	773256005
53J073	Laparoscopic repair of incisional hernia using biological mesh SYNONYM • Laparoscopic incisional hernioplasty using biological mesh	772105000
53J074	Laparoscopic repair of incisional hernia using biological mesh with fascial closure SYNONYM • Laparoscopic incisional hernioplasty using biological mesh with fascial closure	773153006

Code	Term	SCTID
53J075	Laparoscopic repair of incisional hernia using synthetic mesh SYNONYM • Laparoscopic incisional hernioplasty using synthetic mesh	772104001
53J076	Laparoscopic repair of incisional hernia using synthetic mesh with fascial closure SYNONYM • Laparoscopic incisional hernioplasty using synthetic mesh with fascial closure	773151008
53J077	Laparoscopic repair of incisional hernia with prosthesis	704039009
53J078	Laparoscopic repair of obstructed incisional hernia with prosthesis	704038001
53J079	Laparoscopic repair of recurrent incisional hernia of anterior abdominal wall using biological mesh with anterior component separation SYNONYM • Laparoscopic hernioplasty of recurrent incisional hernia of anterior abdominal wall using biological mesh with anterior component separation	773255009
53J080	Laparoscopic repair of recurrent incisional hernia of anterior abdominal wall using synthetic mesh with anterior component separation SYNONYM • Laparoscopic hernioplasty of recurrent incisional hernia of anterior abdominal wall using synthetic mesh with anterior component separation	773257001
53J081	Laparoscopic repair of recurrent incisional hernia using biological mesh SYNONYM • Laparoscopic hernioplasty using biological mesh for recurrent incisional hernia	772106004

Code	Term	SCTID
53J082	Laparoscopic repair of recurrent incisional hernia using biological mesh with fascial closure SYNONYM • Laparoscopic hernioplasty using biological mesh with fascial closure for recurrent incisional hernia	773154000
53J083	Laparoscopic repair of recurrent incisional hernia using synthetic mesh SYNONYM • Laparoscopic hernioplasty using synthetic mesh for recurrent incisional hernia	772124002
53J084	Laparoscopic repair of recurrent incisional hernia using synthetic mesh with fascial closure SYNONYM • Laparoscopic hernioplasty using synthetic mesh with fascial closure for recurrent incisional hernia	773152001
53J085	Laparoscopic repair of epigastric hernia using biological mesh SYNONYM • Laparoscopic epigastric hernioplasty using biological mesh	771724007
53J086	Laparoscopic repair of epigastric hernia using biological mesh with fascial closure SYNONYM • Laparoscopic epigastric hernioplasty using biological mesh with fascial closure	773155004
53J087	Laparoscopic repair of epigastric hernia using synthetic mesh SYNONYM • Laparoscopic epigastric hernioplasty using synthetic mesh	771725008
53J088	Laparoscopic repair of epigastric hernia using synthetic mesh with fascial closure SYNONYM • Laparoscopic epigastric hernioplasty using synthetic mesh with fascial closure	773157007

Code	Term	SCTID
53J089	Laparoscopic repair of hernia of anterior abdominal wall with prosthesis SYNONYM • Laparoscopic repair of ventral hernia with prosthesis	704407008
53J090	Laparoscopic repair of obstructed hernia of anterior abdominal wall with prosthesis SYNONYM • Laparoscopic repair of obstructed ventral hernia with prosthesis	705138009
53J091	Laparoscopic repair of recurrent epigastric hernia using biological mesh SYNONYM • Laparoscopic hernioplasty using biological mesh for recurrent epigastric hernia	771727000
53J092	Laparoscopic repair of recurrent epigastric hernia using biological mesh with fascial closure SYNONYM • Laparoscopic hernioplasty using biological mesh with fascial closure for recurrent epigastric hernia	773156003
53J093	Laparoscopic repair of recurrent epigastric hernia using synthetic mesh SYNONYM • Laparoscopic hernioplasty using synthetic mesh for recurrent epigastric hernia	771728005
53J094	Laparoscopic repair of recurrent epigastric hernia using synthetic mesh with fascial closure SYNONYM • Laparoscopic hernioplasty using synthetic mesh with fascial closure for recurrent epigastric hernia	772996007
53J095	Laparoscopic repair of recurrent ventral hernia using prosthesis SYNONYM • Laparoscopic repair of recurrent hernia of anterior abdominal wall using prosthesis	737060007

Code	Term	SCTID
53J096	Laparoscopic repair of recurrent spigelian hernia using biological mesh SYNONYM Laparoscopic hernioplasty using biological mesh for recurrent spigelian hernia	772113004
53J097	Laparoscopic repair of recurrent spigelian hernia using biological mesh with fascial closure SYNONYM Laparoscopic hernioplasty using biological mesh with fascial closure for recurrent spigelian hernia	772243009
53J098	Laparoscopic repair of recurrent spigelian hernia using synthetic mesh SYNONYM Laparoscopic hernioplasty using synthetic mesh for recurrent spigelian hernia	772114005
53J099	Laparoscopic repair of recurrent spigelian hernia using synthetic mesh with fascial closure SYNONYM Laparoscopic hernioplasty using synthetic mesh with fascial closure for recurrent spigelian hernia	772242004
53J100	Laparoscopic repair of recurrent spigelian hernia with prosthesis	609265000
53J101	Laparoscopic repair of spigelian hernia using biological mesh SYNONYM Laparoscopic spigelian hernioplasty using biological mesh	772111002
53J102	Laparoscopic repair of spigelian hernia using biological mesh with fascial closure SYNONYM Laparoscopic spigelian hernioplasty using biological mesh with fascial closure	772240007
53J103	Laparoscopic repair of spigelian hernia using synthetic mesh SYNONYM Laparoscopic spigelian hernioplasty using synthetic mesh	772112009

Code	Term	SCTID
53J104	Laparoscopic repair of spigelian hernia using synthetic mesh with fascial closure SYNONYM • Laparoscopic spigelian hernioplasty using synthetic mesh with fascial closure	772239005
53J105	Laparoscopic repair of spigelian hernia with prosthesis	609273009
53J106	Laparoscopic repair of hiatus hernia	413181005
53J107	Laparoscopic repair of congenital hernia of foramen of Morgagni	1366300004
53J108	Thoracoscopic repair of congenital diaphragmatic hernia SYNONYM • Thoracoscopic repair of diaphragmatic hernia in neonate	708641003
53J109	Thoracoscopic repair of congenital hernia of foramen of Bochdalek using video assistance SYNONYM • VATS (video-assisted thoracoscopic surgery) repair of congenital hernia of foramen of Bochdalek	1366213007
53J110	Laparoscopic repair of hernia SYNONYM • Laparoscopic hernioplasty	710785000
53J111	Laparoscopic repair of hernia using surgical mesh SYNONYM • Laparoscopic hernioplasty using surgical mesh	174201000112 103
53J112	Laparoscopic repair of lumbar hernia	772083008
53J113	Laparoscopic repair of lumbar hernia using biological mesh SYNONYM • Laparoscopic lumbar hernioplasty using biological mesh	772080006
53J114	Laparoscopic repair of lumbar hernia using biological mesh with fascial closure SYNONYM • Laparoscopic lumbar hernioplasty using biological mesh with fascial closure	772774007
53J115	Laparoscopic repair of lumbar hernia using synthetic mesh SYNONYM • Laparoscopic lumbar hernioplasty using synthetic mesh	772081005

Code	Term	SCTID
53J116	Laparoscopic repair of lumbar hernia using synthetic mesh with fascial closure SYNONYM • Laparoscopic lumbar hernioplasty using synthetic mesh with fascial closure	772773001
53J117	Laparoscopic repair of obturator hernia	608790005
53J118	Laparoscopic repair of obturator hernia with prosthesis	609260005
53J119	Laparoscopic repair of recurrent lumbar hernia using biological mesh SYNONYM • Laparoscopic hernioplasty using biological mesh for recurrent lumbar hernia	772084002
53J120	Laparoscopic repair of recurrent lumbar hernia using biological mesh with fascial closure SYNONYM • Laparoscopic hernioplasty using biological mesh with fascial closure for recurrent lumbar hernia	772775008
53J121	Laparoscopic repair of recurrent lumbar hernia using synthetic mesh SYNONYM • Laparoscopic hernioplasty using synthetic mesh for recurrent lumbar hernia	772079008
53J122	Laparoscopic repair of recurrent lumbar hernia using synthetic mesh with fascial closure SYNONYM • Laparoscopic hernioplasty using synthetic mesh with fascial closure for recurrent lumbar hernia	772776009
53J123	Laparoscopic repair of recurrent obturator hernia with prosthesis	609263007

9.12. Other procedures on abdominal region

9.12.1. Biopsy

Code	Term	SCTID
54A000	Endoscopic ultrasonography of peritoneum and biopsy of intraabdominal organ SYNONYM • Endoscopic ultrasound scan of peritoneum and biopsy of intraabdominal organ • Endoscopic ultrasound of peritoneum and biopsy of intraabdominal organ	1220540002
54A001	Endoscopic ultrasonography of peritoneum and biopsy of lesion of peritoneum SYNONYM • Endoscopic ultrasound of peritoneum and biopsy of lesion of peritoneum • Endoscopic ultrasound scan of peritoneum and biopsy of lesion of peritoneum	1220605009
54A002	Exploratory laparotomy with biopsy	12324002
54A003	Laparoscopic biopsy of lesion of omentum	450502006
54A004	Laparoscopic biopsy of lesion of peritoneum	708628002
54A005	Laparoscopy with biopsy SYNONYM • Peritoneoscopy with biopsy • Laparoscopic biopsy	63185002

9.12.2. Destruction

Code	Term	SCTID
54B000	Laparoscopic ligation of inferior mesenteric artery	448166005
54B001	Laparoscopy with fulguration of lesion SYNONYM • Endoscopic destruction of lesion of peritoneum	14412009
54B002	Laparoscopic laser destruction of endometriosis	416155004

9.12.3. Evaluation-inspection

Code	Term	SCTID
54C000	Endoscopic ultrasonography of peritoneum SYNONYM • Endoscopic ultrasound scan of peritoneum • Endoscopic ultrasound of peritoneum	1220539004

Code	Term	SCTID
54C001	Laparoscopic staging of Hodgkin's disease or lymphoma SYNONYM • Laparoscopic staging of Hodgkin disease or lymphoma	31726006
54C002	Laparoscopic ultrasound examination	314608008
54C003	Laparoscopy SYNONYM • Celioscopy • Peritoneoscopy	73632009
54C004	Mesentery endoscopy	120181005
54C005	Peritoneum endoscopy	120182003

9.12.4. Evaluation-other

Code	Term	SCTID
54D000	Exploration of pelvis by laparotomy SYNONYM • Exploration of pelvic cavity by laparotomy	40801000
54D001	Exploratory laparotomy SYNONYM • Exploratory celiotomy • Exploration of abdomen • Exploration of peritoneal cavity • Exploration of peritoneum	74770008
54D002	Exploration using laparoscope SYNONYM • Laparoscopic exploration	446805001

9.12.6. Introduction

Code	Term	SCTID
54F000	Laparoscopy and peritoneal lavage SYNONYM • Laparoscopy with peritoneal washout	450435004
54F001	Laparoscopic insertion of peritoneal dialysis catheter	438341004
54F002	Laparoscopic insertion of permanent intraperitoneal catheter	439825000

Code	Term	SCTID
54F003	Pressurized intraperitoneal aerosol chemotherapy SYNONYM • PIPAC - pressurized intraperitoneal aerosol chemotherapy	1396855001

9.12.7. Opening

Code	Term	SCTID
54G000	Hand-assisted laparoscopic surgical procedure	51101000087104
54G001	Hand-assisted laparoscopic surgical procedure with conversion to open approach	51111000087102
54G002	Laparoscopic procedure with conversion to open approach	47021000146101

9.12.8. Removal

Code	Term	SCTID
54H000	Laparoscopic restorative proctocolectomy with ileal pouch anal anastomosis SYNONYM • Laparoscopic excision of large bowel with ileal pouch anal anastomosis • Laparoscopic excision of colon and rectum with ileoanal anastomosis • Laparoscopic excision of colon and rectum with ileal pouch anal anastomosis • Laparoscopic proctocolectomy with ileoanal anastomosis • Laparoscopic proctocolectomy with ileal pouch anal anastomosis • Laparoscopic restorative proctocolectomy	787108001
54H001	Laparoscopic drainage of pelvic abscess	736346008
54H002	Endoscopic resection of lesion of peritoneum	177993002
54H003	Robot assisted laparoscopic omentectomy SYNONYM • Laparoscopic excision of omentum using robotic assistance • Laparoscopic omentectomy using robotic assistance	1264456001
54H004	Laparoscopic omentectomy	708819001
54H005	Laparoscopy with excision of lesion	30392007
54H006	Endoscopic division of adhesions of peritoneum	264971004

Code	Term	SCTID
54H007	Laparoscopic lysis of adhesion of peritoneum SYNONYM • Laparoscopic lysis of peritoneal adhesion	708614008
54H008	Laparoscopic lysis of adhesions SYNONYM • Laparoscopy with lysis of adhesions • Laparoscopic adhesiolysis	9540004
54H009	Endoscopic removal of foreign body from peritoneum	177996005
54H010	Endoscopic vaginal natural orifice transluminal removal of adnexal structures SYNONYM • Vaginal adnexectomy • Vaginal salpingo-oophorectomy	1381275003
54H011	Laparoscopic exenteration of pelvis	1286976009

9.12.9. Repair

Code	Term	SCTID
54J000	Laparoscopic repair of strangulated ventral hernia with prosthesis	704085007

9.12.10. Replacement

Code	Term	SCTID
54K000	Laparoscopic implantation of intramuscular diaphragm electrodes	1304047005

9.12.11. Structural modification

Code	Term	SCTID
54L000	Laparoscopic augmentation of lower esophageal sphincter using magnetic titanium ring	773127003
54L001	Laparoscopic repositioning of Tenckhoff catheter	708988001
54L002	Laparoscopic plication of uterosacral ligament	1263716008

9.12.12. Other

Code	Term	SCTID
54X000	Laparoscopic diaphragm pacing	397404002

กลุ่มที่ 10: Procedures on the urinary system

10.1. Procedures on kidney

10.1.1. Biopsy

Code	Term	SCTID
55A000	Ureterorenoscopy and biopsy	309871009
55A001	Endoscopic retrograde examination of kidney and biopsy of lesion of kidney	1217159009
55A002	Laparoscopic biopsy of transplanted kidney	6501000179109
55A003	Nephroscopy and biopsy of renal lesion SYNONYM • Nephroscopic biopsy of renal lesion	175962002

10.1.2. Destruction

Code	Term	SCTID
55B000	Nephroscopic lithotripsy of renal calculus SYNONYM • PCL - Percutaneous lithotripsy of renal calculus	386198008
55B001	Nephroscopy and electrohydraulic lithotripsy of renal calculus	175952009
55B002	Endoscopic cryoablation of lesion of kidney	425751005
55B003	Laparoscopic ablation of lesion of kidney	439808002
55B004	Laparoscopic radiofrequency ablation of neoplasm of kidney SYNONYM • Laparoscopic radiofrequency ablation of renal tumor	1197604004
55B005	Endoscopic laser fragmentation of renal calculus	175953004
55B006	Ureteroscopic laser ablation of stenosis of ureteropelvic junction	1389153007
55B007	Endoscopic ultrasound fragmentation of renal calculus SYNONYM • Nephroscopy and ultrasound lithotripsy of renal calculus	175951002

10.1.3. Evaluation-inspection

Code	Term	SCTID
55C000	Endoscopy of kidney	52621004
55C001	Nephroscopy	872341000168 100
55C002	Endoscopy of renal pelvis SYNONYM • Renal pyeloscopy	5105000
55C003	Transurethral ureterorenoscopy SYNONYM • TURS - Transurethral ureterorenoscopy	386788007
55C004	Ureterorenoscopy SYNONYM • URS - Ureterorenoscopy	386787002
55C005	Cystoscopy and fluoroscopic retrograde pyelography with contrast	1380181008

10.1.5. Fixation

Code	Term	SCTID
55E000	Laparoscopic nephropexy SYNONYM • Laparoscopic fixation of kidney	446126004
55E001	Retroperitoneoscopic nephropexy SYNONYM • Laparoscopic fixation of kidney by retroperitoneal approach	447532009

10.1.6. Introduction

Code	Term	SCTID
55F000	Cystourethroscopy with percutaneous insertion of nephrostomy tube SYNONYM • Cystourethroscopy with creation of percutaneous nephrostomy	440649005

10.1.7. Opening

Code	Term	SCTID
55G000	Ureteroscopic laser incision of stenosis of ureteropelvic junction	1389150005

10.1.8. Removal

Code	Term	SCTID
55H000	Laparoscopic pyelolithotomy SYNONYM • Laparoscopic removal of calculus from renal pelvis by incision	446921005
55H001	Endoscopic extirpation of lesion of kidney SYNONYM • Nephroscopy and extirpation of lesion of kidney	175958008
55H002	Nephroscopic resection of lesion in renal pelvis SYNONYM • Percutaneous resection of lesion in renal pelvis	236154005
55H003	Laparoscopic partial nephrectomy of right kidney SYNONYM • Laparoscopic excision of part of right kidney	1119318002
55H004	Laparoscopic partial nephrectomy of left kidney SYNONYM • Laparoscopic excision of part of left kidney	1119317007
55H005	Laparoscopic partial nephrectomy of right kidney via retroperitoneal approach SYNONYM • Laparoscopic excision of part of right kidney via retroperitoneal approach	1119320004
55H006	Laparoscopic partial nephrectomy of left kidney via retroperitoneal approach SYNONYM • Laparoscopic excision of part of left kidney via retroperitoneal approach	1119319005
55H007	Laparoscopic partial nephrectomy SYNONYM • Laparoscopic partial excision of kidney	439739008

Code	Term	SCTID
55H008	Retroperitoneoscopic partial nephrectomy SYNONYM Laparoscopic partial excision of kidney by retroperitoneal approach	446894005
55H009	Robot assisted laparoscopic partial nephrectomy SYNONYM - Robot assisted laparoscopic partial excision of kidney - Partial nephrectomy, laparoscopic with robot assistance - Laparoscopic partial excision of kidney using robotic assistance	708929007
55H010	Laparoscopic nephrectomy and partial ureterectomy SYNONYM Laparoscopic excision of kidney and partial excision of ureter	440446009
55H011	Laparoscopic nephrectomy and total ureterectomy SYNONYM Laparoscopic excision of kidney and total excision of ureter	439964001
55H012	Laparoscopic nephroureterectomy SYNONYM Laparoscopic excision of ureter and kidney	446990000
55H013	Retroperitoneoscopic nephroureterectomy SYNONYM Laparoscopic excision of ureter and kidney by retroperitoneal approach	447531002
55H014	Laparoscopic radical excision of kidney by retroperitoneal approach SYNONYM - Retroperitoneoscopic radical nephrectomy - Retroperitoneoscopic radical excision of kidney - RRN - retroperitoneoscopic radical nephrectomy	1289993008
55H015	Laparoscopic radical nephrectomy	439235001
55H016	Laparoscopic radical nephrectomy using robotic assistance SYNONYM Robot assisted laparoscopic radical nephrectomy	712998006
55H017	Laparoscopic total excision of right kidney SYNONYM Laparoscopic total nephrectomy of right kidney	1017216005

Code	Term	SCTID
55H018	Laparoscopic total excision of left kidney SYNONYM • Laparoscopic total nephrectomy of left kidney	1017217001
55H019	Laparoscopic total nephrectomy SYNONYM • Laparoscopic total excision of kidney	446296004
55H020	Retroperitoneoscopic total excision of kidney SYNONYM • Laparoscopic total excision of kidney by retroperitoneal approach	447527008
55H021	Laparoscopic total excision of right kidney via retroperitoneal approach	1017219003
55H022	Laparoscopic total excision of left kidney via retroperitoneal approach	1017218006
55H023	Nephroureterectomy with cystoscopically assisted ureterectomy	236139004
55H024	Single port laparoscopic nephrectomy	714031000
55H025	Laparoscopic bilateral total nephrectomy	698869007
55H026	Laparoscopic decortication of cyst of kidney	446844009
55H027	Retroperitoneoscopic decortication of cyst of kidney SYNONYM • Laparoscopic decortication of cyst of kidney by retroperitoneal approach	447480009
55H028	Endoscopic extraction of calculus of kidney	450516001
55H029	Ureterorenoscopy with fragmentation and removal of calculus of kidney SYNONYM • Ureterorenoscopy with fragmentation and removal of kidney stone • Ureterorenoscopy with fragmentation and removal of renal stone • Ureterorenoscopy with fragmentation and removal of renal calculus	789781007
55H030	Laparoscopic lysis of adhesions of kidney SYNONYM • Laparoscopic nephrolysis	1392340004

Code	Term	SCTID
55H031	Laparoscopic lysis of adhesions of kidney using robotic assistance SYNONYM • Laparoscopic nephrolysis using robotic assistance	1392341000

10.1.9. Repair

Code	Term	SCTID
55J000	Laparoscopic ureterocaliceal anastomosis SYNONYM • Laparoscopic ureterocalycostomy	1389341004
55J001	Laparoscopic ureterocaliceal anastomosis using robotic assistance SYNONYM • Laparoscopic ureterocalycostomy using robotic assistance	1389342006
55J002	Robot assisted laparoscopic pyeloplasty SYNONYM • Pyeloplasty, laparoscopic with robot assistance	708918008
55J003	Laparoscopic pyeloplasty SYNONYM • Laparoscopic reconstruction of ureteropelvic junction	439826004
55J004	Laparoscopic reconstruction of ureteropelvic junction by retroperitoneal approach SYNONYM • Retroperitoneoscopic pyeloplasty	699727005

10.1.10. Replacement

Code	Term	SCTID
55K000	Laparoscopic transplant of kidney using robotic assistance	782655004

10.1.11. Structural modification

Code	Term	SCTID
55L000	Endoscopic endoluminal balloon rupture of stenosis of pelviureteric junction of kidney	427173009
55L001	Laparoscopic pyeloureterostomy and rerouting of ureter	1392336008

Code	Term	SCTID
55L002	Laparoscopic pyeloureterostomy and rerouting of ureter using robotic assistance	1392338009
55L003	Percutaneous endoluminal balloon rupture of stenosis of pelviureteric junction SYNONYM • Percutaneous endobrst dilatation of pelviureteric junction • Percutaneous endobrst dilation of pelviureteric junction	236155006

10.1.12. Other

Code	Term	SCTID
55X000	Laparoscopic live donor nephrectomy	708908003

10.2. Procedures on ureter

10.2.1. Biopsy

Code	Term	SCTID
56A000	Cystourethroscopy with biopsy of ureter	195801001
56A001	Endoscopy and biopsy of lesion of ureter using rigid ureteroscope	441736002
56A002	Ureteroscopy with biopsy SYNONYM • Endoscopic biopsy of ureter • Endoscopic ureter biopsy	196539005
56A003	Cystourethroscopy with ureteral catheterization and brush biopsy of lower urinary tract	771480002

10.2.2. Destruction

Code	Term	SCTID
56B000	Nephroscopic laser fragmentation of ureteric calculus	176050007
56B001	Nephroscopic lithotripsy of ureteric calculus	236172004
56B002	Nephroscopic ultrasound fragmentation of ureteric calculus	236173009
56B003	Cystoscopic laser lithotripsy of ureteric calculus	176064007
56B004	Cystoscopic lithotripsy of ureteric calculus	236190003

Code	Term	SCTID
56B005	Endoscopic ablation of neoplasm of ureter using laser	446588008
56B006	Ureteroscopic fragmentation of ureteric calculus SYNONYM • Ureteroscopic lithotripsy of ureteric calculus	236179008
56B007	Ureteroscopic laser fragmentation of ureteric calculus SYNONYM • Ureteroscopic laser lithotripsy of ureteric calculus	176058000
56B008	Ureteroscopy and electrohydraulic lithotripsy of calculus of ureter	446587003
56B009	Ureteroscopic ablation of stricture of ureter using laser	447342007
56B010	Ureteroscopic ultrasound fragmentation of ureteric calculus	236180006

10.2.3. Evaluation-inspection

Code	Term	SCTID
56C000	Nephroscopic ureteric stent procedure SYNONYM • Percutaneous ureteric stent procedure	286559005
56C001	Antegrade ureteroscopy	236170007
56C002	Endoscopy of ureter using fluoroscopic guidance	432242002
56C003	Ureteroscopy SYNONYM • Cystoscopy of ureter • Ureteroscopic operation • Cystoureteroscopy • Endoscopy of ureter • Endoscopic ureter operation	387717002
56C004	Percutaneous nephroscopic operation on ureter	236169006
56C005	Ureteroscopic ureteric stent procedure	286565005

10.2.4. Evaluation-other

Code	Term	SCTID
56D000	Cystoscopic ureteric sampling of urine	176083000

10.2.6. Introduction

Code	Term	SCTID
56F000	Cystoscopic insertion of ureteric stent	176073004
56F001	Cystourethroscopy with ureteral catheterization SYNONYM • Cystoscopic insertion of indwelling catheter of ureter	387598008
56F002	Reinsertion of ureteral stent by transurethral approach	85593003
56F003	Ureteroscopic insertion of ureteric stent	236185001

10.2.7. Opening

Code	Term	SCTID
56G000	Ureteroscopic operation for ureteric calculus	297932004
56G001	Endoscopic incision of ureterocele	712755002
56G002	Incision of ureter by transurethral endoscopic approach using laser SYNONYM • Endoscopic transurethral laser ureterotomy	1202009000
56G003	Laparoscopic ureterotomy SYNONYM • Laparoscopic incision of ureter	446075001
56G004	Retroperitoneoscopic ureterotomy SYNONYM • Laparoscopic incision of ureter by retroperitoneal approach	447505004
56G005	Transurethral endoscopic incision of ureteric orifice SYNONYM • TUUI - Transurethral ureteric incision • Transurethral ureteric meatotomy • Endoscopic ureteric meatotomy	176098003
56G006	Therapeutic ureteroscopic operation on ureter	236178000
56G007	Ureteroscopic division of stricture of ureter	447343002

10.2.8. Removal

Code	Term	SCTID
56H000	Nephroscopic extraction of ureteric calculus without disintegration	236171006

Code	Term	SCTID
56H001	Nephroscopic removal of ureteric calculus SYNONYM • Antegrade extraction of ureteric calculus	176052004
56H002	Cystoscopic extraction of ureteric calculus	265562006
56H003	Cystoscopic extraction of ureteric calculus without disintegration SYNONYM • Dormia basket extraction of ureteric calculus	302361003
56H004	Cystoscopic upward disimpaction of ureteric calculus	236191004
56H005	Endoscopic excision of neoplasm of ureter	447310001
56H006	Endoscopic extirpation of lesion of ureter	176072009
56H007	Pushpull operation for ureteric calculus	236152009
56H008	Ureteroscopic disimpaction of ureteric calculus	236181005
56H009	Ureteroscopic extraction of ureteric calculus without disintegration	302607007
56H010	Ureteroscopic removal of ureteric calculus	265561004
56H011	Ureteroscopic removal of ureteric lesion	236182003
56H012	Cystourethroscopy with resection of ureterocele	153001
56H013	Endoscopic transurethral resection of ureteric orifice	425779004
56H014	Laparoscopic ureterolithotomy SYNONYM • Laparoscopic incision of ureter and removal of calculus	446316001
56H015	Retroperitoneoscopic ureterolithotomy SYNONYM • Laparoscopic incision of ureter and removal of calculus by retroperitoneal approach	447602008
56H016	Laparoscopic excision of stricture of ureter	446714001
56H017	Retroperitoneoscopic excision of stricture of ureter SYNONYM • Laparoscopic excision of stricture of ureter by retroperitoneal approach	447422004

Code	Term	SCTID
56H018	Laparoscopic partial ureterectomy SYNONYM • Laparoscopic partial excision of ureter	446713007
56H019	Retroperitoneoscopic partial ureterectomy SYNONYM • Laparoscopic partial excision of ureter by retroperitoneal approach	447603003
56H020	Laparoscopic total ureterectomy SYNONYM • Laparoscopic total excision of ureter	446715000
56H021	Retroperitoneoscopic total ureterectomy SYNONYM • Laparoscopic total excision of ureter by retroperitoneal approach	447423009
56H022	Cystoscopic removal of ureteric stent	176074005
56H023	Ureteroscopic removal of ureteric stent	236186000

10.2.9. Repair

Code	Term	SCTID
56J000	Laparoscopic uretero-ureterostomy	699724003
56J001	Robot assisted laparoscopic uretero-ureterostomy SYNONYM • Laparoscopic uretero-ureterostomy using robotic assistance • Laparoscopic ureteroureterostomy using robotic assistance	712994008
56J002	Laparoscopic cutaneous ureteroileostomy SYNONYM • Formation of cutaneous uretero-ileostomy, laparoscopic • Laparoscopic construction of cutaneous ureteroileostomy	699721006
56J003	Laparoscopic ureteroileostomy with urinary diversion	699570007
56J004	Laparoscopic ureteroileostomy	699558008
56J005	Laparoscopic transureteroureterostomy	699725002
56J006	Laparoscopic suturing of laceration of ureter	447344008
56J007	Retroperitoneoscopic suturing of laceration of ureter SYNONYM • Laparoscopic suturing of laceration of ureter by retroperitoneal approach	447581006

Code	Term	SCTID
56J008	Laparoscopic closure of fistula of ureter	446544001
56J009	Retroperitoneoscopic closure of fistula of ureter SYNONYM • Laparoscopic closure of fistula of ureter by retroperitoneal approach	447582004
56J010	Laparoscopic ileal replacement of ureter SYNONYM • Laparoscopic ileal interposition of ureter	1288030001
56J011	Laparoscopic repair of ureter	736484003
56J012	Laparoscopic repair of ureter by retroperitoneal approach SYNONYM • Retroperitoneoscopic repair of ureter	738548004
56J013	Robot assisted laparoscopic ureteroplasty with oral mucosal graft SYNONYM • Laparoscopic ureteroplasty with oral mucosal graft using robotic assistance	1204240001

10.2.10. Replacement

Code	Term	SCTID
56K000	Laparoscopic reimplantation of ureter by transvesical approach	1389343001
56K001	Laparoscopic reimplantation of ureter by transvesical approach using robotic assistance SYNONYM • Robot-assisted laparoscopic intravesical ureteral reimplantation	1389344007
56K002	Laparoscopic reimplantation of ureter SYNONYM • Reimplantation of ureter using laparoscope	769078000
56K003	Cystoscopic replacement of ureteric stent	236195008
56K004	Ureteroscopic replacement of ureteric stent	236188004

10.2.11. Structural modification

Code	Term	SCTID
56L000	Laparoscopic cutaneous ureterostomy	699738005
56L001	Rendezvous bypass of ureteric occlusion and insertion of ureteric stent SYNONYM Combined synchronous percutaneous antegrade fluoroscopic and retrograde ureteroscopic bypass of ureteric occlusion and insertion of ureteric stent	699239003
56L002	Percutaneous nephroscopic balloon dilation of ureter SYNONYM - Percutaneous nephroscopic balloon dilatation of ureter - Percutaneous antegrade balloon dilatation of ureter	176054003
56L003	Cystoscopic dilation of ureter for calculus SYNONYM - Cystoscopic dilatation of ureter for calculus - Cystoscopic dilation of ureter for drainage of calculus	176068005
56L004	Ureteroscopic balloon rupture and stenting SYNONYM Ureteroscopic endobrst operation	361254007
56L005	Ureteroscopic dilation of stricture of ureter using balloon catheter	446545000
56L006	Ureteroscopic dilation of ureter SYNONYM - Ureteroscopic dilatation of ureter - Endoscopic dilatation of ureter - Endoscopic dilation of ureter	176075006
56L007	Ureteroscopic endoluminal rupture of stenosis of ureter using balloon	429051005

10.2.12. Other

Code	Term	SCTID
56X000	Percutaneous adjustment of ureteric stent SYNONYM Nephroscopic adjustment of ureteric stent	236175002
56X001	Ureteroscopic adjustment of ureteric stent	236187009
56X002	Cystoscopic adjustment of ureteric stent	236194007

10.3. Procedures on urinary bladder

10.3.1. Biopsy

Code	Term	SCTID
57A000	Rigid cystoscopy and biopsy of lesion of urinary bladder SYNONYM • Cystoscopy and biopsy of bladder lesion using rigid cystoscope • Rigid cystoscopy and biopsy of bladder lesion • Rigid cystoscopy and biopsy of lesion of bladder • Rigid cystoscopy and biopsy of urinary bladder lesion	1208467002
57A001	Cystoscopy and biopsy of lesion of urinary bladder SYNONYM • Cystoscopy and biopsy of lesion of bladder	1208470003
57A002	Cystoscopy and biopsy of urinary bladder SYNONYM • Cystoscopy and biopsy of bladder • Endoscopic bladder biopsy • Cystoscopy and bladder biopsy • Cystoscopy and transurethral biopsy of bladder • Cystourethroscopy with biopsy of bladder	1208469004
57A003	Flexible cystoscopy and biopsy of lesion of urinary bladder SYNONYM • Cystoscopy and biopsy of bladder lesion using flexible cystoscope • Flexible cystoscopy and biopsy of lesion of bladder • Flexible cystoscopy and biopsy of bladder lesion • Flexible cystoscopy and biopsy of urinary bladder lesion	1208463003

10.3.2. Destruction

Code	Term	SCTID
57B000	Cystoscopy and electrohydraulic lithotripsy of calculus of bladder	446685001
57B001	Cystoscopy and lithotripsy of calculus of bladder using laser	446546004
57B002	Cystoscopy and cystodiathermy SYNONYM • Cystoscopy and cauterization of bladder	361259002

Code	Term	SCTID
57B003	Cystoscopy and destruction of lesion of urinary bladder SYNONYM • Cystoscopy and destruction of bladder lesion • Transurethral destruction of bladder lesion	236229002
57B004	Cystoscopy and laser destruction of lesion of urinary bladder SYNONYM • Cystoscopy and laser destruction of bladder lesion • Endoscopic destruction of bladder tumor by laser	176162009
57B005	Flexible cystoscopy and cystodiathermy	265568005
57B006	Flexible cystoscopy and cystodiathermy of lesion of urinary bladder SYNONYM • Flexible cystoscopy and cystodiathermy of lesion of bladder • Flexible cystoscopy and cystodiathermy of bladder lesion	176159006
57B007	Flexible cystoscopy and laser destruction of lesion of urinary bladder SYNONYM • Flexible cystoscopy and laser destruction of bladder lesion	300963001
57B008	Rigid cystoscopy and cystodiathermy	265567000
57B009	Rigid cystoscopy and cystodiathermy of lesion of urinary bladder SYNONYM • Rigid cystoscopy and cystodiathermy of lesion of bladder • Rigid cystoscopy and cystodiathermy of bladder lesion	236230007
57B010	Rigid cystoscopy and laser destruction of lesion of urinary bladder SYNONYM • Rigid cystoscopy and laser destruction of bladder lesion	300962006
57B011	Transurethral cystoscopic fulguration of urinary bladder SYNONYM • Transurethral fulguration of bladder • Transurethral cystoscopic fulguration of bladder • Transurethral fulguration of urinary bladder	14515009

Code	Term	SCTID
57B012	Cystoscopic laser photocoagulation of hemorrhage of urinary bladder	446716004

10.3.3. Evaluation-inspection

Code	Term	SCTID
57C000	Endoscopy of urinary bladder through artificial stoma SYNONYM • Endoscopy of bladder through artificial stoma • Cystoscopy of bladder via stoma	85798005
57C001	Cystoscopy	142505009
57C002	Flexible cystoscopy SYNONYM • Fiberoptic cystoscopy	301301002
57C003	Fluorescence cystoscopy	47161000052108
57C004	Rigid cystoscopy	301302009
57C005	Transurethral cystoscopy SYNONYM • Urethrocystoscopy • Cystourethroscopy	386745004
57C006	Cystoscopy and fluoroscopic retrograde ureteropyelography with contrast	1380180009

10.3.5. Fixation

Code	Term	SCTID
57E000	Gittes endoscopic suspension of neck of urinary bladder SYNONYM • Gittes endoscopic bladder neck suspension • Gittes suspension	308496008
57E001	Stamey endoscopic suspension of neck of urinary bladder SYNONYM • Stamey endoscopic bladder neck suspension	386733008

Code	Term	SCTID
57E002	Pereyra Raz endoscopic suspension of neck of urinary bladder SYNONYM • Pereyra Raz endoscopic bladder neck suspension	271491001
57E003	Laparoscopic colposuspension	713182005

10.3.6. Introduction

Code	Term	SCTID
57F000	Cystoscopic suburethral injection in female	265578008
57F001	Endoscopic injection of bulking agent in bladder outlet	1388291007
57F002	Endoscopic injection of bulking agent in ureteral orifice	1388290008
57F003	Endoscopic suburethral injection of collagen in female	303454006
57F004	Submucosal injection of polytetrafluoroethylene to female urinary bladder neck SYNONYM • Submucous Teflon injection to female bladder neck • Submucous polytetrafluoroethylene injection to female bladder neck • Submucous Teflon injection to female urinary bladder neck • STING - submucous Teflon injection to female bladder neck	236244001
57F005	Cystourethroscopy with insertion of radioactive substance	14826006

10.3.7. Opening

Code	Term	SCTID
57G000	Cystourethroscopy with ureteral meatotomy	1052220002
57G001	Cystourethroscopy with right ureteral meatotomy	1052214003
57G002	Cystourethroscopy with left ureteral meatotomy	1052213009
57G003	Cystourethroscopy with bilateral ureteral meatotomy	46361001
57G004	Incision of neck of urinary bladder by transurethral approach using laser	447309006
57G005	Transurethral external sphincterotomy of male urinary bladder SYNONYM • Transurethral external sphincterotomy of male bladder • Endoscopic external sphincterotomy of male bladder	388229009

Code	Term	SCTID
57G006	Transurethral incision of external sphincter of urinary bladder	710296009
57G007	Transurethral incision of neck of urinary bladder SYNONYM • Transurethral incision of bladder neck • Transurethral resection of bladder neck • Transurethral resection of vesical neck	388228001

10.3.8. Removal

Code	Term	SCTID
57H000	Cystoscopic litholapaxy SYNONYM • Endoscopic litholapaxy • Bigelow litholapaxy • Transurethral visual litholapaxy	71323009
57H001	Cystoscopic removal of foreign body from urinary bladder SYNONYM • Cystoscopic removal of foreign body from bladder • Endoscopic removal of foreign body from bladder • Cystoscopy to remove object	386751009
57H002	Cystoscopy and removal of calculus of urinary bladder SYNONYM • Cystoscopy and removal of calculus of bladder	445950006
57H003	Cystourethroscopy with irrigation and removal of clot	440191006
57H004	Endoscopic removal of bulking agent from outlet of female urinary bladder SYNONYM • Endoscopic removal of bulking agent from outlet of female bladder	1260207009
57H005	Endoscopic removal of bulking agent from outlet of male urinary bladder SYNONYM • Endoscopic removal of bulking agent from outlet of male bladder	1260206000
57H006	Transurethral cystoscopic removal of blood clot from urinary bladder SYNONYM • Transurethral cystoscopic removal of blood clot from bladder • Transurethral evacuation of blood clot from bladder	389043002

Code	Term	SCTID
57H007	Laparoscopic incision of bladder and removal of calculus	1344651009
57H008	Cystoscopic removal of lesion of urinary bladder SYNONYM • Endoscopic removal of bladder lesion • Cystoscopic removal of bladder lesion	384628002
57H009	Cystoscopy and transurethral resection of lesion of urinary bladder SYNONYM • Cystoscopy and transurethral resection of bladder lesion	386793005
57H010	Cystoscopy and transurethral resection of neoplasm of urinary bladder SYNONYM • Cystoscopy and transurethral resection of bladder tumor	386791007
57H011	Rigid cystoscopy and transurethral resection of lesion of urinary bladder SYNONYM • Rigid cystoscopy and transurethral resection of bladder lesion	176155000
57H012	Transurethral electroresection of urinary bladder SYNONYM • Transurethral resection - electroresection of bladder	288011009
57H013	Transurethral excision of female urinary bladder neck SYNONYM • Transurethral resection of female bladder neck	176246007
57H014	Transurethral excision of male urinary bladder neck SYNONYM • Endoscopic resection of neck of male bladder • Transurethral resection of male bladder neck	236253008
57H015	Transurethral excision of papilloma of urinary bladder SYNONYM • Transurethral resection of bladder papilloma	274037007
57H016	Transurethral excision of polyp of urinary bladder SYNONYM • Transurethral resection - bladder polypectomy	287717003

Code	Term	SCTID
57H017	Transurethral excision of ulcer of urinary bladder SYNONYM • Transurethral resection - bladder ulcer excision	288012002
57H018	Laparoscopic diverticulectomy of urinary bladder SYNONYM • Laparoscopic excision of diverticulum of urinary bladder	446585006
57H019	Robot assisted laparoscopic excision of diverticulum of urinary bladder SYNONYM • Diverticulectomy in urinary bladder, laparoscopic with robot assistance • Robot assisted laparoscopic diverticulectomy of urinary bladder • Laparoscopic excision of diverticulum of urinary bladder using robotic assistance	708927009
57H020	Laparoscopic partial cystectomy SYNONYM • Laparoscopic partial excision of urinary bladder	446586007
57H021	Laparoscopic radical cystectomy SYNONYM • Laparoscopic radical excision of urinary bladder	1287977006
57H022	Robot assisted laparoscopic radical cystectomy SYNONYM • Radical cystectomy, laparoscopic with robot assistance • Laparoscopic radical cystectomy using robotic assistance	708928004
57H023	Laparoscopic total cystectomy SYNONYM • Laparoscopic total excision of urinary bladder	447307008
57H024	Cystourethroscopy with resection of external sphincter of urinary bladder SYNONYM • Cystourethroscopy with resection of external sphincter of bladder	84042007
57H025	Cystourethroscopy with resection of neck of urinary bladder SYNONYM • Cystourethroscopy with resection of bladder neck	388230004
57H026	Laparoscopic lysis of perivesical adhesions	446893004

Code	Term	SCTID
57H027	Cystourethroscopy with transurethral excision of ejaculatory duct	439111004
57H028	Endoscopic transurethral removal of tension free vaginal tape from urinary bladder SYNONYM • Endoscopic transurethral removal of TVT (tension free vaginal tape) from bladder • Endoscopic transurethral removal of tension free vaginal tape from bladder	1260491000
57H029	Endoscopic transurethral removal of transobturator tape from urinary bladder SYNONYM • Endoscopic transurethral removal of transobturator tape from bladder • Endoscopic transurethral removal of TOT (transobturator tape) from bladder • Endoscopic transurethral removal of TVT-O (tension free vaginal tape - obturator) from bladder	1260493002

10.3.9. Repair

Code	Term	SCTID
57J000	Cystoscopic anastomosis of ureter to urinary bladder SYNONYM • Cystoscopic ureteroneocystostomy • Cystoscopic anastomosis of ureter to bladder	439110003
57J001	Laparoscopic anastomosis of ureter to urinary bladder with psoas hitch SYNONYM • Laparoscopic anastomosis of ureter to bladder with psoas hitch	736487005
57J002	Laparoscopic anastomosis of ureter to urinary bladder with psoas hitch using robotic assistance SYNONYM • Laparoscopic anastomosis of ureter to bladder with psoas hitch using robotic assistance • Robot assisted laparoscopic anastomosis of ureter to bladder with psoas hitch • Laparoscopic anastomosis of ureter to bladder with psoas hitch with robot assistance	1186996000

Code	Term	SCTID
57J003	Ureteroneocystostomy with urinary bladder flap SYNONYM • Ureteroneocystostomy with bladder flap • Replacement of ureter with bladder flap • Boari operation with bladder flap • Boari flap anastomosis of ureter to bladder	83588004
57J004	Laparoscopic ureteroneocystostomy with urinary bladder flap SYNONYM • Laparoscopic ureteroneocystostomy with bladder flap	699742008
57J005	Laparoscopic repair of bladder	1389379009
57J006	Laparoscopic repair of urinary stress incontinence using sling	439946008

10.3.10. Replacement

Code	Term	SCTID
57K000	Laparoscopic ureteroneocystostomy by extravesical approach SYNONYM • Laparoscopic extravesical ureteroneocystostomy • Laparoscopic reimplantation of ureter by extravesical approach	1389346009
57K001	Laparoscopic ureteroneocystostomy by extravesical approach using robotic assistance SYNONYM • Laparoscopic reimplantation of ureter by extravesical approach using robotic assistance	1389347000

10.3.11. Structural modification

Code	Term	SCTID
57L000	Cystoscopic dilation of ureteric orifice SYNONYM • Cystoscopic dilatation of ureteric orifice	176101004
57L001	Laparoscopic augmentation of urinary bladder SYNONYM • Laparoscopic augmentation cystoplasty	1389385002

Code	Term	SCTID
57L002	Laparoscopic augmentation of urinary bladder using robotic assistance SYNONYM • Laparoscopic robotic assisted augmentation cystoplasty	1389384003
57L003	Transurethral operation to increase urinary bladder capacity SYNONYM • Transurethral operation to increase bladder capacity • Cystoscopic operation to increase bladder capacity	176165006
57L004	Endoscopic dilation of ureteric orifice SYNONYM • Ureteroscopic dilation of ureteric orifice	427636005
57L005	Cystoscopic hydrostatic distension of urinary bladder SYNONYM • Cystoscopic hydrostatic distension of bladder • Cystodistension • Endoscopic overdistension of bladder	386800008

10.4. Procedures on urethra

10.4.1. Biopsy

Code	Term	SCTID
58A000	Urethroscopy and biopsy SYNONYM • Endoscopic examination of urethra and biopsy	1216990002

10.4.2. Destruction

Code	Term	SCTID
58B000	Cystoscopy and destruction of valve of urethra	447381007
58B001	Endoscopic destruction of tissue of urethra	609190009
58B002	Endoscopic destruction of urethral valve	427536000
58B003	Urethroscopic destruction of lesion of urethra	447311002
58B004	Urethroscopy and destruction of valve of urethra	447382000

10.4.3. Evaluation-inspection

Code	Term	SCTID
58C000	Endoscopy of urethra SYNONYM • Endoscopic exploration of urethra • Urethroscopy	386544003
58C001	Perineal urethroscopy	12744005

10.4.6. Introduction

Code	Term	SCTID
58F000	Cystoscopy with insertion of urethral catheter using guide wire	1389036002
58F001	Endoscopic insertion of urethral stent	176357004
58F002	Endoscopic injection of bulking agent in urethra wall	1388289004
58F003	Endoscopic suburethral injection in male	265587004

10.4.7. Opening

Code	Term	SCTID
58G000	Cystourethroscopy with internal female urethrotomy	90954002
58G001	Cystourethroscopy with internal male urethrotomy	25846008
58G002	Urethroscopic operation	236293006

10.4.8. Removal

Code	Term	SCTID
58H000	Cystourethroscopy with resection of posterior urethra	70729001
58H001	Endoscopic excision of tissue of urethra	609193006
58H002	Endoscopic resection of posterior urethral valve	176358009
58H003	Hook ablation of posterior urethral valve	176374004
58H004	Urethroscopic excision of lesion of urethra	446589000
58H005	Urethroscopic removal of lesion in urethra	265599006
58H006	Endoscopic removal of urethral calculus	315318003
58H007	Endoscopic removal of urethral stent	176359001
58H008	Endoscopic transurethral removal of tension free vaginal tape from urethra SYNONYM • Endoscopic transurethral removal of TVT (tension free vaginal tape) from urethra	1260490004

Code	Term	SCTID
58H009	Endoscopic transurethral removal of transobturator tape from urethra SYNONYM • Endoscopic transurethral removal of TOT (transobturator tape) from urethra • Endoscopic transurethral removal of TVT-O (tension free vaginal tape - obturator) from urethra	1260492007
58H010	Urethroscopic removal of foreign body from urethra	176354006

10.4.11. Structural modification

Code	Term	SCTID
58L000	Cystourethroscopy with dilation of urethral stricture	79181001
58L001	Urethroscopic dilation of urethra SYNONYM • Endoscopic dilatation of urethra • Endoscopic dilation of urethra • Urethroscopic urethral dilatation	176356008

10.5. Other procedures on urinary tract

10.5.1. Biopsy

Code	Term	SCTID
59A000	Endoscopic ultrasonography guided biopsy of retroperitoneum SYNONYM • Biopsy of retroperitoneum using endoscopic ultrasonography guidance • Biopsy of retroperitoneum using endoscopic ultrasound guidance	1220579008

10.5.3. Evaluation-inspection

Code	Term	SCTID
59C000	Endoscopy of urinary diversion	1217152000

10.5.4. Evaluation-other

Code	Term	SCTID
59D000	Laparoscopic exploration of retroperitoneum	1332049005

10.5.8. Removal

Code	Term	SCTID
59H000	Endoscopic extraction of calculus of urinary tract proper	704100003
59H001	Laparoscopic excision of cyst of urachus SYNONYM • Laparoscopic excision of urachal cyst	1389377006
59H002	Laparoscopic excision of cyst of urachus using robotic assistance SYNONYM • Laparoscopic excision of urachal cyst using robotic assistance	1389378001
59H003	Laparoscopic excision of neoplasm of urachus SYNONYM • Laparoscopic excision of tumor of urachus	1389388000
59H004	Laparoscopic excision of neoplasm of urachus using robotic assistance SYNONYM • Laparoscopic excision of tumor of urachus using robotic assistance	1389387005
59H005	Laparoscopic lysis of perirenal adhesions	446891002
59H006	Retroperitoneoscopic lysis of perirenal adhesions SYNONYM • Laparoscopic lysis of perirenal adhesions by retroperitoneal approach	447494005
59H007	Laparoscopic lysis of periureteral adhesions	446892009
59H008	Retroperitoneoscopic lysis of periureteral adhesions SYNONYM • Laparoscopic lysis of periureteral adhesions by retroperitoneal approach	447495006

กลุ่มที่ 11: Procedures on the male genital organs

11.1. Procedures on prostate and seminal vesicles

11.1.1. Biopsy

Code	Term	SCTID
60A000	Cystoscopy and transurethral biopsy of prostate	236224007
60A001	Rigid cystoscopy and biopsy of lesion of prostate SYNONYM • Endoscopic examination of bladder and biopsy of lesion of prostate using rigid cystoscope	1208468007

11.1.2. Destruction

Code	Term	SCTID
60B000	Endoscopic destruction of lesion of prostate	450514003
60B001	Endoscopic transurethral fulguration of prostate SYNONYM • Transurethral fulguration of prostate • Endoscopic transurethral electrovaporization of prostate	87030009
60B002	Endoscopic microwave destruction of lesion of prostate	427680005
60B003	Endoscopic transurethral microwave thermotherapy to prostate	310818005
60B004	Endoscopic radiofrequency ablation of lesion of prostate	427118006

11.1.3. Evaluation-inspection

Code	Term	SCTID
60C000	Transurethral seminal vesiculoscopy	1389142001

11.1.6. Introduction

Code	Term	SCTID
60F000	Transurethral insertion of prostatic urethral lift implant SYNONYM • Insertion of prostatic urethral lift by transurethral cystoscopic approach using prostatic retraction implant	725959008
60F001	Cystoscopic insertion of prostatic stent	446444004
60F002	Endoscopic insertion of prostatic stent	176306003

11.1.7. Opening

Code	Term	SCTID
60G000	Endoscopic transurethral incision of prostate using holmium laser SYNONYM • Transurethral holmium laser incision of prostate	1389108005
60G001	Prostatic hemorrhage endoscopic control	287776003

11.1.8. Removal

Code	Term	SCTID
60H000	Endoscopic drainage of prostate	176303006
60H001	Transurethral resection of prostate using holmium laser SYNONYM • Endoscopic excision of prostate using holmium laser • Endoscopic holmium laser resection of prostate	446445003
60H002	Bipolar transurethral enucleation of prostate SYNONYM • BipolEP - bipolar enucleation of prostate	1148688001
60H003	Bipolar transurethral resection of prostate	1148689009
60H004	Complete transurethral resection of prostate, including control of postoperative bleeding	87795007
60H005	Endoscopic resection of prostate using electrotome SYNONYM • TURP (transurethral resection of prostate) using electrotome	314202001
60H006	Excision of median bar of prostate by transurethral approach	85768003
60H007	Laser enucleation of the prostate	118161009
60H008	Laser enucleation of the prostate with intravesical morcellation	118162002
60H009	Revision of transurethral resection of prostate	236252003
60H010	Holmium laser enucleation of prostate SYNONYM • Transurethral holmium laser enucleation of prostate • HoLEP - holmium laser enucleation of prostate	699075006

Code	Term	SCTID
60H011	Transurethral resection of prostate SYNONYM • Transurethral prostatectomy • Loop prostatectomy • Endoscopic resection of prostate • Endoscopic prostatectomy • TURP - transurethral resection of prostate • TUR (transurethral resection) of prostate	90199006
60H012	Transurethral resection of prostate using laser SYNONYM • Transurethral laser-induced prostatectomy • TULIP - transurethral laser-induced prostatectomy • ELAP - endoscopic laser ablation of prostate	176288003
60H013	Transurethral resection of prostate using thulium laser	1389141008
60H014	Transurethral resection of prostate, first stage of two stages	68986004
60H015	Transurethral thulium laser enucleation of prostate SYNONYM • ThuLEP - thulium laser enucleation of prostate	699077003
60H016	Laparoscopic simple excision of prostate by transvesical approach SYNONYM • Laparoscopic simple prostatectomy via transvesical approach	1395900006
60H017	Laparoscopic simple excision of prostate by transvesical approach using robotic assistance SYNONYM • Laparoscopic simple prostatectomy via transvesical approach using robotic assistance	1395901005
60H018	Laparoscopic simple excision of prostate SYNONYM • Laparoscopic simple prostatectomy	1395899001
60H019	Laparoscopic simple excision of prostate using robotic assistance SYNONYM • Laparoscopic simple prostatectomy using robotic assistance	1395902003
60H020	Laparoscopic radical prostatectomy	1342337003

Code	Term	SCTID
60H021	Robot assisted laparoscopic radical prostatectomy SYNONYM • Radical prostatectomy, laparoscopic with robot assistance • Laparoscopic radical prostatectomy using robotic assistance • RALP - robotic-assisted laparoscopic prostatectomy • RARP - robotic-assisted radical prostatectomy	708919000
60H022	Laparoscopic excision of prostatic utricle cyst	1389372000
60H023	Laparoscopic excision of prostatic utricle cyst using robotic assistance	1389373005
60H024	Prostatectomy using robotic assistance SYNONYM • Prostatectomy with robot assistance • Robot assisted prostatectomy	1193692007
60H025	Laparoscopic excision of seminal vesicle SYNONYM • Laparoscopic seminal vesiculectomy	1389375003
60H026	Laparoscopic excision of seminal vesicle using robotic assistance SYNONYM • Laparoscopic seminal vesiculectomy using robotic assistance	1389374004
60H027	Endoscopic removal of prostatic stent	176308002

11.1.10. Replacement

Code	Term	SCTID
60K000	Endoscopic replacement of prostatic stent	176309005

11.1.12. Other

Code	Term	SCTID
60X000	Endoscopic adjustment of prostatic stent	236254002

11.3. Procedures on testis

11.3.1. Biopsy

Code	Term	SCTID
62A000	Incisional biopsy of seminiferous tubule for spermatozoa extraction using operating microscope SYNONYM • Microdissection testicular sperm extraction • microTESE - microdissection testicular sperm extraction • Incisional biopsy of seminiferous tubule for sperm extraction using operating microscope	1255864008

11.3.2. Destruction

Code	Term	SCTID
62B000	Laparoscopic high ligation of testicular vein SYNONYM • Laparoscopic high ligation of spermatic vein	446678000
62B001	Laparoscopic high ligation of bilateral testicular veins SYNONYM • Laparoscopic high ligation of both spermatic veins • Laparoscopic high ligation of left and right spermatic vein	734478003

11.3.5. Fixation

Code	Term	SCTID
62E000	Laparoscopic fixation of testis	447082006

11.3.8. Removal

Code	Term	SCTID
62H000	Laparoscopic excision of intra-abdominal testis	1389376002
62H001	Laparoscopic excision of testis	447078009

11.4. Procedures on spermatic cord, epididymis, and vas deferens

11.4.2. Destruction

Code	Term	SCTID
63B000	Laparoscopic ligation of varicocele	233451003

11.4.9. Repair

Code	Term	SCTID
63J000	Robot-assisted vasovasostomy SYNONYM • Robot-assisted reversal of vasectomy • Reversal of vasectomy using robotic assistance	1148704007

กลุ่มที่ 12: Procedures on the female genital organs

12.1. Procedures on ovary

12.1.1. Biopsy

Code	Term	SCTID
65A000	Endoscopic biopsy of lesion of ovary	177052007
65A001	Laparoscopic biopsy of ovary	708747005

12.1.2. Destruction

Code	Term	SCTID
65B000	Laparoscopic diathermy of ovary	446450009
65B001	Laparoscopic multi-cauterization of ovary SYNONYM • Endoscopic drilling of ovary • Laparoscopic drilling of ovary	426635002

12.1.3. Evaluation-inspection

Code	Term	SCTID
65C000	Ovary endoscopy	120057001
65C001	Endoscopy of ovary and fallopian tube	79820000

12.1.8. Removal

Code	Term	SCTID
65H000	Laparoscopic salpingo-oophorectomy	446598002
65H001	Laparoscopic incision and drainage of cyst of ovary	445168005
65H002	Laparoscopic incision and drainage of cyst of ovary with conversion to laparotomy	446942007
65H003	Laparoscopic wedge resection of ovary	444624003
65H004	Endoscopic extirpation of lesion of ovary	177046006
65H005	Laparoscopic excision of cyst of right ovary SYNONYM • Laparoscopic right ovarian cystectomy	608892008
65H006	Laparoscopic excision of cyst of left ovary SYNONYM • Laparoscopic left ovarian cystectomy	608891001

Code	Term	SCTID
65H007	Laparoscopic excision of bilateral ovarian cysts SYNONYM • Laparoscopic bilateral ovarian cystectomy	608890000
65H008	Laparoscopic oophorectomy SYNONYM • Laparoscopic excision of ovary	450487000
65H009	Laparoscopic removal of ovarian cyst	450560001
65H010	Laparoscopic right oophorectomy	608887006
65H011	Laparoscopic left oophorectomy	608885003
65H012	Laparoscopic right oophorectomy after prior left oophorectomy	609294007
65H013	Laparoscopic left oophorectomy after prior right oophorectomy	609293001
65H014	Laparoscopic right salpingo-oophorectomy	608889009
65H015	Laparoscopic left salpingo-oophorectomy	608888001
65H016	Laparoscopic right salpingo-oophorectomy after prior left salpingo-oophorectomy	609296009
65H017	Laparoscopic left salpingo-oophorectomy after prior right salpingo-oophorectomy	609295008
65H018	Laparoscopic salpingo-oophorectomy with conversion to laparotomy	446960007
65H019	Laparoscopic bilateral oophorectomy	609275002
65H020	Laparoscopic bilateral salpingo-oophorectomy with conversion to laparotomy	609274003
65H021	Laparoscopic bilateral salpingo-oophorectomy	609230000
65H022	Robot assisted laparoscopic bilateral salpingo-oophorectomy SYNONYM • Laparoscopic bilateral salpingo-oophorectomy using robotic assistance	708816008
65H023	Endoscopic freeing of adhesions of ovary	177047002
65H024	Laparoscopic lysis of adhesions of ovary and fallopian tube	447077004

Code	Term	SCTID
65H025	Laparoscopic oocyte recovery SYNONYM • Laparoscopic oocyte retrieval	265082003

12.1.9. Repair

Code	Term	SCTID
65J000	Laparoscopic repair of ovary and fallopian tube SYNONYM • Laparoscopic salpingo-oophoroplasty	608893003

12.1.11. Structural modification

Code	Term	SCTID
65L000	Laparoscopic marsupialization of cyst of ovary	444866000

12.2. Procedures on fallopian tubes

12.2.1. Biopsy

Code	Term	SCTID
66A000	Endoscopic biopsy of fallopian tube SYNONYM • Endoscopic fallopian biopsy	177000006

12.2.2. Destruction

Code	Term	SCTID
66B000	Endoscopic crushing of bilateral fallopian tubes SYNONYM • Endoscopic crushing of both fallopian tubes	287932001
66B001	Endoscopic ligation and crushing of bilateral fallopian tubes SYNONYM • Endoscopic ligation and crushing of both fallopian tubes	88872008
66B002	Endoscopic bilateral cauterization of fallopian tubes	176978005
66B003	Endoscopic destruction of bilateral fallopian tubes SYNONYM • Endoscopic destruction of both fallopian tubes	53624002
66B004	Laparoscopic sterilization SYNONYM • Laparoscopic female sterilization	16226000

Code	Term	SCTID
66B005	Laparoscopy with occlusion of fallopian tube by device	193331004
66B006	Laparoscopy with fulguration of fallopian tube using electrical energy	33015000

12.2.3. Evaluation-inspection

Code	Term	SCTID
66C000	Ampullosalpingoscopy	236941004
66C001	Fallopscopy SYNONYM • Inspection of fallopian tube via transvaginal approach using microendoscope	447001002
66C002	Laparoscopic dye test of fallopian tube SYNONYM • LAP DYE - laparoscopic dye test of fallopian tube	281258002
66C003	Laparoscopic salpingoscopy SYNONYM • Salpingoscopy	1381763007

12.2.6. Introduction

Code	Term	SCTID
66F000	Endoscopic injection into fallopian tube	176995002
66F001	Endoscopic intrafallopian transfer of gamete	176996001

12.2.7. Opening

Code	Term	SCTID
66G000	Laparoscopic salpingotomy with conversion to laparotomy SYNONYM • Laparoscopic incision of fallopian tube with conversion to laparotomy	446959002
66G001	Laparoscopic salpingotomy	315066001
66G002	Laparoscopic salpingostomy SYNONYM • Laparoscopic salpingoneostomy	1258938004
66G003	Endoscopic ligation and division of bilateral fallopian tubes SYNONYM • Endoscopic ligation and division of both fallopian tubes	63626003

12.2.8. Removal

Code	Term	SCTID
66H000	Endoscopic freeing of adhesions of fallopian tube SYNONYM • Laparoscopic salpingolysis • Salpingolysis - endoscopic	176994003
66H001	Endoscopic segmental excision and ligation of bilateral fallopian tubes SYNONYM • Bilateral segmental tubal excision and ligation by endoscopy • Pomeroy procedure by endoscopy • Endoscopic segmental excision and ligation of both fallopian tubes	17358000
66H002	Uchida fimbriectomy with tubal ligation by endoscopy SYNONYM • Modified Uchida operation on fallopian tube	6527005
66H003	Partial bilateral salpingectomy for sterilization by endoscopy	85855000
66H004	Laparoscopic excision of hydrosalpinx	473277000
66H005	Laparoscopic salpingectomy	315059002
66H006	Laparoscopic excision of fimbrial cyst of fallopian tube	447076008
66H007	Endoscopic removal of clip from fallopian tube	176990007

12.2.9. Repair

Code	Term	SCTID
66J000	Laparoscopic tubotubal anastomosis SYNONYM • Laparoscopic reestablishment of continuity of fallopian tube • Laparoscopic fallopian tube reanastomosis • Laparoscopic end-to-end anastomosis of fallopian tube	1255363008
66J001	Endoscopic reversal of female sterilization SYNONYM • Laparoscopic reversal of female sterilization	176989003
66J002	Laparoscopic fimbrioplasty SYNONYM • Laparoscopic reconstruction of fimbria of fallopian tube	439832009

12.2.11. Structural modification

Code	Term	SCTID
66L000	Endoscopic bilateral clipping of fallopian tubes	176979002
66L001	Endoscopic bilateral ringing of fallopian tubes SYNONYM • Ligation of fallopian tubes with Fallope ring by endoscopy	176980004
66L002	Endoscopic occlusion of right fallopian tube	176985009
66L003	Endoscopic occlusion of left fallopian tube	176986005
66L004	Endoscopic occlusion of fallopian tube	1010567007
66L005	Endoscopic occlusion of right fallopian tube using fallopian tube occlusion insert	1119334004
66L006	Endoscopic occlusion of left fallopian tube using fallopian tube occlusion insert	1119333005
66L007	Endoscopic occlusion of bilateral fallopian tubes SYNONYM • Endoscopic bilateral occlusion of fallopian tubes • Endoscopic bilateral female sterilization • Endoscopic occlusion of both fallopian tubes	20475008
66L008	Hysteroscopic sterilization by tubal cannulation and placement of intrafallopian implants SYNONYM • Endoscopic bilateral occlusion of fallopian tubes using intrafallopian implants	609321005
66L009	Culdoscopy with occlusion of bilateral fallopian tubes SYNONYM • Culdoscopy with bilateral tubal sterilization • Endoscopy of cul-de-sac with occlusion of bilateral fallopian tubes • Culdoscopy with occlusion of both fallopian tubes	1208411005
66L010	Transcervical sterilization	703698008

12.3. Procedures on cervix

12.3.1. Biopsy

Code	Term	SCTID
67A000	Colposcopic biopsy of cervix	176787007
67A001	Vaginoscopy with biopsy of cervix	38526002

12.3.2. Destruction

Code	Term	SCTID
67B000	Colposcopic laser destruction of lesion of cervix	176771009

12.3.3. Evaluation-inspection

Code	Term	SCTID
67C000	Uterine cervix endoscopy	120042008
67C001	Colposcopy of cervix	176786003

12.3.8. Removal

Code	Term	SCTID
67H000	Laparoscopic radical amputation of cervix uteri SYNONYM • Laparoscopic radical trachelectomy	1163275000
67H001	Colposcopic removal of foreign body SYNONYM • Colposcopy to remove object	266762003

12.4. Procedures on uterus and supporting structures

12.4.1. Biopsy

Code	Term	SCTID
69A000	Laparoscopic biopsy of uterine ligaments	63343006
69A001	Hysteroscopy and biopsy of lesion of uterus	176879001
69A002	Hysteroscopy and endometrial biopsy	307719001
69A003	Hysteroscopy with biopsy	47171000
69A004	Laparoscopic biopsy of uterus	55542002

12.4.2. Destruction

Code	Term	SCTID
69B000	Laparoscopic ablation of pelvic endometriosis	715806006
69B001	Hysteroscopic endometrial laser ablation SYNONYM • ELA - Endometrial laser ablation • HEAL - Hysteroscopic endometrial ablation by laser • HELA - Hysteroscopic endometrial laser ablation • Endometrial laser ablation	236898007
69B002	Endoscopic ablation of endometrium	445725004
69B003	Endoscopic balloon ablation of endometrium	427554001
69B004	Endoscopic microwave ablation of endometrium	426449003
69B005	Hysteroscopy with endometrial ablation	90742005
69B006	Endoscopic cauterization of lesion of uterus	176869003
69B007	Endoscopic cryotherapy to lesion of uterus	176870002
69B008	Endoscopic destruction of lesion of uterus	450515002
69B009	Hysteroscopic destruction of uterus and supporting structures	447215009
69B010	Laparoscopic morcellation of uterine fibroid SYNONYM • Laparoscopic morcellation of fibroid of uterus • Laparoscopic morcellation of leiomyoma of uterus	1287831003

12.4.3. Evaluation-inspection

Code	Term	SCTID
69C000	Fertiloscopy	426036002
69C001	Hysteroscopy SYNONYM • Endoscopy of uterus	233545006
69C002	Microcolpohysteroscopy	236943001
69C003	Microhysteroscopy	236942006
69C004	Gynecological endoscopic examination SYNONYM • Gynecological endoscopy	236937003

12.4.5. Fixation

Code	Term	SCTID
69E000	Laparoscopic hysterosacropexy	702603003

12.4.6. Introduction

Code	Term	SCTID
69F000	Hysteroscopy and cannulation of bilateral fallopian tubes	440231004

12.4.7. Opening

Code	Term	SCTID
69G000	Hysteroscopy with division of intrauterine septum	713172009

12.4.8. Removal

Code	Term	SCTID
69H000	Laparoscopy with removal of adnexal structures	49273004
69H001	Hysteroscopy with lysis of intrauterine adhesions	44058009
69H002	Hysteroscopy with resection of intrauterine septum SYNONYM - Hysteroscopy with resection of congenital intrauterine septum - Hysteroscopic excision of septum of uterus	54130005
69H003	Endoscopic endometrial polypectomy SYNONYM Transcervical resection of endometrial polyp	274974008
69H004	Endoscopic excision of lesion of uterus SYNONYM Endoscopic resection of lesion of uterus	265065000
69H005	Endoscopic myomectomy SYNONYM - Endoscopic excision of uterine fibroid - Endoscopic excision of uterine leiomyoma	236901008
69H006	Hysteroscopic bipolar electrosurgical excision of uterine fibroid SYNONYM - Hysteroscopic bipolar electrosurgical myomectomy - Hysteroscopic bipolar electrosurgical excision of uterine leiomyoma	722022003

Code	Term	SCTID
69H007	Hysteroscopic endometrial resection SYNONYM • Hysteroscopic excision of endometrium	115741000146 104
69H008	Hysteroscopic myomectomy SYNONYM • Hysteroscopic excision of leiomyoma of uterus	446804002
69H009	Hysteroscopic excision of polyp of uterus SYNONYM • Uterine polypectomy via hysteroscopy	445766004
69H010	Hysteroscopic excision of uterus and supporting structures	447237002
69H011	Hysteroscopic morcellation of uterine fibroid SYNONYM • Hysteroscopic morcellation of uterine leiomyoma • Hysteroscopic morcellation of uterine myoma	1290534001
69H012	Hysteroscopy with removal of submucous leiomyomata SYNONYM • Hysteroscopy with removal of uterine myoma • Hysteroscopy with removal of uterine fibroid	84064003
69H013	Laparoscopic adenomyomectomy	767751001
69H014	Laparoscopic myomectomy SYNONYM • Laparoscopic excision of uterine fibroid • Laparoscopic excision of leiomyoma of uterus	450559006
69H015	Laparoscopic excision of pelvic endometriosis	713174005
69H016	Laparoscopic resection of uterine cornua	713157005
69H017	Classic intrafascial supracervical hysterectomy SYNONYM • Classic SEMM laparoscopic hysterectomy • CISH - classic intrafascial supracervical hysterectomy • Classic intrafascial subtotal hysterectomy • Classic intrafascial partial hysterectomy	784191009
69H018	Laparoscopic subtotal hysterectomy SYNONYM • Laparoscopic supracervical hysterectomy • LASH - laparoscopic supracervical hysterectomy	431316002

Code	Term	SCTID
69H019	Laparoscopic hysterectomy	236887006
69H020	Laparoscopic total hysterectomy	236888001
69H021	Robot assisted laparoscopic total hysterectomy SYNONYM • Laparoscopic total hysterectomy using robotic assistance	708877008
69H022	Total laparoscopic excision of uterus by abdominal approach	446679008
69H023	Laparoscopic total abdominal hysterectomy and bilateral salpingo-oophorectomy	414575003
69H024	Laparoscopic vaginal hysterectomy	1303414001
69H025	Robot assisted laparoscopic vaginal hysterectomy SYNONYM • Laparoscopic vaginal hysterectomy using robotic assistance	708985003
69H026	Laparoscopic-assisted vaginal hysterectomy SYNONYM • LAVH (Laparoscopy assisted vaginal hysterectomy)	75835007
69H027	Laparoscopic-assisted vaginal hysterectomy with bilateral salpingo-oophorectomy	441820006
69H028	Laparoscopic assisted vaginal hysterectomy with repair of cystocele and rectocele	608807008
69H029	Laparoscopic assisted vaginal hysterectomy with repair of cystocele	608805000
69H030	Laparoscopic assisted vaginal hysterectomy with repair of rectocele	608806004
69H031	Endoscopic vaginal natural orifice transluminal hysterectomy SYNONYM • Hysterectomy using vaginal natural orifice transluminal endoscopy	1304071003
69H032	Laparoscopic radical hysterectomy	236891001
69H033	Robot assisted laparoscopic radical hysterectomy SYNONYM • Laparoscopic radical hysterectomy using robotic assistance	708878003
69H034	Hysteroscopy and removal of impacted foreign body	439966004

12.4.9. Repair

Code	Term	SCTID
69J000	Laparoscopic suspension of uterus SYNONYM • Laparoscopic ventrosuspension	177063005
69J001	Endoscopic uteroplasty SYNONYM • Endoscopic metroplasty • Endoscopic hysteroplasty	425723001

12.5. Procedures on vagina and rectouterine pouch

12.5.1. Biopsy

Code	Term	SCTID
70A000	Culdoscopy with biopsy SYNONYM • Endoscopy of cul-de-sac with biopsy	1204380007
70A001	Vaginoscopy with biopsy of vagina	38625007

12.5.3. Evaluation-inspection

Code	Term	SCTID
70C000	Colposcopy	392003006
70C001	Endoscopy of vagina SYNONYM • Vaginoscopy • Endoscopic exploration of vagina	392002001

12.5.5. Fixation

Code	Term	SCTID
70E000	Laparoscopic pectopexy using mesh	782835002
70E001	Laparoscopic pectopexy using synthetic mesh	782968005
70E002	Laparoscopic pectopexy with fixation of cervical stump using mesh	782717002
70E003	Laparoscopic pectopexy with fixation of cervical stump using surgical mesh	782969002
70E004	Laparoscopic pectopexy with fixation of fornix of vagina using mesh	782714009
70E005	Laparoscopic pectopexy with fixation of fornix of vagina using surgical mesh	782970001

Code	Term	SCTID
70E006	Laparoscopic sacrocolpopexy	450824002
70E007	Robot assisted laparoscopic sacrocolpopexy SYNONYM • Laparoscopic sacrocolpopexy using robotic assistance	708986002

12.5.8. Removal

Code	Term	SCTID
70H000	Culdoscopy with lysis of adhesions	69498006
70H001	Evacuation of pelvic blood clot by culdoscopy	59619005
70H002	Culdoscopy with biopsy and lysis of adhesions SYNONYM • Endoscopy of cul-de-sac with biopsy and lysis of adhesions	1204379009
70H003	Colposcopic removal of foreign body from vagina	176740000
70H004	Culdoscopy with removal of foreign body	82833003
70H005	Vaginoscopic removal of foreign body SYNONYM • Vaginoscopy to remove foreign body	1381266000

12.5.9. Repair

Code	Term	SCTID
70J000	Laparoscopic repair of paravaginal defect	440238005
70J001	Endoscopic vaginal natural orifice transluminal repair of vaginal wall prolapse SYNONYM • Endoscopic vaginal natural orifice transluminal repair of vaginal enterocele	1382038000

12.6. Procedures on vulva and perineum

12.6.3. Evaluation-inspection

Code	Term	SCTID
71C000	Endoscopy of perineum	25645009
71C001	Colposcopy of vulva SYNONYM • Vulvoscopy	236839001
71C002	Endoscopic procedure on vulva	58114008

กลุ่มที่ 13: Obstetrical procedures

13.1. Obstetrical procedures

13.1.2. Destruction

Code	Term	SCTID
75B000	Endoscopic laser ablation of placental arterio-venous anastomosis	425452004
75B001	Fetoscopic laser photocoagulation of placental vessel for twin to twin transfusion syndrome	709117007

13.1.3. Evaluation-inspection

Code	Term	SCTID
75C000	Amnioscopy	66456009
75C001	Diagnostic percutaneous examination of placenta	303606009

13.1.6. Introduction

Code	Term	SCTID
75F000	Fetoscopic blood transfusion of fetus	177086003

13.1.8. Removal

Code	Term	SCTID
75H000	Laparoscopic excision of ruptured ectopic tubal pregnancy	450562009
75H001	Laparoscopic treatment of ectopic pregnancy with salpingectomy	63596003
75H002	Hysteroscopic evacuation of retained product of conception SYNONYM • Evacuation of retained product of conception by hysteroscopy • ERPC (evacuation retained product conception) by hysteroscope	1359709000
75H003	Laparoscopic removal of extrauterine ectopic pregnancy	610821000146106
75H004	Laparoscopic excision of ectopic ovarian pregnancy	450563004
75H005	Laparoscopic treatment of ectopic pregnancy with oophorectomy	61893009

Code	Term	SCTID
75H006	Endoscopic serial drainage of amniotic fluid SYNONYM • Endoscopic serial amniocentesis	425939004
75H007	Endoscopic serial drainage of amniotic fluid for twin-twin transfusion syndrome	426737000

13.1.11. Structural modification

Code	Term	SCTID
75L000	Fetal endoscopic tracheal occlusion for congenital diaphragmatic hernia SYNONYM • Fetendo-PLUG • Fetoscopic tracheal occlusion for congenital diaphragmatic hernia	426503005

กลุ่มที่ 14: Procedures on the musculoskeletal system

14.1. Procedures on facial bones and joints

14.1.1. Biopsy

Code	Term	SCTID
76A000	Arthroscopic biopsy of temporomandibular joint	1389294006

14.2. Procedures on bones, except facial bones

การจำแนกย่อย Code ด้วยหลักที่ 4 ต่อไปนี้ ใช้ร่วมกับกลุ่มอวัยวะที่เหมาะสมในกลุ่ม 14.2 เพื่อระบุตำแหน่ง:

- 0 Unspecified site
- 1 Scapula, clavicle, and thorax [ribs and sternum]
- 2 Humerus
- 3 Radius and ulna
- 4 Carpals and metacarpals
- 5 Femur
- 6 Patella
- 7 Tibia and fibula
- 8 Tarsals and metatarsals
- 9 Other
 - Pelvic bones
 - Phalanges (of foot) (of hand)
 - Vertebrae

14.2.8. Removal

Tarsals and metatarsals

Code	Term	SCTID
78H800	Endoscopic calcaneoplasty for Haglund deformity	713502002

14.2.10. Replacement

Unspecified site

Code	Term	SCTID
78K000	Endoscopic osteochondral autograft	425721004

14.3. Reduction of fracture and dislocation

การจำแนกย่อย Code ด้วยหลักที่ 4 ต่อไปนี้ ใช้ร่วมกับกลุ่มอวัยวะที่เหมาะสมในกลุ่ม 14.3 เพื่อระบุตำแหน่ง:

- 0 Unspecified site
- 1 Humerus
- 2 Radius and ulna
Arm NOS
- 3 Carpals and metacarpals
Hand NOS
- 4 Phalanges of hand
- 5 Femur
- 6 Tibia and fibula
Leg NOS
- 7 Tarsals and metatarsals
Foot NOS
- 8 Phalanges of foot
- 9 Other specified bone

14.3.11. Structural modification

Unspecified site

Code	Term	SCTID
79L000	Arthroscopic reduction of fracture	311447002
79L001	Primary arthroscopic reduction of fracture	179187001
79L002	Primary arthroscopic reduction and fixation of fracture	179188006
79L003	Revision to arthroscopic reduction and fixation of fracture	179190007

Tibia and fibula

- Legs

Code	Term	SCTID
79L600	Arthroscopic reduction of bicondylar fracture of proximal tibia with internal fixation	440650005
79L601	Arthroscopic reduction of fracture of tibial plateau with internal fixation	439250005

14.4. Procedures on joint structures, except facial bones

การจำแนกย่อย Code ด้วยหลักที่ 4 ต่อไปนี้ ใช้ร่วมกับกลุ่มอวัยวะที่เหมาะสมในกลุ่ม 14.4 เพื่อระบุตำแหน่ง:

- 0 Unspecified site
 - 1 Shoulder
 - 2 Elbow
 - 3 Wrist
 - 4 Hand and finger
 - 5 Hip
 - 6 Knee
 - 7 Ankle
 - 8 Foot and toe
 - 9 Other specified sites
- Spine

14.4.1. Biopsy

Unspecified site

Code	Term	SCTID
81A000	Arthroscopic synovial biopsy	301761003

Shoulder

Code	Term	SCTID
81A100	Arthroscopic synovial biopsy of shoulder joint	281815009

Elbow

Code	Term	SCTID
81A200	Arthroscopy of elbow with synovial biopsy	1204293000

Wrist

Code	Term	SCTID
81A300	Arthroscopy of wrist joint with synovial biopsy	1204294006

Knee

Code	Term	SCTID
81A600	Arthroscopic synovial biopsy of knee joint	373678003
81A601	Arthroscopy and biopsy of knee	179399002

14.4.3. Evaluation-inspection

Unspecified site

Code	Term	SCTID
81C000	Arthroscopy	13714004

Shoulder

Code	Term	SCTID
81C100	Arthroscopy of shoulder SYNONYM • Arthroscopic shoulder procedure	281812007

Elbow

Code	Term	SCTID
81C200	Arthroscopy of elbow	254502002

Wrist

Code	Term	SCTID
81C300	Arthroscopy of wrist	258754001

Hand and finger

Code	Term	SCTID
81C400	Arthroscopy of finger	30450003
81C401	Arthroscopy of hand	79504004

Hip

Code	Term	SCTID
81C500	Arthroscopy of hip	69650005

Knee

Code	Term	SCTID
81C600	Arthroscopy of right knee joint SYNONYM • Right knee arthroscopy	1303595003
81C601	Arthroscopy of left knee joint SYNONYM • Left knee arthroscopy	1303596002

Code	Term	SCTID
81C602	Arthroscopy of knee SYNONYM • Arthroscopy of knee joint • Arthroscopic procedure of knee joint	309431009

Ankle

Code	Term	SCTID
81C700	Arthroscopy of ankle	66339000

Foot and toe

Code	Term	SCTID
81C800	Arthroscopy of foot	30082005
81C801	Arthroscopy of subtalar joint	708851000
81C802	Arthroscopy of toe	88624005

14.4.5. Fixation

Unspecified site

Code	Term	SCTID
81E000	Endoscopic fixation of lesion of articular cartilage	179861004

Shoulder

Code	Term	SCTID
81E100	Arthroscopy of shoulder with biceps tenodesis	439861005

Wrist

Code	Term	SCTID
81E300	Arthroscopy of wrist with internal fixation for fracture	112752007
81E301	Arthroscopy of wrist with internal fixation for instability	2244006

Knee

Code	Term	SCTID
81E600	Arthroscopy and drilling of knee with internal fixation	439737005

14.4.7. Opening

Unspecified site

Code	Term	SCTID
81G000	Endoscopic drilling of lesion of articular cartilage	179860003

Elbow

Code	Term	SCTID
81G200	Arthroscopic drilling of osteochondral lesion of elbow	711528006

Knee

Code	Term	SCTID
81G600	Arthroscopic drilling of osteochondral lesion of knee	711530008
81G601	Arthroscopic operation on semilunar cartilage SYNONYM • Arthroscopy on cartilage of knee	1208466006
81G602	Arthroscopy and drilling of knee	438632004
81G603	Arthroscopic division of synovial plica SYNONYM • Endoscopic division of synovial plica	179869002

Ankle

Code	Term	SCTID
81G700	Arthroscopic drilling of osteochondral lesion of ankle	711529003

Other specified sites

- Spine

Code	Term	SCTID
81G900	Unilateral biportal endoscopic operation on spine SYNONYM • UBESS - unilateral biportal endoscopic spinal surgery • Unilateral biportal endoscopic spinal surgery	1287097003

14.4.8. Removal

Unspecified site

Code	Term	SCTID
81H000	Arthroscopic removal of foreign body from joint	301038009

Code	Term	SCTID
81H001	Arthroscopic removal of loose body from joint	301037004
81H002	Endoscopic decompression of joint	426589007
81H003	Endoscopic shaving of articular cartilage SYNONYM • Arthroscopic shaving of articular cartilage	179863001

Shoulder

Code	Term	SCTID
81H100	Arthroscopy of shoulder with excision of distal clavicle	440123004
81H101	Arthroscopic shoulder decompression	430263007
81H102	Arthroscopy of shoulder with removal of foreign body	112738005
81H103	Arthroscopy of shoulder with removal of loose body	1193579000
81H104	Arthroscopic capsular release of shoulder joint	412723006
81H105	Arthroscopy of shoulder with lysis and resection of adhesions with manipulation	56442009
81H106	Arthroscopy of shoulder with complete synovectomy	77341008
81H107	Arthroscopy of shoulder with partial synovectomy	257847001
81H108	Arthroscopy of shoulder with extensive debridement	18856005
81H109	Arthroscopy of shoulder with limited debridement	29563005

Elbow

Code	Term	SCTID
81H200	Arthroscopy of elbow with removal of foreign body	91675004
81H201	Arthroscopy of elbow with removal of loose body	1193577003
81H202	Arthroscopic release of capsule of elbow joint	449247005
81H203	Arthroscopy of elbow with complete synovectomy	59053005
81H204	Arthroscopy of elbow with partial synovectomy	2891006
81H205	Arthroscopy of elbow with extensive debridement	4036002
81H206	Arthroscopy of elbow with limited debridement	112739002

Wrist

Code	Term	SCTID
81H300	Arthroscopic removal of loose body from wrist joint	448462002
81H301	Arthroscopy of wrist with lavage and drainage	440373009
81H302	Arthroscopy of wrist with release of transverse carpal ligament	440354005
81H303	Arthroscopy of wrist with complete synovectomy	40303009
81H304	Arthroscopy of wrist with partial synovectomy	1757000
81H305	Arthroscopy of wrist with excision of triangular fibrocartilage	29993007
81H306	Arthroscopy of wrist with joint debridement	28612008

Hand and finger

Code	Term	SCTID
81H400	Arthroscopic removal of loose body from finger joint	449517007
81H401	Arthroscopic removal of loose body from hand joint	448605007

Hip

Code	Term	SCTID
81H500	Arthroscopy of hip with removal of foreign body	440533002
81H501	Arthroscopy of hip with removal of loose body	440504003
81H502	Arthroscopic release of capsule of hip joint	449362005
81H503	Arthroscopy of hip with synovectomy	439951002
81H504	Arthroscopic debridement of acetabular labrum	1260161001
81H505	Arthroscopic debridement of hip joint	281000032107

Knee

Code	Term	SCTID
81H600	Arthroscopic removal foreign body from knee joint	179393001
81H601	Arthroscopic removal of loose body from knee joint	179391004
81H602	Arthroscopic lateral patellar release	281814008
81H603	Arthroscopic release of capsule of knee joint	449246001
81H604	Arthroscopy of knee with lysis of adhesions with manipulation	19540004

Code	Term	SCTID
81H605	Arthroscopic meniscectomy SYNONYM • Endoscopic meniscectomy operations	302490008
81H606	Arthroscopic partial lateral meniscectomy	179383008
81H607	Arthroscopic partial medial meniscectomy	179381005
81H608	Endoscopic partial meniscectomy of knee SYNONYM • Arthroscopic partial meniscectomy of knee	303864007
81H609	Arthroscopic total lateral meniscectomy	179384002
81H610	Arthroscopic total medial meniscectomy	179382003
81H611	Arthroscopy of knee with lateral meniscectomy SYNONYM • Arthroscopic lateral meniscectomy	38964008
81H612	Arthroscopy of knee with medial and lateral meniscectomy SYNONYM • Endoscopic total meniscectomy of knee	8874001
81H613	Arthroscopy of knee with medial meniscectomy SYNONYM • Arthroscopic medial meniscectomy	86255002
81H614	Arthroscopic synovectomy knee joint	179394007
81H615	Endoscopic excision of synovial plica	427334001
81H616	Arthroscopic debridement of knee joint	309438003
81H617	Arthroscopic debridement of patella	309703004
81H618	Arthroscopic debridement of ulcer of articular cartilage of knee joint SYNONYM • Arthroscopic debridement of articular ulcerations of knee	307522001
81H619	Arthroscopic excision of infrapatellar fat pad	442458004

Ankle

Code	Term	SCTID
81H700	Arthroscopy of ankle with removal of foreign body	14513002
81H701	Arthroscopy of ankle with removal of loose body	1193576007

Code	Term	SCTID
81H702	Arthroscopic release of capsule of ankle joint SYNONYM • Arthroscopic capsular release of ankle joint	1179199002
81H703	Arthroscopic debridement of ankle SYNONYM • Arthroscopy of ankle with debridement	331000032102

Foot and toe

Code	Term	SCTID
81H800	Arthroscopic removal of loose body from joint of foot SYNONYM • Arthroscopic removal of loose body from foot joint	708882001
81H801	Arthroscopic removal of loose body from toe joint	448860002

Other specified sites

- Spine

Code	Term	SCTID
81H900	Percutaneous endoscopic excision of lumbar intervertebral disc SYNONYM • PELD - percutaneous endoscopic lumbar discectomy • Percutaneous endoscopic lumbar discectomy	1279659000
81H901	Percutaneous endoscopic excision of lumbar intervertebral disc using laser	700212000
81H902	Percutaneous endoscopic interlaminar lumbar discectomy SYNONYM • Percutaneous endoscopic interlaminar excision of lumbar intervertebral disc	725933005
81H903	Percutaneous endoscopic transforaminal lumbar discectomy SYNONYM • Percutaneous endoscopic transforaminal excision of lumbar intervertebral disc	725595006

Code	Term	SCTID
81H904	Primary percutaneous endoscopic excision of thoracic intervertebral disc	429727009
81H905	Revision of percutaneous endoscopic excision of thoracic intervertebral disc	705042005

14.4.9. Repair

Unspecified site

Code	Term	SCTID
81J000	Arthroscopic reattachment of ligament	1363599003
81J001	Arthroscopic repair of ligament	1363598006
81J002	Endoscopic reattachment of intra-articular ligament	179868005
81J003	Endoscopic repair of intra-articular ligament	179867000
81J004	Revision arthroscopic ligament repair	179880002
81J005	Revision arthroscopic reattachment of ligament	179881003

Shoulder

Code	Term	SCTID
81J100	Arthroscopic repair of triangular fibrocartilage complex of wrist	1381459004
81J101	Arthroscopic acromioplasty	179893007
81J102	Arthroscopic chondroplasty of shoulder joint	281816005
81J103	Arthroscopic reattachment glenoid labrum SYNONYM • Arthroscopic repair of Bankart lesion • Arthroscopic Bankart repair	179892002
81J104	Arthroscopic repair of superior labrum anterior to posterior tear	442434003
81J105	Arthroscopic repair of rotator cuff	699120002

Wrist

Code	Term	SCTID
81J300	Arthroscopic reconstruction of scapholunate ligament	93041000112105

Hip

Code	Term	SCTID
81J500	Arthroscopic reconstruction of acetabular labrum	1260155004
81J501	Arthroscopic repair of acetabular labrum	1260160000

Knee

Code	Term	SCTID
81J600	Arthroscopically aided anterior cruciate ligament reconstruction	37422000
81J601	Arthroscopically aided anterior cruciate ligament repair	55244002
81J602	Arthroscopically aided posterior cruciate ligament reconstruction	6898002
81J603	Arthroscopically aided posterior cruciate ligament repair	18864004
81J604	Arthroscopic chondroplasty of knee joint	281813002
81J605	Arthroscopy of knee with lateral meniscus repair SYNONYM • Arthroscopic repair lateral meniscus	1209007
81J606	Arthroscopy of knee with medial and lateral meniscus repair	87147008
81J607	Arthroscopy of knee with medial meniscus repair SYNONYM • Arthroscopic repair medial meniscus	49166000
81J608	Arthroscopy of knee with meniscus repair SYNONYM • Arthroscopic repair of meniscus	84877006

Ankle

Code	Term	SCTID
81J700	Arthroscopic reconstruction of ankle joint	1381278001

14.4.10. Replacement

Unspecified site

Code	Term	SCTID
81K000	Arthroscopic augmentation of ligament using allograft	1351599008
81K001	Arthroscopic augmentation of ligament using autograft	1351598000

Code	Term	SCTID
81K002	Arthroscopic matrix-induced autologous chondrocyte implantation of joint	441470002
81K003	Primary arthroscopic allograft ligament replacement	179874005
81K004	Primary arthroscopic autograft ligament replacement	179873004
81K005	Primary arthroscopic xenograft ligament replacement	179875006
81K006	Revision arthroscopic allograft ligament augmentation SYNONYM • Revision arthroscopic augmentation of ligament using allograft	179888009
81K007	Revision arthroscopic autograft ligament augmentation SYNONYM • Revision arthroscopic augmentation of ligament using autograft	179887004

Knee

Code	Term	SCTID
81K600	Arthroscopy of knee with osteochondral allograft SYNONYM • Arthroscopy of knee with osteochondral allograft transplantation • Arthroscopy of knee with grafting of osteochondral allograft	438625008
81K601	Endoscopic autologous chondrocyte implantation of knee joint	427447005

14.4.11. Structural modification

Shoulder

Code	Term	SCTID
81L100	Arthroscopic capsular shift for stabilization of shoulder joint SYNONYM • Arthroscopic capsular shift of shoulder joint	1389136000

Knee

Code	Term	SCTID
81L600	Arthroscopically aided anterior cruciate ligament augmentation	54419004
81L601	Arthroscopically aided posterior cruciate ligament augmentation	84862003

14.4.12. Other

Unspecified site

Code	Term	SCTID
81X000	Arthroscopic harvest of autologous chondrocytes	441587002

14.5. Procedures on muscle, tendon, fascia, and bursa

14.5.8. Removal

Code	Term	SCTID
83H000	Endoscopic gastrocnemius release SYNONYM • Endoscopic release of gastrocnemius tendon • EGR - endoscopic gastrocnemius release	1220558008

14.5.11. Structural modification

Code	Term	SCTID
83L000	Endoscopic gastrocnemius muscle recession	1156151000

กลุ่มที่ 15: Procedures on the integumentary system

15.1. Procedures on the breast

15.1.1. Biopsy

Code	Term	SCTID
85A000	Endoscopy and biopsy of mammary duct using microendoscope SYNONYM • Mammary ductoscopy and biopsy	1255230004

15.1.3. Evaluation-inspection

Code	Term	SCTID
85C000	Endoscopy of breast	59392008
85C001	Mammary ductoscopy SYNONYM • Endoscopy of mammary duct using microendoscope	1187116009

15.1.8. Removal

Code	Term	SCTID
85H000	Endoscopic wide local excision of breast lesion	839191000000 106
85H001	Robotic assisted simple mastectomy of right breast SYNONYM • Simple mastectomy of right breast using robotic assistance	836435007
85H002	Robotic assisted simple mastectomy of left breast SYNONYM • Simple mastectomy of left breast using robotic assistance	836437004
85H003	Robotic assisted bilateral simple mastectomy SYNONYM • Simple mastectomy of bilateral breasts using robotic assistance	836436008

15.1.9. Repair

Code	Term	SCTID
85J000	Endoscopic reconstruction of breast with expander	313018005



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