Supplementary Online Content


eAppendix. *ICD-9* and Current Procedural Terminology Codes

This supplementary material has been provided by the authors to give readers additional information about their work.
eAppendix. *ICD-9* and Current Procedural Terminology Codes

**Appendectomy**

CPT code
- 44950 – open appendectomy
- 44955 – incidental appendectomy
- 44960 – for perforated appendicitis
- 44970 – laparoscopic appendectomy
- 44870 – appendectomy for ruptured appendix

*ICD-9* code
- 47.0 appendectomy
- 47.01 laparoscopic appendectomy
- 47.09 other appendectomy
- 47.1 incidental appendectomy
- 47.11 laparoscopic incidental appendectomy
- 47.19 other incidental appendectomy

**Cholecystectomy**

CPT code
- 47562 laparoscopic cholecystectomy
- 47563 laparoscopic cholecystectomy with cholangiography
- 47564 cholecystectomy with exploration of common duct
- 47579 unlisted laparoscopic procedure, biliary tract
- 47600 open cholecystectomy
- 47605 open cholecystectomy with cholangiography
- 47610 open cholecystectomy with common bile duct exploration

*ICD-9* code
- 51.21 other partial cholecystectomy
- 51.22 open cholecystectomy
- 51.23 laparoscopic cholecystectomy
- 51.24 laparoscopic partial cholecystectomy

**Hysterectomy**

CPT code
- 58150 total abdominal hysterectomy
- 58180 supracervical abdominal hysterectomy
- 58275 vaginal hysterectomy
- 58290 vaginal hysterectomy for uterus > 250 g
- 58291 with removal of tubes and ovaries
- 58292 with removal tubes and ovaries, with repair of enterocele
- 58293 with pexy
- 58294 with repair of enterocele
- 58541 laparoscopy, supracervical hystectomy uterus < 250 g
- 58542 with removal of tubes and or ovaries
58543 laparoscopy, supracervical hysterectomy uterus > 250g
58544 with removal of tubes and or ovaries
58545 laparoscopy, surgical, myomectomy 1-4 myomas
58546  5+ myomas
58550 laparoscopy, vaginal hysterectomy uterus < 250g
58552 with removal of tubes and ovaries
58553 laparoscopy, vaginal hysterectomy uterus > 250g
58554 with removal of tubes and ovaries
58570  laparoscopy, total hysterectomy uterus < 250g
58571 with removal of tubes and ovaries
58572 laparoscopy, vaginal hysterectomy uterus > 250g
58573 with removal of tubes and ovaries
58578 unlisted laparoscopic procedure, uterus

ICD-9 code
68.4 total abdominal hytectomy
68.5 vaginal hysterectomy
68.51 laparoscopic assisted vaginal hystectomy

Inguinal hernia repair
CPT code
49495 - Repair initial inguinal hernia, under age 6 months, with or without hydrocelectomy; reducible
49496 - incarcerated or strangulated
49500 -Repair initial inguinal hernia, age 6 months to under 5 years, with or without hydrocelectomy; reducible
49501 - incarcerated or strangulated
49505 - Repair initial inguinal hernia, age 5 years or over; reducible
49507 - incarcerated or strangulated
49520 - Repair recurrent inguinal hernia, any age; reducible
49521 - incarcerated or strangulated
49525 - Repair inguinal hernia; sliding, any age
49650 - Laparoscopy, surgical; repair initial inguinal hernia
49651 - Laparoscopy, surgical; repair recurrent inguinal hernia

ICD-9 code
17.11 - Laparoscopic repair of direct inguinal hernia with graft or prosthesis
17.12 - Laparoscopic repair of indirect inguinal hernia with graft or prosthesis
17.13 - Laparoscopic repair of inguinal hernia with graft or prosthesis, not otherwise specified
17.21 - Laparoscopic bilateral repair of direct inguinal hernia with graft or prosthesis
17.22 - Laparoscopic bilateral repair of indirect inguinal hernia with graft or prosthesis
17.23 - Laparoscopic bilateral repair of inguinal hernia, one direct and one indirect, with graft or prosthesis
17.24 - Laparoscopic bilateral repair of inguinal hernia with graft or prosthesis, not otherwise specified
53.00 - Unilateral repair of inguinal hernia, not otherwise specified
53.01 - Other and open repair of direct inguinal hernia
53.02 - Other and open repair of indirect inguinal hernia
53.03 - Other and open repair of direct inguinal hernia with graft or prosthesis
53.04 - Other and open repair of indirect inguinal hernia with graft or prosthesis
53.05 - Unilateral repair of inguinal hernia with graft or prosthesis, not otherwise specified
53.10 - Bilateral repair of inguinal hernia, not otherwise specified
53.11 - Other and open bilateral repair of direct inguinal hernia
53.12 - Other and open bilateral repair of indirect inguinal hernia
53.13 - Other and open bilateral repair of inguinal hernia, one direct and one indirect
53.14 - Other and open bilateral repair of direct inguinal hernia with graft or prosthesis
53.15 - Other and open bilateral repair of indirect inguinal hernia with graft or prosthesis
53.16 - Other and open bilateral repair of inguinal hernia, one direct and one indirect, with graft or prosthesis
53.17 - Bilateral repair of inguinal hernia, one direct and one indirect, not otherwise specified

**Rotator cuff repair**

CPT code
23410 – Repair of ruptured musculotendinous cuff (eg, rotator cuff) open; acute
23412 - Repair of ruptured musculotendinous cuff (eg, rotator cuff) open; chronic
23420 - Reconstruction of complete shoulder (rotator) cuff avulsion, chronic (includes acromioplasty)
29287 - Arthroscopy, shoulder, surgical; with rotator cuff repair

**ICD-9 code**
81.82 – repair of recurrent dislocation of shoulder
83.63 - rotator cuff repair

**Mastectomy**

CPT Code
19303 – Mastectomy, simple, complete
19304 – Mastectomy, subcutaneous
19307 – Mastectomy, modified radical

**ICD-9 code**
85 Operations on the breast
85.41 Unilateral simple mastectomy
85.42 Bilateral simple mastectomy
85.43 Unilateral extended simple mastectomy
85.44 Bilateral extended simple mastectomy

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Rotator Cuff Repair
CPT Code
23410 - Repair of ruptured musculotendinous cuff (eg, rotator cuff) open; acute
23412 - Repair of ruptured musculotendinous cuff (eg, rotator cuff) open; chronic
23420 - Reconstruction of complete shoulder (rotator) cuff avulsion, chronic (includes acromioplasty)
29827 - Arthroscopy, shoulder, surgical; with rotator cuff repair

ICD-9 code
81.82 - Repair of recurrent dislocation of shoulder
83.63 - Rotator cuff repair

Discectomy
ICD-9 code
80.50 - Discectomy
80.51 - Insertion of interbody spinal fusion device
80.59 - Other destruction of intervertebral disc

ACL Repair
CPT Code
29888 – Arthroscopically aided anterior cruciate ligament repair/augmentation or reconstruction

ICD-9 code
81.45 - Cruciate ligament repair
81.47 - Other repair knee