

## **OP-13: CARDIAC IMAGING FOR PREOPERATIVE RISK ASSESSMENT FOR NON-CARDIAC LOW-RISK SURGERY**

### **Description of Measure**

This measure calculates the percentage of Stress Echocardiography, Single Photon Emission Computed Tomography Myocardial Perfusion Imaging (SPECT MPI) or Stress Magnetic Resonance Imaging (MRI) studies performed at a hospital outpatient facility in the 30 days prior to an ambulatory low-risk, noncardiac surgery performed anywhere.

### **Numerator Statement**

Of patients in the denominator, number of Stress Echocardiography, SPECT MPI and Stress MRI studies performed at the hospital outpatient department within 30 days of an ambulatory low-risk non-cardiac surgery performed at any location (e.g., other hospital, physician office).

*Numerator Time Window: The 30 days preceding a low-risk, noncardiac surgery.*

### **Denominator Statement**

Number of Stress Echocardiography, SPECT MPI and Stress MRI studies performed at the hospital outpatient department

*Denominator Time Window: Any day within a one-year window of claims data, between January 1 and November 30*

### **Numerator Codes**

- SPECT MPI:  
CPT Codes: 78464, 78451 MPI, SPECT, Single, At Rest or Stress; 78465, 78452 MPI, SPECT, Multiple, At Rest and/or Stress
- Stress Echocardiography:  
CPT Codes: 93350, C8928 Echocardiography, trans-thoracic, real time with image documentation, during rest and cardiovascular stress test using treadmill, bicycle exercise and/or pharmacologically induced stress with interpretation and report; 93351, C8930 including performance of continuous electrocardiographic monitoring with physician supervision
- Stress MRI:  
CPT Codes: 75559 MRI with stress/imaging; 75560 MRI with flow/velocity/stress; 75563 MRI with stress imaging and dye; 75564 MRI with flow/velocity/stress and dye

SPECT MRI, Stress Echocardiography, and/or SPECT MRI must have one of the following procedures (CPT codes) for low-risk noncardiac surgery:

- Surgery/Integumentary System: Breast
  - 19100 Biopsy of breast
  - 19101 Biopsy of breast
  - 19102 Bx breast percut w/image
  - 19103 Bx breast percut w/device
- Surgery/Respiratory System: Accessory Sinuses
  - 31231 Nasal endoscopy, dx
  - 31233 Nasal/sinus endoscopy, dx
  - 31235 Nasal/sinus endoscopy, dx
  - 31237 Nasal/sinus endoscopy, surg
  - 31238 Nasal/sinus endoscopy, surg
  - 31239 Nasal/sinus endoscopy, surg
  - 31240 Nasal/sinus endoscopy, surg
  - 31267 Endoscopy, maxillary sinus
  - 31276 Sinus surgical endoscopy
  - 31299 Sinus surgery procedure
- Surgery/Respiratory System: Larynx
  - 31505 Diagnostic laryngoscopy
  - 31510 Laryngoscopy with biopsy
  - 31511 Remove foreign body, larynx
  - 31513 Injection into vocal cord
  - 31515 Laryngoscopy for aspiration
  - 31520 Diagnostic laryngoscopy
  - 31525 Diagnostic laryngoscopy
  - 31526 Diagnostic laryngoscopy
  - 31527 Laryngoscopy for treatment
  - 31528 Laryngoscopy and dilatation
  - 31529 Laryngoscopy and dilatation
  - 31530 Operative laryngoscopy
  - 31531 Operative laryngoscopy
  - 31535 Operative laryngoscopy
  - 31536 Operative laryngoscopy
  - 31540 Operative laryngoscopy
  - 31541 Operative laryngoscopy
  - 31560 Operative laryngoscopy
  - 31561 Operative laryngoscopy
  - 31570 Laryngoscopy with injection
  - 31571 Laryngoscopy with injection
  - 31575 Diagnostic laryngoscopy
  - 31576 Laryngoscopy with biopsy
  - 31577 Remove foreign body, larynx
  - 31578 Removal of larynx lesion
  - 31579 Diagnostic laryngoscopy

- Surgery/Respiratory System: Trachea and Bronchi

- 31615 Visualization of windpipe
- 31620 Endobronchial us add-on
- 31622 Diagnostic bronchoscopy
- 31623 Dx bronchoscope/brush
- 31624 Dx bronchoscope/lavage
- 31625 Bronchoscopy with biopsy
- 31628 Bronchoscopy with biopsy
- 31629 Bronchoscopy with biopsy
- 31632 Bronchoscopy/lung bx, add'l
- 31633 Bronchoscopy/needle bx add'l
- 31645 Bronchoscopy, clear airways
- 31646 Bronchoscopy, reclear airways

- Surgery/Respiratory System: Lungs and Pleura

- 33508 Endoscopic vein harvest
- 37500 Endoscopy ligate perf veins
- 37501 Vascular endoscopy procedure
- 39400 Visualization of chest

- Surgery/Digestive System: Esophagus

- 43200 Esophagus endoscopy
- 43201 Esophagus endoscopy, w/submucous injection
- 43202 Esophagus endoscopy, biopsy
- 43204 Esophagus endoscopy & inject
- 43205 Esophagus endoscopy/ligation
- 43215 Esophagus endoscopy
- 43216 Esophagus endoscopy/lesion
- 43217 Esophagus endoscopy
- 43219 Esophagus endoscopy
- 43220 Esophagus endoscopy, dilation
- 43226 Esophagus endoscopy, dilation
- 43227 Esophagus endoscopy, repair
- 43228 Esophagus endoscopy, ablation
- 43231 Esoph endoscopy w/us exam
- 43232 Esoph endoscopy w/us fn bx
- 43234 Upper GI endoscopy, exam
- 43235 Upper GI endoscopy, diagnosis
- 43236 Upper GI scope w/submuc inj
- 43237 Endoscopic us exam, esoph
- 43238 Upper GI endoscopy w/us fn bx
- 43239 Upper GI endoscopy, biopsy
- 43241 Upper GI endoscopy with tube
- 43242 Upper GI endoscopy w/us fn bx
- 43243 Upper GI endoscopy & inject.
- 43244 Upper GI endoscopy/ligation
- 43246 Place gastrostomy tube

43247 Operative upper GI endoscopy  
43248 Upper GI endoscopy/guidewire  
43249 Esophagus endoscopy, dilation  
43260 Endoscopy, bile duct/pancreas  
43261 Endoscopy, bile duct/pancreas  
43262 Endoscopy, bile duct/pancreas  
43263 Endoscopy, bile duct/pancreas  
43264 Endoscopy, bile duct/pancreas  
43265 Endoscopy, bile duct/pancreas  
43267 Endoscopy, bile duct/pancreas  
43268 Endoscopy, bile duct/pancreas  
43269 Endoscopy, bile duct/pancreas  
43271 Endoscopy, bile duct/pancreas  
43272 Endoscopy, bile duct/pancreas

- Surgery/Digestive System: Intestines (Except Rectum)

44360 Small bowel endoscopy  
44361 Small bowel endoscopy, biopsy  
44363 Small bowel endoscopy  
44383 Ileoscopy w/stent  
44385 Endoscopy of bowel pouch  
44386 Endoscopy, bowel pouch, biopsy  
44388 Colon endoscopy  
44389 Colonoscopy with biopsy  
44390 Colonoscopy for foreign body  
44391 Colonoscopy for bleeding  
44392 Colonoscopy & polypectomy  
44393 Colonoscopy, lesion removal  
44397 Colonoscopy w stent

- Surgery/Digestive System: Rectum

45300 Proctosigmoidoscopy  
45303 Proctosigmoidoscopy  
45305 Proctosigmoidoscopy; biopsy  
45307 Proctosigmoidoscopy  
45308 Proctosigmoidoscopy  
45309 Proctosigmoidoscopy  
45315 Proctosigmoidoscopy  
45317 Proctosigmoidoscopy  
45320 Proctosigmoidoscopy  
45321 Proctosigmoidoscopy  
45327 Proctosigmoidoscopy w/stent  
45330 Sigmoidoscopy, diagnostic  
45331 Sigmoidoscopy and biopsy  
45332 Sigmoidoscopy  
45333 Sigmoidoscopy & polypectomy  
45334 Sigmoidoscopy for bleeding

- 45335 Sigmoidoscope w/submuc inj
- 45337 Sigmoidoscopy, decompression
- 45338 Sigmoidoscopy
- 45339 Sigmoidoscopy
- 45340 Sig w/balloon dilation
- 45341 Sigmoidoscopy w/ultrasound
- 45342 Sigmoidoscopy w/us guide bx
- 45345 Sigmoidoscopy w/stent
- 45378 Diagnostic colonoscopy
- 45379 Colonoscopy
- 45380 Colonoscopy and biopsy
- 45381 Colonoscopy, submucous inj
- 45382 Colonoscopy, control bleeding
- 45383 Colonoscopy, lesion removal
- 45384 Colonoscopy
- 45385 Colonoscopy, lesion removal
- 45387 Colonoscopy w/stent
- 45391 Colonoscopy w/endscope us
- 45392 Colonoscopy w/endoscopic fnb
- Surgery/Digestive System: Anus
  - 46600 Diagnostic anoscopy
  - 46604 Anoscopy and dilation
  - 46606 Anoscopy and biopsy
  - 46608 Anoscopy; remove foreign body
  - 46610 Anoscopy; remove lesion
  - 46612 Anoscopy; remove lesions
  - 46614 Anoscopy; control bleeding
- Surgery/Digestive System: Biliary Tract
  - 47561 Laparo w/cholangio/biopsy
- Surgery/Digestive System: Abdomen, Peritoneum and Omentum
  - 49322 – Laparoscopy, aspiration
- Surgery/Urinary System: Kidney
  - 50551 Kidney endoscopy
  - 50553 Kidney endoscopy
  - 50555 Kidney endoscopy & biopsy
  - 50557 Kidney endoscopy & treatment
  - 50559 Renal endoscopy; radiotracer
  - 50561 Kidney endoscopy & treatment
- Surgery/Urinary System: Ureter
  - 50951 Endoscopy of ureter
  - 50953 Endoscopy of ureter
  - 50955 Ureter endoscopy & biopsy

- 50970 Ureter endoscopy
- 50972 Ureter endoscopy & catheter
- 50974 Ureter endoscopy & biopsy
- 50976 Ureter endoscopy & treatment
- 50978 Ureter endoscopy & tracer
- 50980 Ureter endoscopy & treatment
- Surgery/Urinary System: Bladder
  - 51715 Endoscopic injection/implant
  - 52000 Cystoscopy
  - 52001 Cystoscopy, removal of clots
  - 52005 Cystoscopy & ureter catheter
  - 52007 Cystoscopy and biopsy
  - 52010 Cystoscopy & duct catheter
  - 52204 Cystoscopy
  - 52282 Cystoscopy, implant stent
  - 52327 Cystoscopy, inject material
  - 52330 Cystoscopy and treatment
  - 52351 Cystouretero & or pyeloscope
  - 52352 Cystouretero w/stone remove
  - 52353 Cystouretero w/lithotripsy
  - 52354 Cystouretero w/biopsy
  - 52355 Cystouretero w/excise tumor
  - 52402 Cystourethro cut ejacul duct
- Surgery/Female Genital System: Cervix Uteri
  - 57452 Examination of vagina
  - 57454 Vagina examination & biopsy
  - 57455 Biopsy of cervix w/scope
  - 57456 Endocerv curettage w/scope
  - 57460 Cervix excision
  - 57461 Conz of cervix w/scope, leep
- Surgery/Female Genital System: Corpus Uteri
  - 58555 Hysteroscopy, dx, sep proc
  - 58558 Hysteroscopy, biopsy
  - 58559 Hysteroscopy, lysis
  - 58560 Hysteroscopy, resect septum
  - 58562 Hysteroscopy, remove fb
  - 58565 Hysteroscopy, sterilization
- Surgery/Female Genital System: Oviduct/Ovary
  - 58670 Laparoscopy, tubal cautery
  - 58671 Laparoscopy, tubal block
- Surgery/Eye and Ocular Adnexa: Anterior Segment
  - 66820 Incision, secondary cataract

66821 After cataract laser surgery  
66830 Removal of lens lesion  
66982 Cataract surgery, complex  
66983 Remove cataract, insert lens

- Other Surgeries:

14301 Skin Tissue Rearrangement  
21011 Exc Face Les Sc < 2 cm  
21012 Exc Face Les Sc = 2 cm  
21013 Exc Face Tum Deep < 2 cm  
21014 Exc Face Tum Deep = 2 cm  
21552 Exc Neck Les Sc = 3 cm  
21554 Exc Neck Tum Deep = 5 cm  
21558 Resect Neck Tum = 5 cm  
21931 Exc Back Les Sc = 3 cm  
21932 Exc Back Tum Deep < 5 cm  
21933 Exc Back Tum Deep = 5 cm  
22901 Exc Back Tum Deep = 5 cm  
22902 Exc Abdomen Les Sc < 3 cm  
22903 Exc Abdomen Les Sc > 3 cm  
23071 Exc Shoulder Les Sc > 3 cm  
23073 Exc Shoulder Tum Deep > 5 cm  
24071 Exc Arm/Elbow Les Sc = 3 cm  
24073 Exc Arm/Elbow Tum Deep > 5 cm  
25071 Exc Forearm Les Sc > 3 cm  
25073 Exc Forearm Tum Deep = 3 cm  
26111 Exc Hand Les Sc > 1.5 cm  
26113 Exc Hand Tum Deep > 1.5 cm  
27043 Exc Hip Pelvis Les Sc > 3 CM  
27045 Exc Hip/Pelvis Tum Deep > 5 CM  
27337 Exc Thigh/Knee Les Sc > 3 CM  
27339 Exc Thigh/Knee Tum Deep > 5 CM  
27632 Exc Leg/Ankle Les Sc > 3 cm  
27634 Exc Leg/Ankle Tum Deep > 5 cm  
28039 Exc Foot/Toe Tum Sc > 1.5 cm  
28041 Exc Foot/Toe Tum Deep > 1.5 cm  
29581 Apply Multilay Compr Lower Leg  
31626 Bronchoscopy w/ Markers  
32552 Remove Lung Catheter  
36147 Access AV Dial Grft for Eval  
36148 Access AV Dial Grft for Proc  
37761 Ligate Leg Veins Open  
51727 Cystometrogram w/UP  
51728 Cystometrogram w/VP  
51729 Cystometrogram w/VP&UP  
53855 Insert Prost Urethral Stent  
63661 Remove Spine El Trd Perq Aray

63662 Remove Spine El Trd Plate  
63663 Revise Spine El Trd Perq Aray  
63664 Revise Spine El Trd Plate Revised  
64490 Inj Paravert F Jnt C/T 1 LEV  
64493 INJ Paravert F JNT L/S 1 LEV  
0213T US Facet JT INJ CERV/T 1 LEV  
0216T US Facet JT INJ LS 1 LEVEL

## **Denominator Codes**

- **SPECT MPI:**  
CPT Codes: 78464, 78451 MPI, SPECT, Single, At Rest or Stress; 78465, 78452 MPI, SPECT, Multiple, At Rest and/or Stress
- **Stress Echocardiography:**  
CPT Codes: 93350, C8928 Echocardiography, trans-thoracic, real time with image documentation, during rest and cardiovascular stress test using treadmill, bicycle exercise and/or pharmacologically induced stress with interpretation and report; 93351, C8930 including performance of continuous electrocardiographic monitoring with physician supervision
- **Stress MRI:**  
CPT Codes 75559 MRI with stress/imaging; 75560 MRI with flow/velocity/stress; 75563 MRI with stress imaging and dye; 75564 MRI with flow/velocity/stress and dye

## **Denominator Exclusion Codes**

Indications for measure exclusion include any patients with diagnosis codes in at least three of the following categories:

- **Diabetes mellitus (look back of one year)**  
ICD-9 codes: 249 Secondary diabetes mellitus; 250 Diabetes mellitus; 648.0x Diabetes mellitus complicating pregnancy childbirth or the puerperium
- **Renal insufficiency (look back of one year)**  
ICD-9 codes: 403 Hypertensive chronic kidney disease; 404 Hypertensive heart and chronic kidney disease; 580 Acute glomerulonephritis; 582: Chronic glomerulonephritis; 583 Nephritis and nephropathy not specified as acute or chronic; 584 Acute kidney failure; 585: Chronic kidney failure; 586 Renal failure, unspecified; 593.9 Unspecified disorder of kidney and ureter
- **Stroke/Transient Ischemic Attack (look back of three years)**  
ICD-9 codes: 430 Subarachnoid hemorrhage, 431 Intracerebral hemorrhage; 432 Other and unspecified intracranial hemorrhage; 433 Occlusion and stenosis of precerebral arteries; 434 Occlusion of cerebral arteries; 435 Transient cerebral ischemia; 436 Acute, but ill-defined, cerebrovascular disease; 437 Other and ill-



defined cerebrovascular disease; 438 Late effects of cerebrovascular disease; 674.0x  
Cerebrovascular disorders in the puerperium; 997.02 Iatrogenic cerebrovascular

- Prior heart failure (look back of three years)

ICD-9 codes: 425 Cardiomyopathy; 428 Heart failure; 429 Ill-defined descriptions  
and complications of heart disease

- Ischemic heart disease (look back of three years)

ICD-9 codes: 410 Acute myocardial infarction; 411 Other acute and subacute forms  
of ischemic heart disease; 412 Old myocardial infarction; 413 Angina pectoris; 414  
Other forms of chronic ischemic heart disease

**Technical Note:** *If the diagnosis code is a three-digit ICD-9 code, then all codes starting with the three digits are used in the measure calculation, that is, “all inclusive.” If the diagnosis code is specified as a four-digit ICD-9 code, then only the specific four-digit diagnosis code is used. If the diagnosis code is a five-digit code, the code used is either the specific five-digit diagnosis code if all five numeric digits are shown, or if the fifth digit is designated with an “x” then this is designating an “all inclusive” range to the fifth digit.*

## OP-13: CARDIAC IMAGING FOR PREOPERATIVE RISK ASSESSMENT FOR NON-CARDIAC LOW-RISK SURGERY ICD-10 DRAFT SPECIFICATIONS

### Description of Measure

This measure calculates the percentage of Stress Echocardiography, Single Photon Emission Computed Tomography Myocardial Perfusion Imaging (SPECT MPI) or Stress Magnetic Resonance Imaging (MRI) studies performed at a hospital outpatient facility in the 30 days prior to an ambulatory low-risk, noncardiac surgery performed anywhere.

### Numerator Statement

Of patients in the denominator, number of Stress Echocardiography, SPECT MPI and Stress MRI studies performed at the hospital outpatient department within 30 days of an ambulatory low-risk non-cardiac surgery performed at any location (e.g., other hospital, physician office).

*Numerator Time Window: The 30 days preceding a low-risk, noncardiac surgery.*

### Denominator Statement

Number of Stress Echocardiography, SPECT MPI and Stress MRI studies performed at the hospital outpatient department

*Denominator Time Window: Any day within a one-year window of claims data, between January 1 and November 30*

### Numerator Codes

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SPECT MRI, Stress Echocardiography, and/or SPECT MRI must have one of the following procedures (CPT codes) for low-risk noncardiac surgery:

- Surgery/Integumentary System: Breast
  - 19100 Biopsy of breast
  - 19101 Biopsy of breast
  - 19102 Bx breast percut w/image
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- Surgery/Respiratory System: Accessory Sinuses
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  - 31233 Nasal/sinus endoscopy, dx
  - 31235 Nasal/sinus endoscopy, dx
  - 31237 Nasal/sinus endoscopy, surg
  - 31238 Nasal/sinus endoscopy, surg
  - 31239 Nasal/sinus endoscopy, surg
  - 31240 Nasal/sinus endoscopy, surg
  - 31267 Endoscopy, maxillary sinus
  - 31276 Sinus surgical endoscopy
  - 31299 Sinus surgery procedure
  
- Surgery/Respiratory System: Larynx
  - 31505 Diagnostic laryngoscopy
  - 31510 Laryngoscopy with biopsy
  - 31511 Remove foreign body, larynx
  - 31513 Injection into vocal cord
  - 31515 Laryngoscopy for aspiration
  - 31520 Diagnostic laryngoscopy
  - 31525 Diagnostic laryngoscopy
  - 31526 Diagnostic laryngoscopy
  - 31527 Laryngoscopy for treatment
  - 31528 Laryngoscopy and dilatation
  - 31529 Laryngoscopy and dilatation
  - 31530 Operative laryngoscopy
  - 31531 Operative laryngoscopy
  - 31535 Operative laryngoscopy
  - 31536 Operative laryngoscopy
  - 31540 Operative laryngoscopy
  - 31541 Operative laryngoscopy
  - 31560 Operative laryngoscopy
  - 31561 Operative laryngoscopy
  - 31570 Laryngoscopy with injection
  - 31571 Laryngoscopy with injection
  - 31575 Diagnostic laryngoscopy
  - 31576 Laryngoscopy with biopsy
  - 31577 Remove foreign body, larynx
  - 31578 Removal of larynx lesion
  - 31579 Diagnostic laryngoscopy

- Surgery/Respiratory System: Trachea and Bronchi

- 31615 Visualization of windpipe
- 31620 Endobronchial us add-on
- 31622 Diagnostic bronchoscopy
- 31623 Dx bronchoscope/brush
- 31624 Dx bronchoscope/lavage
- 31625 Bronchoscopy with biopsy
- 31628 Bronchoscopy with biopsy
- 31629 Bronchoscopy with biopsy
- 31632 Bronchoscopy/lung bx, add'l
- 31633 Bronchoscopy/needle bx add'l
- 31645 Bronchoscopy, clear airways
- 31646 Bronchoscopy, reclear airways

- Surgery/Respiratory System: Lungs and Pleura

- 33508 Endoscopic vein harvest
- 37500 Endoscopy ligate perf veins
- 37501 Vascular endoscopy procedure
- 39400 Visualization of chest

- Surgery/Digestive System: Esophagus

- 43200 Esophagus endoscopy
- 43201 Esophagus endoscopy, w/submucous injection
- 43202 Esophagus endoscopy, biopsy
- 43204 Esophagus endoscopy & inject
- 43205 Esophagus endoscopy/ligation
- 43215 Esophagus endoscopy
- 43216 Esophagus endoscopy/lesion
- 43217 Esophagus endoscopy
- 43219 Esophagus endoscopy
- 43220 Esophagus endoscopy, dilation
- 43226 Esophagus endoscopy, dilation
- 43227 Esophagus endoscopy, repair
- 43228 Esophagus endoscopy, ablation
- 43231 Esoph endoscopy w/us exam
- 43232 Esoph endoscopy w/us fn bx
- 43234 Upper GI endoscopy, exam
- 43235 Upper GI endoscopy, diagnosis
- 43236 Upper GI scope w/submuc inj
- 43237 Endoscopic us exam, esoph
- 43238 Upper GI endoscopy w/us fn bx
- 43239 Upper GI endoscopy, biopsy
- 43241 Upper GI endoscopy with tube
- 43242 Upper GI endoscopy w/us fn bx
- 43243 Upper GI endoscopy & inject.
- 43244 Upper GI endoscopy/ligation
- 43246 Place gastrostomy tube

43247 Operative upper GI endoscopy  
43248 Upper GI endoscopy/guidewire  
43249 Esophagus endoscopy, dilation  
43260 Endoscopy, bile duct/pancreas  
43261 Endoscopy, bile duct/pancreas  
43262 Endoscopy, bile duct/pancreas  
43263 Endoscopy, bile duct/pancreas  
43264 Endoscopy, bile duct/pancreas  
43265 Endoscopy, bile duct/pancreas  
43267 Endoscopy, bile duct/pancreas  
43268 Endoscopy, bile duct/pancreas  
43269 Endoscopy, bile duct/pancreas  
43271 Endoscopy, bile duct/pancreas  
43272 Endoscopy, bile duct/pancreas

- Surgery/Digestive System: Intestines (Except Rectum)

44360 Small bowel endoscopy  
44361 Small bowel endoscopy, biopsy  
44363 Small bowel endoscopy  
44383 Ileoscopy w/stent  
44385 Endoscopy of bowel pouch  
44386 Endoscopy, bowel pouch, biopsy  
44388 Colon endoscopy  
44389 Colonoscopy with biopsy  
44390 Colonoscopy for foreign body  
44391 Colonoscopy for bleeding  
44392 Colonoscopy & polypectomy  
44393 Colonoscopy, lesion removal  
44397 Colonoscopy w stent

- Surgery/Digestive System: Rectum

45300 Proctosigmoidoscopy  
45303 Proctosigmoidoscopy  
45305 Proctosigmoidoscopy; biopsy  
45307 Proctosigmoidoscopy  
45308 Proctosigmoidoscopy  
45309 Proctosigmoidoscopy  
45315 Proctosigmoidoscopy  
45317 Proctosigmoidoscopy  
45320 Proctosigmoidoscopy  
45321 Proctosigmoidoscopy  
45327 Proctosigmoidoscopy w/stent  
45330 Sigmoidoscopy, diagnostic  
45331 Sigmoidoscopy and biopsy  
45332 Sigmoidoscopy  
45333 Sigmoidoscopy & polypectomy  
45334 Sigmoidoscopy for bleeding

- 45335 Sigmoidoscope w/submuc inj
- 45337 Sigmoidoscopy, decompression
- 45338 Sigmoidoscopy
- 45339 Sigmoidoscopy
- 45340 Sig w/balloon dilation
- 45341 Sigmoidoscopy w/ultrasound
- 45342 Sigmoidoscopy w/us guide bx
- 45345 Sigmoidoscopy w/stent
- 45378 Diagnostic colonoscopy
- 45379 Colonoscopy
- 45380 Colonoscopy and biopsy
- 45381 Colonoscopy, submucous inj
- 45382 Colonoscopy, control bleeding
- 45383 Colonoscopy, lesion removal
- 45384 Colonoscopy
- 45385 Colonoscopy, lesion removal
- 45387 Colonoscopy w/stent
- 45391 Colonoscopy w/endscope us
- 45392 Colonoscopy w/endoscopic fnb
- Surgery/Digestive System: Anus
  - 46600 Diagnostic anoscopy
  - 46604 Anoscopy and dilation
  - 46606 Anoscopy and biopsy
  - 46608 Anoscopy; remove foreign body
  - 46610 Anoscopy; remove lesion
  - 46612 Anoscopy; remove lesions
  - 46614 Anoscopy; control bleeding
- Surgery/Digestive System: Biliary Tract
  - 47561 Laparo w/cholangio/biopsy
- Surgery/Digestive System: Abdomen, Peritoneum and Omentum
  - 49322 – Laparoscopy, aspiration
- Surgery/Urinary System: Kidney
  - 50551 Kidney endoscopy
  - 50553 Kidney endoscopy
  - 50555 Kidney endoscopy & biopsy
  - 50557 Kidney endoscopy & treatment
  - 50559 Renal endoscopy; radiotracer
  - 50561 Kidney endoscopy & treatment
- Surgery/Urinary System: Ureter
  - 50951 Endoscopy of ureter
  - 50953 Endoscopy of ureter
  - 50955 Ureter endoscopy & biopsy

- 50970 Ureter endoscopy
- 50972 Ureter endoscopy & catheter
- 50974 Ureter endoscopy & biopsy
- 50976 Ureter endoscopy & treatment
- 50978 Ureter endoscopy & tracer
- 50980 Ureter endoscopy & treatment
- Surgery/Urinary System: Bladder
  - 51715 Endoscopic injection/implant
  - 52000 Cystoscopy
  - 52001 Cystoscopy, removal of clots
  - 52005 Cystoscopy & ureter catheter
  - 52007 Cystoscopy and biopsy
  - 52010 Cystoscopy & duct catheter
  - 52204 Cystoscopy
  - 52282 Cystoscopy, implant stent
  - 52327 Cystoscopy, inject material
  - 52330 Cystoscopy and treatment
  - 52351 Cystouretero & or pyeloscope
  - 52352 Cystouretero w/stone remove
  - 52353 Cystouretero w/lithotripsy
  - 52354 Cystouretero w/biopsy
  - 52355 Cystouretero w/excise tumor
  - 52402 Cystourethro cut ejacul duct
- Surgery/Female Genital System: Cervix Uteri
  - 57452 Examination of vagina
  - 57454 Vagina examination & biopsy
  - 57455 Biopsy of cervix w/scope
  - 57456 Endocerv curettage w/scope
  - 57460 Cervix excision
  - 57461 Conz of cervix w/scope, leep
- Surgery/Female Genital System: Corpus Uteri
  - 58555 Hysteroscopy, dx, sep proc
  - 58558 Hysteroscopy, biopsy
  - 58559 Hysteroscopy, lysis
  - 58560 Hysteroscopy, resect septum
  - 58562 Hysteroscopy, remove fb
  - 58565 Hysteroscopy, sterilization
- Surgery/Female Genital System: Oviduct/Ovary
  - 58670 Laparoscopy, tubal cautery
  - 58671 Laparoscopy, tubal block
- Surgery/Eye and Ocular Adnexa: Anterior Segment
  - 66820 Incision, secondary cataract

66821 After cataract laser surgery  
66830 Removal of lens lesion  
66982 Cataract surgery, complex  
66983 Remove cataract, insert lens

- Other Surgeries:

14301 Skin Tissue Rearrangement  
21011 Exc Face Les Sc < 2 cm  
21012 Exc Face Les Sc = 2 cm  
21013 Exc Face Tum Deep < 2 cm  
21014 Exc Face Tum Deep = 2 cm  
21552 Exc Neck Les Sc = 3 cm  
21554 Exc Neck Tum Deep = 5 cm  
21558 Resect Neck Tum = 5 cm  
21931 Exc Back Les Sc = 3 cm  
21932 Exc Back Tum Deep < 5 cm  
21933 Exc Back Tum Deep = 5 cm  
22901 Exc Back Tum Deep = 5 cm  
22902 Exc Abdomen Les Sc < 3 cm  
22903 Exc Abdomen Les Sc > 3 cm  
23071 Exc Shoulder Les Sc > 3 cm  
23073 Exc Shoulder Tum Deep > 5 cm  
24071 Exc Arm/Elbow Les Sc = 3 cm  
24073 Exc Arm/Elbow Tum Deep > 5 cm  
25071 Exc Forearm Les Sc > 3 cm  
25073 Exc Forearm Tum Deep = 3 cm  
26111 Exc Hand Les Sc > 1.5 cm  
26113 Exc Hand Tum Deep > 1.5 cm  
27043 Exc Hip Pelvis Les Sc > 3 CM  
27045 Exc Hip/Pelvis Tum Deep > 5 CM  
27337 Exc Thigh/Knee Les Sc > 3 CM  
27339 Exc Thigh/Knee Tum Deep > 5 CM  
27632 Exc Leg/Ankle Les Sc > 3 cm  
27634 Exc Leg/Ankle Tum Deep > 5 cm  
28039 Exc Foot/Toe Tum Sc > 1.5 cm  
28041 Exc Foot/Toe Tum Deep > 1.5 cm  
29581 Apply Multilay Compr Lower Leg  
31626 Bronchoscopy w/ Markers  
32552 Remove Lung Catheter  
36147 Access AV Dial Grft for Eval  
36148 Access AV Dial Grft for Proc  
37761 Ligate Leg Veins Open  
51727 Cystometrogram w/UP  
51728 Cystometrogram w/VP  
51729 Cystometrogram w/VP&UP  
53855 Insert Prost Urethral Stent  
63661 Remove Spine El Trd Perq Aray



63662 Remove Spine El Trd Plate  
63663 Revise Spine El Trd Perq Aray  
63664 Revise Spine El Trd Plate Revised  
64490 Inj Paravert F Jnt C/T 1 LEV  
64493 INJ Paravert F JNT L/S 1 LEV  
0213T US Facet JT INJ CERV/T 1 LEV  
0216T US Facet JT INJ LS 1 LEVEL

## Denominator Codes

- SPECT MPI:  
CPT Codes: 78464, 78451 MPI, SPECT, Single, At Rest or Stress; 78465, 78452 MPI, SPECT, Multiple, At Rest and/or Stress
- Stress Echocardiography:  
CPT Codes: 93350, C8928 Echocardiography, trans-thoracic, real time with image documentation, during rest and cardiovascular stress test using treadmill, bicycle exercise and/or pharmacologically induced stress with interpretation and report; 93351, C8930 including performance of continuous electrocardiographic monitoring with physician supervision
- Stress MRI:  
CPT Codes 75559 MRI with stress/imaging; 75560 MRI with flow/velocity/stress; 75563 MRI with stress imaging and dye; 75564 MRI with flow/velocity/stress and dye

## Denominator Exclusion Codes

Indications for measure exclusion include any patients with diagnosis codes in at least three of the following categories:

- **Diabetes Mellitus (look back of one year)**  
Diabetes Mellitus  
E08.00-E13.9  
  
Diabetes mellitus in pregnancy, childbirth, and the puerperium  
O24.011-O24.33, O24.811-O24.93
- **Renal insufficiency (look back of one year)**  
Hypertensive chronic kidney disease  
I12.0-I12.9  
  
Hypertensive heart and chronic kidney disease  
I13.0-I13.2

Glomerular diseases

N00.0-N01.9, N03.0-N03.9, N05.0-N08

Acute kidney failure and chronic kidney disease

N17.0-N19

Other disorders of kidney and ureter

N28.9-N29

- **Stroke/Transient Ischemic Attack (look back of three years)**

Transient cerebral ischemic attacks and related syndromes

G45.0-G45.2, G45.8-G45.9

Vascular syndromes of brain in cerebrovascular diseases

G46.0-G46.2

Cerebrovascular diseases

I60.00-I63.9, I65.21-I65.29, I66.01-I66.9, I67.1, I67.841-I67.89, I69.00-I69.998

Other intraoperative and postprocedural complications and disorders of the circulatory system, not elsewhere classified

I97.810-I97.821

Diseases of the circulatory system complicating pregnancy, childbirth and the puerperium

O99.411-O99.43

- **Prior heart failure (look back of three years)**

Other forms of heart disease

I42.0-I43

Heart failure

I50.1-I50.9

Intraoperative and postprocedural complications and disorders of circulatory system, not elsewhere classified

I97.0-I97.191

Complications and ill-defined descriptions of heart disease

I51.0-I51.9

- **Ischemic heart disease (look back of three years)**

Ischemic heart diseases

I20.0-I22.9, I24.8-I25.119, I25.700-I25.799

*Technical Note: Please note that an asterisk (\*) represents a wildcard for that digit.*

*Technical Note: The draft specifications included in this document represent a crosswalk of the ICD-9 specifications to ICD-10 specifications based on both a forward and backward crosswalk of the General Equivalence Mapping (GEM) file. The contractor made additional modifications to the ICD-10 specifications as a result of public comment and review by contractor clinicians and ICD-10 subject matter experts. Additional refinement of the ICD-10 specifications may occur as data comes available for testing.*

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