

Appendix D

Codes for:

Surgery of Primary Site

Scope of Regional Lymph Node Surgery

**Surgery of Other Regional Sites, Distant Sites,
or Distant Lymph Nodes**

Reconstruction -- First Course

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ORAL CAVITY

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C01.9	Base of Tongue
C02.0 - C02.9	Other Parts of Tongue
C03.0 - C03.9	Gum
C04.0 - C04.9	Floor of Mouth
C05.0 - C05.9	Palate
C06.0 - C06.9	Other Parts of Mouth

SURGERY OF PRIMARY SITE

00 None; no cancer-directed surgery of primary site

10 Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)

11 Photodynamic therapy (PDT)

12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)

13 Cryosurgery

14 Laser

No specimen sent to pathology from this surgical event.

Procedures in codes 20-27 include, but are not limited to:

Shave

Wedge resection

20 Local tumor excision, NOS (**WITH PATHOLOGY SPECIMEN**)

21 Photodynamic therapy (PDT)

22 Electrocautery

23 Cryosurgery

24 Laser ablation

25 Laser excision

26 Polypectomy

27 Excisional biopsy

Specimen sent to pathology from this surgical event.

Procedures in code 30 include, but are not limited to:

Hemiglossectomy

Partial glossectomy

30 Wide excision, NOS

Procedures in codes 40-43 include, but are not limited to:

Radical glossectomy

40 Radical excision of tumor, NOS

41 Radical excision of tumor ONLY

42 Combination of **41** WITH en bloc mandibulectomy (marginal, segmental, hemi-, or total)

43 Combination of **41** WITH en bloc maxillectomy (partial, subtotal, total)

90 Surgery, NOS

ORAL CAVITY

99 Unknown if cancer-directed surgery performed; death certificate only

ORAL CAVITY

SCOPE OF REGIONAL LYMPH NODE SURGERY

Regional cervical lymph nodes are:

Caudal jugular (deep cervical)
 Cranial jugular (deep cervical)
 Dorsal cervical (superficial cervical)
 Medial jugular (deep cervical)
 Occipital
 Paratracheal (anterior cervical)
 Prelaryngeal (anterior cervical)
 Retroauricular (mastoid, posterior auricular)
 Submandibular (submaxillary)
 Submental
 Supraclavicular

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS
- 2 Neck dissection, NOS
 - 3 Selective, limited; nodal sampling; “berry picking”
 - 4 Modified / modified radical
 - 5 Radical
- 9 Unknown; not stated; death certificate only

Terminology of neck dissection (Robbins et al. 1991):

A radical neck dissection includes the removal of all ipsilateral cervical lymph node groups, i.e., lymph nodes from levels I through V (submental, submandibular, cranial jugular, medial jugular, caudal jugular, dorsal cervical nodes along the accessory nerve, and supraclavicular), and removal of the spinal accessory nerve, internal jugular vein and sternocleidomastoid muscle.

In a modified radical neck dissection, the same lymph nodes are removed as in a radical neck dissection; however, one or more non-lymphatic structures are preserved.

A selective neck dissection is a neck dissection with preservation of one or more lymph node groups routinely removed in radical neck dissection.

ORAL CAVITY**SURGERY OF OTHER REGIONAL SITES, DISTANT SITES OR DISTANT LYMPH NODES**

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2 Other regional site(s)
 - 3 Mandibulectomy (marginal, segmental, hemi-, or total)
 - 4 Maxillectomy (partial, subtotal, or total)

Code a mandibulectomy or a maxillectomy in this field only if the procedure is NOT a part of an en bloc resection of the primary tumor. (An en bloc resection is the removal of organs in one piece at one time.) If the mandibulectomy or maxillectomy ARE a part of an en bloc resection of the primary tumor, code under "Surgery of Primary Site."

- 5 Distant lymph node(s)
- 6 Distant site(s)
- 7 Combination of 6 WITH 2, 3, 4, or 5
- 9 Unknown; not stated; death certificate only

RECONSTRUCTION - FIRST COURSE

- 0 No reconstruction / restoration
- 1 Flaps, grafts, or any type of "...plasty," NOS
 - 2 WITHOUT implant / prosthesis
 - 3 WITH implant / prosthesis
- 8 Reconstruction / restoration recommended, unknown if performed
- 9 Unknown; not stated; death certificate only

PAROTID AND OTHER UNSPECIFIED GLANDS

C07.9 Parotid Gland
C08.0 - C08.9 Major Salivary Glands

SURGERY OF PRIMARY SITE

- 00** None; no cancer-directed surgery of primary site

- 10** Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)
 - 11** Photodynamic therapy (PDT)
 - 12** Electrocautery; fulguration (includes use of hot forceps for tumor destruction)
 - 13** Cryosurgery
 - 14** Laser

No specimen sent to pathology from this surgical event.

- 20** Local tumor excision, NOS (**WITH PATHOLOGY SPECIMEN**)
 - 21** Photodynamic therapy (PDT)
 - 22** Electrocautery
 - 23** Cryosurgery
 - 24** Laser ablation
 - 25** Laser excision
 - 26** Polypectomy
 - 27** Excisional biopsy

Specimen sent to pathology from this surgical event.

- 30** Less than total parotidectomy, NOS; less than total removal of major salivary gland, NOS
 - 31** Facial nerve spared
 - 32** Facial nerve sacrificed
- 33** Superficial lobe **ONLY**
 - 34** Facial nerve spared
 - 35** Facial nerve sacrificed
- 36** Deep lobe (**WITH or WITHOUT superficial lobe**)
 - 37** Facial nerve spared
 - 38** Facial nerve sacrificed

- 40** Total parotidectomy, NOS; total removal of major salivary gland, NOS
 - 41** Facial nerve spared
 - 42** Facial nerve sacrificed

- 50** Radical parotidectomy, NOS; radical removal of major salivary gland, NOS
 - 51** **WITHOUT** removal of temporal bone
 - 52** **WITH** removal of temporal bone

80 Parotidectomy, NOS

90 Surgery, NOS

PAROTID AND OTHER UNSPECIFIED GLANDS

99 Unknown if cancer-directed surgery performed; death certificate only

SCOPE OF REGIONAL LYMPH NODE SURGERY

Regional cervical lymph nodes are:

Buccal (facial)
Caudal jugular (deep cervical)
Cranial jugular (deep cervical)
Dorsal cervical (superficial cervical)
Medial jugular (deep cervical)
Occipital
Paratracheal (anterior cervical)
Parotid
Prelaryngeal (anterior cervical)
Retroauricular (mastoid, posterior auricular)
Retropharyngeal
Submandibular (submaxillary)
Submental
Supraclavicular

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS
- 2 Neck dissection, NOS
- 3 Selective, limited; nodal sampling; “berry picking”
- 4 Modified / modified radical
- 5 Radical
- 9 Unknown; not stated; death certificate only

Terminology of neck dissection (Robbins et al. 1991):

A radical neck dissection includes the removal of all ipsilateral cervical lymph node groups, i.e., lymph nodes from levels I through V (submental, submandibular, cranial jugular, medial jugular, caudal jugular, dorsal cervical nodes along the accessory nerve, and supraclavicular), and removal of the spinal accessory nerve, internal jugular vein and sternocleidomastoid muscle.

In a modified radical neck dissection, the same lymph nodes are removed as in a radical neck dissection; however, one or more non-lymphatic structures are preserved.

A selective neck dissection is a neck dissection with preservation of one or more lymph node groups routinely removed in radical neck dissection.

PAROTID AND OTHER UNSPECIFIED GLANDS

SURGERY OF OTHER REGIONAL SITES, DISTANT SITES OR DISTANT LYMPH NODES

- 0** None; no surgery to other regional or distant sites
- 1** Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2** Other regional sites
 - 3** Distant lymph node(s)
 - 4** Distant site(s)
 - 5** Combination of **4** WITH **2** or **3**
- 9** Unknown; not stated; death certificate only

RECONSTRUCTION - FIRST COURSE

- 0** No reconstruction / restoration
- 1** Flaps, grafts, or any type of "...plasty," NOS
 - 2** WITHOUT implant / prosthesis
 - 3** WITH implant / prosthesis
- 8** Reconstruction / restoration recommended, unknown if performed
- 9** Unknown; not stated; death certificate only

PHARYNX

C09.0 - C09.9	Tonsil
C10.0 - C10.9	Oropharynx
C11.0 - C11.9	Nasopharynx
C12.9	Pyriiform Sinus
C13.0 - C13.9	Hypopharynx
C14.0	Pharynx

SURGERY OF PRIMARY SITE

00 None; no cancer-directed surgery of primary site

10 Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)

11 Photodynamic therapy (PDT)

12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)

13 Cryosurgery

14 Laser

15 Stripping

No specimen sent to pathology from this surgical event.

20 Local tumor excision, NOS (**WITH PATHOLOGY SPECIMEN**)

21 Photodynamic therapy (PDT)

22 Electrocautery

23 Cryosurgery

24 Laser ablation

25 Laser excision

26 Polypectomy

27 Excisional biopsy

Specimen sent to pathology from this surgical event.

30 Pharyngectomy, NOS

31 Limited/partial pharyngectomy; tonsillectomy, NOS

32 Total pharyngectomy

40 Pharyngectomy WITH mandibulectomy (marginal, segmental, hemi-, and/or laryngectomy), NOS

41 WITH laryngectomy (laryngopharyngectomy)

42 WITH mandibulectomy

43 WITH both **41** and **42**

50 Radical pharyngectomy (includes total mandibular resection), NOS

51 WITHOUT laryngectomy

52 WITH laryngectomy

90 Surgery, NOS

99 Unknown if cancer-directed surgery performed; death certificate only

PHARYNX**SCOPE OF REGIONAL LYMPH NODE SURGERY****Regional cervical lymph nodes are:**

Buccal (facial)
 Caudal jugular (deep cervical)
 Cranial jugular (deep cervical)
 Dorsal cervical (superficial cervical)
 Medial jugular (deep cervical)
 Occipital
 Paratracheal (anterior cervical)
 Parotid
 Prelaryngeal (anterior cervical)
 Retroauricular (mastoid, posterior auricular)
 Retropharyngeal
 Submandibular (submaxillary)
 Submental
 Supraclavicular

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS
- 2 Neck dissection, NOS
 - 3 Selective, limited; nodal sampling; “berry picking”
 - 4 Modified / modified radical
 - 5 Radical
- 9 Unknown; not stated; death certificate only

Terminology of neck dissection (Robbins et al. 1991):

A radical neck dissection includes the removal of all ipsilateral cervical lymph node groups, i.e., lymph nodes from levels I through V (submental, submandibular, cranial jugular, medial jugular, caudal jugular, dorsal cervical nodes along the accessory nerve, and supraclavicular), and removal of the spinal accessory nerve, internal jugular vein and sternocleidomastoid muscle.

In a modified radical neck dissection, the same lymph nodes are removed as in a radical neck dissection; however, one or more non-lymphatic structures are preserved.

A selective neck dissection is a neck dissection with preservation of one or more lymph node groups routinely removed in radical neck dissection.

PHARYNX

SURGERY OF OTHER REGIONAL SITES, DISTANT SITES OR DISTANT LYMPH NODES

- 0** None; no surgery to other regional or distant sites
- 1** Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2** Laryngectomy ONLY
 - 3** Mandibulectomy ONLY (marginal, segmental, or hemi-)
 - 4** Combination of **2** and **3**
 - 5** Removal of other regional sites
 - 6** Combination of **5** WITH any of **2-4**
 - 7** Removal of other distant sites(s) or distant lymph node(s)
 - 8** Combination of **7** WITH any of **2-6**
- 9** Unknown; not stated; death certificate only

RECONSTRUCTION - FIRST COURSE

Code only the following procedures:

Myocutaneous flaps (pectoralis major, trapezius)
Reconstruction of mandible
Regional flaps

- 0** No reconstruction / restoration
- 1** Reconstruction / restoration, NOS
 - 2** WITHOUT implant / prosthesis
 - 3** WITH implant / prosthesis
- 8** Reconstruction / restoration recommended, unknown if performed
- 9** Unknown; not stated; death certificate only

ESOPHAGUS

C15.0 - C15.9

SURGERY OF PRIMARY SITE

- 00** None; no cancer-directed surgery of primary site

- 10** Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)
 - 11** Photodynamic therapy (PDT)
 - 12** Electrocautery; fulguration (includes use of hot forceps for tumor destruction)
 - 13** Cryosurgery
 - 14** Laser

No specimen sent to pathology from this surgical event.

- 20** Local tumor excision, NOS (**WITH PATHOLOGY SPECIMEN**)
 - 21** Photodynamic therapy (PDT)
 - 22** Electrocautery
 - 23** Cryosurgery
 - 24** Laser ablation
 - 25** Laser excision
 - 26** Polypectomy
 - 27** Excisional biopsy

Specimen sent to pathology from this surgical event.

- 30** Partial esophagectomy

- 40** Total esophagectomy

- 50** Partial esophagectomy WITH laryngectomy and/or gastrectomy, NOS
 - 51** WITH laryngectomy
 - 52** WITH gastrectomy, NOS
 - 53** Partial gastrectomy
 - 54** Total gastrectomy
 - 55** Combination of **51** WITH any of **52-54**

- 60** Total esophagectomy, NOS WITH laryngectomy and/or gastrectomy, NOS
 - 61** WITH laryngectomy
 - 62** WITH gastrectomy, NOS
 - 63** Partial gastrectomy
 - 64** Total gastrectomy
 - 65** Combination of **61** WITH any of **62-64**

- 70** Esophagectomy, NOS WITH pharyngectomy and laryngectomy

- 80** Esophagectomy, NOS

- 90** Surgery, NOS

- 99** Unknown if cancer-directed surgery performed; death certificate only

ESOPHAGUS**SCOPE OF REGIONAL LYMPH NODE SURGERY**

Regional lymph nodes are different for each anatomical subsite. The following list identifies nodes classified as regional for each subsite:

Cervical esophagus

Cervical, NOS
 Internal jugular
 Periesophageal
 Scalene
 Supraclavicular
 Upper cervical

Intrathoracic esophagus (upper, middle, lower):

Carinal
 Hilar (pulmonary roots)
 Internal jugular
 Mediastinal, NOS
 Paracardial
 Periesophageal
 Perigastric
 Peritracheal
 Superior mediastinal
 Tracheobronchial

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS
- 9 Unknown; not stated; death certificate only

Note: Celiac nodes are DISTANT for the intrathoracic esophagus. Code removal of celiac nodes in the data item “Surgery of Other Regional Sites, Distant Sites or Distant Lymph Nodes.”

SURGERY OF OTHER REGIONAL SITES, DISTANT SITES OR DISTANT LYMPH NODES

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2 Other regional sites
 - 3 Distant lymph node(s)
 - 4 Distant site(s)
 - 5 Combination of 4 WITH 2 or 3
- 9 Unknown; not stated; death certificate only

ESOPHAGUS

RECONSTRUCTION - FIRST COURSE

Code only the following procedures:

Endoluminal stents
Endoprosthesis
Esophageal stents
Esophagogastric fundoplasty
Esophagogastrostomy (cardioplasty)
Esophagojejunostomy
Esophagomyotomy
Esophagoplasty (plastic repair or reconstruction)
Esophagoplasty WITH / WITHOUT repair of a tracheoesophageal fistula
Esophagostomy
Gastropharyngostomy
Interposition of remaining esophagus with stomach using large or small bowel
Self expanding metal vynal
Stent placement in conjunction with cancer-directed surgery

- 0** No reconstruction / restoration
- 1** Reconstruction / restoration, NOS
 - 2** WITHOUT implant / prosthesis
 - 3** WITH implant / prosthesis
- 8** Reconstruction / restoration recommended, unknown if performed
- 9** Unknown; not stated; death certificate only

STOMACH

C16.0 - C16.0

SURGERY OF PRIMARY SITE

- 00 None; no cancer-directed surgery of primary site
- 10 Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)
 - 11 Photodynamic therapy (PDT)
 - 12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)
 - 13 Cryosurgery
 - 14 Laser

No specimen sent to pathology from this surgical event.

- 20 Local tumor excision, NOS (**WITH PATHOLOGY SPECIMEN**)
 - 21 Photodynamic therapy (PDT)
 - 22 Electrocautery
 - 23 Cryosurgery
 - 24 Laser ablation
 - 25 Laser excision
 - 26 Polypectomy
 - 27 Excisional biopsy

Specimen sent to pathology from this surgical event.

Code **30, partial gastrectomy**, includes a sleeve resection of the stomach.

Billroth I: anastomosis to duodenum (duodenostomy)

Billroth II: anastomosis to jejunum (jejunostomy)

- 30 Gastrectomy, NOS (partial, subtotal, hemi-)
 - 31 Antrectomy, lower (distal)
 - Resection of less than 40% of stomach**
 - 32 Lower (distal) gastrectomy (partial, subtotal, hemi-)
 - 33 Upper (proximal) gastrectomy (partial, subtotal, hemi-)

- 40 Near-total or total gastrectomy

A total gastrectomy may follow a previous partial resection of the stomach.

- 50 Gastrectomy, NOS, WITH removal of a portion of esophagus
 - 51 Partial or subtotal gastrectomy
 - 52 Near total or total gastrectomy

- 60 Gastrectomy WITH en bloc resection of other organs, NOS
 - 61 Partial or subtotal gastrectomy WITH en bloc resection
 - 62 Near total or total gastrectomy WITH en bloc resection
 - 63 Radical gastrectomy WITH en bloc resection

An en bloc resection is the removal of organs in one piece at one time, and may include an omentectomy.

- 80 Gastrectomy, NOS

- 90 Surgery, NOS

STOMACH

99 Unknown if cancer-directed surgery performed; death certificate only

SCOPE OF REGIONAL LYMPH NODE SURGERY

The regional lymph nodes are different for these areas:

Greater Curvature of Stomach

Gastroduodenal
Gastroepiploic, left
Gastroepiploic, right or NOS
Greater omental
Greater curvature
Pancreaticoduodenal
(anteriorly along the first part of duodenum)
Pyloric, including subpyloric and infrapyloric

Pancreatic and Splenic Area

Pancreaticolienal
Peripancreatic
Splenic hilum

Lesser Curvature of Stomach

Cardioesophageal
Celiac
Common hepatic
Hepatoduodenal
Left gastric
Lesser omental
Lesser curvature
Paracardial; cardial
Perigastric, NOS

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS
- 9 Unknown; not stated; death certificate only

STOMACH

SURGERY OF OTHER REGIONAL SITES, DISTANT SITES OR DISTANT LYMPH NODES

Do not code the incidental removal of gallbladder, bile ducts, appendix, or vagus nerve. [Incidental removal is when an organ is removed for a reason unrelated to the malignancy (e.g., gallbladder removed for obvious cholelithiasis).]

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2 Removal of other regional sites, ONLY
 - 3 Removal of distant node(s)
 - 4 Removal of distant site
 - 5 Combination of 2 WITH 3 and/or 4
- 9 Unknown; not stated; death certificate only

RECONSTRUCTION - FIRST COURSE

- 0 No reconstruction / restoration
- 1 Gastrostomy
 - 2 WITHOUT reservoir / pouch
 - 3 WITH reservoir / pouch (abdominal)
- 9 Unknown; not stated; death certificate only

COLON

C18.0 - C18.9

SURGERY OF PRIMARY SITE

Note: Code the removal / surgical ablation of single or multiple liver metastases under the data item "Surgery of Other Regional Sites, Distant Sites or Distant Lymph Nodes."

- 00 None; no cancer-directed surgery of primary site

- 10 Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)
 - 11 Photodynamic therapy (PDT)
 - 12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)
 - 13 Cryosurgery
 - 14 Laser

No specimen sent to pathology from this surgical event.

- 20 Local tumor excision, NOS (**WITH PATHOLOGY SPECIMEN**)
 - 21 Photodynamic therapy (PDT)
 - 22 Electrocautery
 - 23 Cryosurgery
 - 24 Laser ablation
 - 25 Laser excision
 - 26 Polypectomy
 - 27 Excisional biopsy

Specimen sent to pathology from this surgical event.

Procedures coded 30-31 include, but are not limited to:

- Appendectomy (for an appendix primary only)
- Enterocolectomy
- Ileocolectomy
- Partial colectomy, NOS
- Partial resection of transverse colon and flexures
- Segmental resection, e.g., cecectomy
- Sigmoidectomy

- 30 Partial colectomy, but less than hemicolectomy
- 31 Partial colectomy WITH permanent colostomy (Hartmann's operation)
 - Also code colostomy in the data item "Reconstruction - First Course".**

40 Hemicolectomy or greater (but less than total); right colectomy; left colectomy
A hemicolectomy is the removal of total right or left colon and a portion of transverse colon.

50 Total colectomy (removal of colon from cecum to the rectosigmoid or a portion of the rectum)

60 Total proctocolectomy (commonly used for familial polyposis or polyposis coli)

COLON**SURGERY OF PRIMARY SITE** (cont.)

70 Colectomy or colectectomy WITH an en bloc resection of other organs; pelvic exenteration

Code 70 includes any colectomy (partial, hemicolectomy, or total) WITH an en bloc resection of any other organs. The other organs may be partially or totally removed. Procedures that may be a part of an en bloc resection include, but are not limited to: oophorectomy, partial proctectomy, rectal mucosectomy.

En bloc resection is the removal of organs in one piece at one time.

The creation of **ileal reservoir** which is a part of a pelvic exenteration **must also be coded** in the data item "Reconstruction - First Course".

80 Colectomy, NOS

90 Surgery, NOS

99 Unknown if cancer-directed surgery performed; death certificate only

SCOPE OF REGIONAL LYMPH NODE SURGERY

The pathology report often describes regional lymph nodes by their anatomic location: colic nodes; mesenteric nodes; peri-\epi-\para-\ colic. Regional lymph nodes differ for each anatomical subsite. The following list identifies the regional lymph nodes for each subsite of the colon:

Cecum and Appendix

Anterior cecal
Ileocolic
Posterior cecal
Right colic

Ascending colon

Ileocolic
Middle colic
Right colic

Hepatic flexure

Middle colic
Right colic

Transverse colon

Middle colic

Splenic flexure

Inferior mesenteric
Middle colic
Left colic

Descending colon

Inferior mesenteric
Left colic
Sigmoid

Sigmoid colon

Inferior mesenteric
Sigmoid mesenteric
Sigmoidal
Superior rectal (hemorrhoidal)

Superior mesenteric, external iliac and common iliac nodes are DISTANT lymph nodes. Code the removal of any of these nodes in the data item "Surgery of Other Regional Sites, Distant Sites or Distant Lymph Nodes."

0 No regional lymph nodes removed

1 Regional lymph node(s) removed, NOS

9 Unknown; not stated; death certificate only

COLON

SURGERY OF OTHER REGIONAL SITES, DISTANT SITES OR DISTANT LYMPH NODES

Do not code the incidental removal of appendix, gallbladder, bile ducts, or spleen. [Incidental removal is when an organ is removed for a reason unrelated to the malignancy (e.g., gallbladder removed for obvious cholelithiasis).]

- 0** None; no surgery to other regional or distant sites
- 1** Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2** Removal of other regional site(s), ONLY
 - 3** Removal / surgical ablation of single liver metastasis
 - 4** Removal / surgical ablation of multiple liver metastases
 - 5** Combination of code **2** WITH **3** or **4**
 - 6** Removal of other distant site(s) or distant lymph node(s), ONLY
 - 7** Combination of code **6** WITH **3** or **5**
 - 8** Combination of code **6** WITH **4**
- 9** Unknown; not stated; death certificate only

RECONSTRUCTION - FIRST COURSE

Do not code anastomosis as reconstruction.

- 0** No reconstruction / restoration
- 1** Colostomy (permanent)
- 2** Ileostomy, NOS
 - 3** WITHOUT a reservoir or pouch
 - 4** WITH an abdominal reservoir or pouch
 - 5** WITH an anal reservoir or pouch; artificial sphincter
- 9** Unknown; not stated; death certificate only

RECTOSIGMOID

C19.9

SURGERY OF PRIMARY SITE

Note: Code removal / surgical ablation of single or multiple liver metastases under the data item "Surgery of Other Regional Sites, Distant Sites or Distant Lymph Nodes."

- 00** None; no cancer-directed surgery of primary site

- 10** Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)
 - 11** Photodynamic therapy (PDT)
 - 12** Electrocautery; fulguration (includes use of hot forceps for tumor destruction)
 - 13** Cryosurgery
 - 14** Laser ablation

No specimen sent to pathology from this surgical event.

- 20** Local tumor excision, NOS (**WITH PATHOLOGY SPECIMEN**)
 - 21** Photodynamic therapy (PDT)
 - 22** Electrocautery
 - 23** Cryosurgery
 - 24** Laser ablation
 - 25** Laser excision
 - 26** Polypectomy
 - 27** Excisional biopsy

Specimen sent to pathology from this surgical event.

Procedures coded 30 include, but are not limited to:

- Anterior resection
- Hartmann's operation
- Low anterior resection (LAR)
- Partial colectomy, NOS
- Rectosigmoidectomy, NOS
- Sigmoidectomy

- 30** Wedge or segmental resection; partial proctosigmoidectomy, NOS

Procedures coded 40 include, but are not limited to:

- Altemeier's operation
- Duhamel's operation
- Soave's submucosal resection
- Swenson's operation
- Turnbull's operation

- 40** Pull through WITH sphincter preservation (coloanal anastomosis)

RECTOSIGMOID**SURGERY OF PRIMARY SITE** (cont.)**Procedures coded 50 include, but are not limited to:**

- Abdominoperineal resection (A & P resection)
- Anterior/posterior resection (A/P resection) / Miles' operation
- Rankin's operation

- 50** Total proctectomy
- 51** Total colectomy (removal of the colon from cecum to the rectosigmoid or a portion of the rectum)
- 60** Combination of **50** and **51**
- 70** Colectomy or proctocolectomy WITH an en bloc resection of other organs; pelvic exenteration

En bloc resection is the removal of organs in one piece at one time. Procedures that may be a part of an en bloc resection include, but are not limited to: an oophorectomy and a rectal mucosectomy.

Code **70** includes any colectomy (partial, hemicolectomy, or total) WITH an en bloc resection of any other organs. The other organs may be partially or totally removed.

An **ileal reservoir** which is part of a pelvic exenteration **should be coded in the data item "Reconstruction - First Course"**.

- 80** Colectomy, NOS; Proctectomy, NOS
- 90** Surgery, NOS
- 99** Unknown if cancer-directed surgery performed; death certificate only

RECTOSIGMOID

SCOPE OF REGIONAL LYMPH NODE SURGERY

The pathology report often identifies regional lymph nodes by their anatomic location: colic; mesenteric; peri-/para-/ colic; perirectal; rectal.

The specific regional lymph nodes are:

- Inferior mesenteric
- Left colic
- Middle rectal (hemorrhoidal)
- Perirectal
- Sigmoid mesenteric
- Sigmoidal
- Superior rectal (superior hemorrhoidal)

Superior mesenteric, external iliac and common iliac nodes are DISTANT nodes. Code removal of these nodes under the data item “Surgery of Other Regional Sites, Distant Sites or Distant Lymph Nodes.”

- 0** No regional lymph nodes removed
- 1** Regional lymph node(s) removed, NOS
- 9** Unknown; not stated; death certificate only

RECTOSIGMOID**SURGERY OF OTHER REGIONAL SITES, DISTANT SITES OR DISTANT LYMPH NODES**

Do not code the incidental removal of appendix, gallbladder, or bile ducts. [Incidental removal is when an organ is removed for a reason unrelated to the malignancy (e.g., gallbladder removed for obvious cholelithiasis)].

- 0** None; no surgery to other regional or distant sites
- 1** Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2** Removal of other regional site(s), ONLY
 - 3** Removal / surgical ablation of single liver metastasis
 - 4** Removal / surgical ablation of multiple liver metastases
 - 5** Combination of code **2** WITH **3** or **4**
 - 6** Removal of other distant site(s) or distant lymph node(s), ONLY
 - 7** Combination of code **6** WITH **3**, **4** or **5**
 - 8** Combination of code **6** WITH **3** or **5**
- 9** Unknown; death certificate only

RECONSTRUCTION - FIRST COURSE

- 0** No reconstruction / restoration
- 1** Colostomy (permanent)
- 2** Ileostomy, NOS
 - 3** WITHOUT a reservoir or pouch
 - 4** WITH an abdominal reservoir or pouch
 - 5** WITH an anal reservoir or pouch; artificial sphincter
- 9** Unknown; not stated; death certificate only

RECTUM

C20.9

SURGERY OF PRIMARY SITE

Note: Code removal / surgical ablation of single or multiple liver metastases under the data item "Surgery of Other Regional Sites, Distant Sites or Distant Lymph Nodes."

00 None; no cancer-directed surgery of primary site

10 Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)

11 Photodynamic therapy (PDT)

12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)

13 Cryosurgery

14 Laser

No specimen sent to pathology from this surgical event.

20 Local tumor excision, NOS (**WITH PATHOLOGY SPECIMEN**)

21 Photodynamic therapy (PDT)

22 Electrocautery

23 Cryosurgery

24 Laser ablation

25 Laser excision

26 Polypectomy

27 Excisional biopsy

28 Curette and fulguration

Specimen sent to pathology from this surgical event.

Procedures coded 30 include, but are not limited to:

Anterior resection

Hartmann's operation

Low anterior resection (LAR)

Trans-sacral rectosigmoidectomy

30 Wedge or segmental resection; partial proctectomy, NOS

Procedures coded 40 include, but are not limited to:

Altemeier's operation

Duhamel's operation

Soave's submucosal resection

Swenson's operation

Turnbull's operation

40 Pull through WITH sphincter preservation (coloanal anastomosis)

RECTUM

SURGERY OF PRIMARY SITE (cont.)

Procedures coded 50 include, but are not limited to:

Abdominoperineal resection (A & P resection)

Anterior/Posterior (A/P) resection / Miles' operation

Rankin's operation

50 Total proctectomy

60 Total proctocolectomy, NOS

70 Proctectomy or proctocolectomy WITH an en bloc resection of other organs; pelvic exenteration

En bloc resection is the removal of organs in one piece at one time.

The creation of an **ileal reservoir** which is a part of a pelvic exenteration **should be coded in the data item "Reconstruction - First Course"**.

80 Proctectomy, NOS

90 Surgery, NOS

99 Unknown if cancer-directed surgery performed; death certificate only

RECTUM

SCOPE OF REGIONAL LYMPH NODE SURGERY

The pathology report often identifies regional lymph nodes by their anatomic location: mesenteric nodes; perirectal nodes; rectal nodes.

The specific regional lymph nodes are:

- Inferior rectal (hemorrhoidal)
- Inferior mesenteric
- Internal iliac
- Lateral sacral
- Middle rectal (hemorrhoidal)
- Perirectal
- Presacral
- Sacral promontory (Gerota's)
- Sigmoid mesenteric
- Superior rectal (hemorrhoidal)

Superior mesenteric, external iliac and common iliac nodes are classified as DISTANT lymph nodes. Code removal of these nodes under the data item "Surgery of Other Regional Sites, Distant Sites or Distant Lymph Nodes."

- 0** No regional lymph nodes removed
- 1** Regional lymph node(s) removed, NOS
- 9** Unknown; not stated; death certificate only

RECTUM

SURGERY OF OTHER REGIONAL SITES, DISTANT SITES OR DISTANT LYMPH NODES

Do not code the incidental removal of appendix, gallbladder, bile ducts, or spleen. [Incidental removal is when an organ is removed for a reason unrelated to the malignancy (e.g., gallbladder removed for obvious cholelithiasis).]

- 0** None; no surgery to other regional or distant sites
- 1** Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2** Removal of other regional site(s), ONLY
 - 3** Removal / surgical ablation of single liver metastasis
 - 4** Removal / surgical ablation of multiple liver metastases
 - 5** Combination of code **2** WITH **3** or **4**
 - 6** Removal of other distant site(s) or distant lymph node(s), ONLY
 - 7** Combination of code **6** WITH **3**, **4** or **5**
 - 8** Combination of code **6** WITH **3** or **5**
- 9** Unknown; death certificate only

RECONSTRUCTION - FIRST COURSE

- 0** No reconstruction / restoration
- 1** Colostomy (permanent)
- 2** Ileostomy, NOS
 - 3** WITHOUT a reservoir or pouch
 - 4** WITH an abdominal reservoir or pouch
 - 5** WITH an anal reservoir or pouch; artificial sphincter
- 9** Unknown; not stated; death certificate only

ANUS

C21.0 - C21.8

SURGERY OF PRIMARY SITE

00 None; no cancer-directed surgery of primary site

Procedures for codes 10-14 include, but are not limited to:

Cryosurgery
Electrocautery
Excisional biopsy
Laser
Thermal ablation

10 Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)

11 Photodynamic therapy (PDT)
12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)
13 Cryosurgery
14 Laser

No specimen sent to pathology from this surgical event.

20 Local tumor excision, NOS (**WITH PATHOLOGY SPECIMEN**)

21 Photodynamic therapy (PDT)
22 Electrocautery
23 Cryosurgery
24 Laser ablation
25 Laser excision
26 Polypectomy
27 Excisional biopsy

Specimen sent to pathology from this surgical event.

Note: Margins of resection may have microscopic involvement.

60 Abdominal perineal resection, NOS

90 Surgery, NOS

99 Unknown if cancer-directed surgery performed; death certificate only

ANUS

SCOPE OF REGIONAL LYMPH NODE SURGERY

- 0** No regional lymph nodes removed
- 1** Regional lymph node(s) removed, NOS
 - 2** Perirectal, anorectal lymph nodes
 - 3** Internal iliac lymph nodes (hypogastric), unilateral
 - 4** Inguinal lymph nodes, unilateral
 - 5** Combination of **2** and **4**
 - 6** Bilateral internal iliac and/or bilateral inguinal lymph nodes
- 9** Unknown; not stated; death certificate only

SURGERY OF OTHER REGIONAL SITES, DISTANT SITES OR DISTANT LYMPH NODES

- 0** None; no surgery to other regional or distant sites
- 1** Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2** Other regional sites
 - 3** Distant lymph node(s)
 - 4** Distant site(s)
 - 5** Combination of **4** WITH **2** or **3**
- 9** Unknown; not stated; death certificate only

RECONSTRUCTION - FIRST COURSE

- 0** No reconstruction / restoration
- 1** Colostomy (permanent)
- 2** Ileostomy, NOS
 - 3** WITHOUT a reservoir or pouch
 - 4** WITH an abdominal reservoir or pouch
 - 5** WITH an anal reservoir or pouch; artificial sphincter
- 9** Unknown; not stated; death certificate only

LIVER and INTRAHEPATIC BILE DUCTS

C22.0, C22.1

SURGERY OF PRIMARY SITE

- 00 None; no cancer-directed surgery of primary site

- 10 Local tumor destruction, NOS
 - 11 Photodynamic therapy (PDT)
 - 12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)
 - 13 Cryosurgery
 - 14 Laser
 - 15 Alcohol (percutaneous ethanol injection) (PEI)
 - 16 Heat
 - 17 Other (ultrasound, acetic acid)

- 20 Wedge resection, NOS; segmental resection

- 30 Lobectomy, NOS
 - 31 Simple
 - 32 Extended (resection of a single lobe plus a segment of another lobe)

- 40 Excision of a bile duct (for an intrahepatic bile duct primary only)

- 70 Total hepatectomy WITH transplant
A liver transplant must also be coded under the data item "Reconstruction - First Course".

- 80 Hepatectomy, NOS

- 90 Surgery, NOS

- 99 Unknown if cancer-directed surgery performed; death certificate only

LIVER and INTRAHEPATIC BILE DUCTS

SCOPE OF REGIONAL LYMPH NODE SURGERY

Regional lymph nodes are the hilar nodes...:

- ...along the portal vein
- ...along the inferior vena cava
- ...along the proper hepatic artery
- ...at the hepatic pedicle

- 0** No regional lymph nodes removed
- 1** Regional lymph node(s) removed, NOS
- 9** Unknown; not stated; death certificate only

SURGERY OF OTHER REGIONAL SITES, DISTANT SITES OR DISTANT LYMPH NODES

- 0** None; no surgery to other regional or distant sites
- 1** Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2** Other regional sites
 - 3** Distant lymph node(s) (includes inferior phrenic lymph nodes)
 - 4** Distant site(s)
 - 5** Combination of **4** WITH **2** or **3**
- 9** Unknown; not stated; death certificate only

RECONSTRUCTION - FIRST COURSE

- 0** No reconstruction / restoration
- 1** Rioux-en-Y; hepatojejunostomy including stent
- 2** Liver transplant
- 9** Unknown; not stated; death certificate only

PANCREAS

C25.0 - C25.9

SURGERY OF PRIMARY SITE

- 00** None; no cancer-directed surgery of primary site

- 10** Local excision of tumor, NOS

- 20** Partial pancreatectomy, NOS

- 40** Total pancreatectomy

- 50** Local or partial pancreatectomy and duodenectomy
 - 51** Without subtotal gastrectomy
 - 52** With subtotal gastrectomy (Whipple)

- 60** Total pancreatectomy and subtotal gastrectomy or duodenectomy

- 70** Extended pancreatoduodenectomy

- 80** Pancreatectomy, NOS

- 90** Surgery, NOS

- 99** Unknown if cancer-directed surgery performed; death certificate only

PANCREAS

SCOPE OF REGIONAL LYMPH NODE SURGERY

The regional lymph nodes are:

- Celiac (**head only**)
- Hepatic artery
- Infrapyloric (**head only**)
- Lateral aortic
- Pancreaticocolic (**body and tail only**)
- Peripancreatic (superior, inferior, anterior, posterior splenic)
- Retroperitoneal
- Splenic (**body and tail only**)
- Subpyloric (**head only**)
- Superior mesenteric

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS
- 2 Extended lymphadenectomy
An extended pancreaticoduodenectomy incorporates selected aspects of the Whipple procedure and regional pancreatectomy. A wide Kocher maneuver removes all lymphatic tissue over the medial aspect of the right kidney, inferior vena cava, and left renal vein.
- 9 Unknown; not stated; death certificate only

SURGERY OF OTHER REGIONAL SITES, DISTANT SITES OR DISTANT LYMPH NODE(S)

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
- 2 Removal of other regional sites, ONLY
- 3 Removal of distant node(s)
- 4 Removal of distant site
- 5 Combination of 2 WITH 3 and/or 4
- 9 Unknown; not stated; death certificate only

RECONSTRUCTION - FIRST COURSE

Use the following code only:

- 9 Not applicable (There are no known reconstructive procedures for this site.)

LARYNX

C32.0 - C32.9

SURGERY OF PRIMARY SITE

00 None; no cancer-directed surgery of primary site

10 Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)

11 Photodynamic therapy (PDT)

12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)

13 Cryosurgery

14 Laser

15 Stripping

No specimen sent to pathology from this surgical event.

20 Local tumor excision, NOS (**WITH PATHOLOGY SPECIMEN**)

21 Photodynamic therapy (PDT)

22 Electrocautery

23 Cryosurgery

24 Laser ablation

25 Laser excision

26 Polypectomy

27 Excisional biopsy

28 Stripping

Specimen sent to pathology from this surgical event.

30 Partial excision of the primary site, NOS; subtotal/partial laryngectomy, NOS; hemilaryngectomy, NOS

31 Vertical laryngectomy

32 Anterior commissure laryngectomy

33 Supraglottic laryngectomy

40 Total or radical laryngectomy, NOS

41 Total laryngectomy ONLY

42 Radical laryngectomy ONLY

50 Pharyngolaryngectomy

80 Laryngectomy, NOS

90 Surgery, NOS

99 Unknown if cancer-directed surgery performed; death certificate only

LARYNX**SCOPE OF REGIONAL LYMPH NODE SURGERY****The regional cervical lymph nodes are:**

Buccal (facial)
 Caudal jugular (deep cervical)
 Cranial jugular (deep cervical)
 Dorsal cervical (superficial cervical)
 Medial jugular (deep cervical)
 Occipital
 Paratracheal (anterior cervical)
 Parotid
 Prelaryngeal (anterior cervical)
 Retroauricular (mastoid, posterior auricular)
 Retropharyngeal
 Submandibular (submaxillary)
 Submental
 Supraclavicular

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS
 - 2 Neck dissection, NOS
 - 3 Selective, limited; nodal sampling; “berry picking”
 - 4 Modified / modified radical
 - 5 Radical
- 9 Unknown; not stated; death certificate only

Terminology of neck dissection (Robbins et al. 1991):

A radical neck dissection includes the removal of all ipsilateral cervical lymph node groups, i.e., lymph nodes from levels I through V (submental, submandibular, cranial jugular, medial jugular, caudal jugular, dorsal cervical nodes along the accessory nerve, and supraclavicular), and removal of the spinal accessory nerve, internal jugular vein and sternocleidomastoid muscle.

In a modified radical neck dissection, the same lymph nodes are removed as in a radical neck dissection; however, one or more non-lymphatic structures are preserved.

A selective neck dissection is a neck dissection with preservation of one or more lymph node groups routinely removed in radical neck dissection.

LARYNX

SURGERY OF OTHER REGIONAL SITES, DISTANT SITES OR DISTANT LYMPH NODES

- 0** None; no surgery to other regional or distant sites
- 1** Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2** Other regional sites
 - 3** Distant lymph node(s)
 - 4** Distant site(s)
 - 5** Combination of **4** WITH **2** or **3**
- 9** Unknown; not stated; death certificate only

RECONSTRUCTION - FIRST COURSE

- 0** No reconstruction / restoration
- 1** Flaps, grafts, any type of "...plasty," NOS
 - 2** WITHOUT implant / prosthesis
 - 3** WITH implant / prosthesis
- 8** Reconstruction / restoration recommended, unknown if performed
- 9** Unknown; not stated; death certificate only

LUNG

C34.0 - C34.9

SURGERY OF PRIMARY SITE

- 00 None; no cancer-directed surgery of primary site

- 10 Local tumor destruction or excision, NOS; Photodynamic therapy (PDT)
 - 11 Excision
 - 12 Laser ablation or excision
 - 13 Cautery; fulguration
 - 14 Bronchial sleeve resection ONLY

- 20 Resection of less than one lobe
 - 21 Wedge resection
 - 22 Segmental resection, including lingulectomy

- 30 Resection of at least one lobe, but less than the whole lung (partial pneumonectomy, NOS)
 - 31 Lobectomy
 - 32 Bilobectomy

Procedures coded 40 include, but are not limited to:

- Complete pneumonectomy
 - Pneumonectomy, NOS
 - Sleeve pneumonectomy
 - Standard pneumonectomy
 - Total pneumonectomy
- 40 Resection of whole lung

 - 50 Resection of lung WITH an en bloc resection of other organs
 - 51 Wedge resection
 - 52 Lobectomy
 - 53 Bilobectomy
 - 54 Pneumonectomy (less than a radical or extended pneumonectomy)
- En bloc resection is the removal of organs in one piece at one time.**
-
- 60 Radical pneumonectomy (a complete pneumonectomy WITH removal of mediastinal lymph nodes)
- Removal of mediastinal nodes is also coded in the data fields “Scope of Regional Lymph Node Surgery” and “Number of Regional Nodes Removed.”**

LUNG

SURGERY OF PRIMARY SITE (cont.)

70 Extended radical pneumonectomy [a radical pneumonectomy (including removal of mediastinal nodes) and the removal of other tissues or nodes]

Removal of mediastinal nodes is also coded in the data fields “Scope of Regional Lymph Node Surgery” and “Number of Regional Nodes Removed.”

80 Resection of lung, NOS

90 Surgery, NOS

99 Unknown if cancer-directed surgery performed; death certificate only

SCOPE OF REGIONAL LYMPH NODE SURGERY

Mediastinal nodes are:

Aortic (includes subaortic, aorticopulmonary window, periaortic, including ascending aorta or including azygos)

Periesophageal

Peritracheal (including those that may be designated tracheobronchial, i.e., lower peritracheal, phrenic)

Pre- and retrotracheal (includes precarinal)

Pulmonary ligament

Subcarinal

0 No regional lymph nodes removed

1 Regional lymph node(s) removed, NOS

2 Intrapulmonary (includes interlobar, lobar, segmental), ipsilateral hilar and/or ipsilateral peribronchial nodes

3 Ipsilateral mediastinal and/or subcarinal nodes

4 Combination of **2** and **3**

5 Contralateral mediastinal, contralateral hilar, ipsilateral or contralateral scalene and/or supraclavicular nodes

6 Combination of **5** WITH **2** or **3**

9 Unknown; not stated; death certificate only

LUNG

SURGERY OF OTHER REGIONAL SITES, DISTANT SITES OR DISTANT LYMPH NODES

Do not code the incidental removal of ribs (ribs are removed to provide access to the lung).

- 0 None; no surgery to other regional sites, distant sites or distant lymph nodes
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
- 2 Surgery to a regional site ONLY
 - 3 Removal of a solitary lesion in the same lung (primary site), different (non-primary) lobe
There is one primary: Patient has two tumors with the same histology in different lobes of the same lung.
 - 4 Resection of metastasis in a distant site(s) or resection of distant lymph nodes(s), NOS
 - 5 Removal of a solitary lesion in the contralateral lung
Patient has one primary: There is a primary tumor or tumor(s) in one lung and a solitary metastatic lesion in the contralateral lung.
 - 6 Removal of a solitary lesion in a distant site or a distant lymph node, NOS
This includes, but is not limited to, the removal of a solitary metastatic brain lesion.
 - 7 Removal of multiple lesions in distant site(s)
- 9 Unknown; not stated; death certificate only

RECONSTRUCTION - FIRST COURSE

- 0 No reconstruction / restoration
- 1 Chest wall reconstruction / restoration, NOS
- 9 Unknown; not stated; death certificate only

BONES, JOINTS, CARTILAGE, NERVES, OTHER CONNECTIVE and SOFT TISSUES

C40.0 - C40.9, C41.0 - C41.9	Bones, Joints, and Articular Cartilage
C47.0 - C47.9	Peripheral Nerves and Autonomic Nervous System
C49.0 - C49.9	Connective, Subcutaneous and Other Soft Tissues

SURGERY OF PRIMARY SITE

- 00** None; no cancer-directed surgery of primary site

- 10** Local tumor destruction or excision

- 20** Partial resection / internal hemipelvectomy (pelvis)

- 30** Radical excision or resection of lesion with limb salvage

- 40** Amputation of limb
 - 41** Partial amputation of limb
 - 42** Total amputation of limb

- 50** Major amputation, NOS
 - 51** Forequarter, including scapula
 - 52** Hindquarter, including ilium/hip bone
 - 53** Hemipelvectomy

- 90** Surgery, NOS

- 99** Unknown if cancer-directed surgery performed; death certificate only

SCOPE OF REGIONAL LYMPH NODE SURGERY

- 0** No regional lymph nodes removed

- 1** Regional lymph node(s) removed, NOS

- 9** Unknown; not stated; death certificate only

BONES, JOINTS, CARTILAGE, NERVES, OTHER CONNECTIVE and SOFT TISSUES

SURGERY OF OTHER REGIONAL SITES, DISTANT SITES OR DISTANT LYMPH NODES

- 0** None; no surgery to other regional or distant sites
- 1** Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2** Other regional site(s)
 - 5** Distant lymph node(s)
 - 6** Distant site(s)
 - 7** Combination of **6** WITH **2** or **5**
- 9** Unknown; not stated; death certificate only

RECONSTRUCTION - FIRST COURSE

- 0** No reconstruction / restoration
- 1** Flap; graft; any type of "...plasty," NOS
 - 2** WITHOUT implant / prosthesis
 - 3** WITH implant / prosthesis
- 8** Reconstruction / restoration recommended, unknown if performed
- 9** Unknown; not stated; death certificate only

SPLEEN and LYMPH NODES

C42.2, C77.0 - C77.9

SURGERY OF PRIMARY SITE

- 00** None; no cancer-directed surgery of primary site

- 10** Local excision or destruction, NOS;
Lymph node biopsy that is not an excision of a full node chain (for lymph node primaries)

- 20** Splenectomy, NOS (for spleen primaries only)
 - 21** Partial splenectomy
 - 22** Total splenectomy

- 30** Lymph node dissection, NOS (for lymph node primaries only)
 - 31** One chain
 - 32** Two or more chains

- 40** Lymph node dissection, NOS plus splenectomy
 - 41** One chain
 - 42** Two or more chains

- 50** Lymph node dissection, NOS and partial / total removal of adjacent organ(s)
 - 51** One chain
 - 52** Two or more chains

- 60** Lymph node dissection, NOS and partial / total removal of adjacent organ(s) PLUS splenectomy;
Staging laparotomy (for lymph node primaries)
 - 61** One chain
 - 62** Two or more chains

- 90** Surgery, NOS

- 99** Unknown if cancer-directed surgery performed; death certificate only

SPLEEN and LYMPH NODES

SCOPE OF REGIONAL LYMPH NODE SURGERY

For lymph node primary sites, use code 9 only.

For spleen primaries, use codes 0, 1 or 9:

- 0** No regional lymph nodes removed
- 1** Regional lymph node(s) removed, NOS
- 9** Unknown; not stated; death certificate only

SURGERY OF OTHER REGIONAL SITES, DISTANT SITES OR DISTANT LYMPH NODES

- 0** None; no surgery to other regional or distant sites
- 1** Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2** Other regional site(s)
 - 5** Distant lymph node(s)
 - 6** Distant site(s)
 - 7** Combination of **6** WITH **2** or **5**
- 9** Unknown; not stated; death certificate only

RECONSTRUCTION - FIRST COURSE

Use the following code only:

- 9** Not applicable (At this time, reconstructive procedures are not being collected for these sites.)

SKIN

C44.0 - C44.9

SURGERY OF PRIMARY SITE

00 None; no cancer-directed surgery of primary site

10 Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)

11 Photodynamic therapy (PDT)

12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)

13 Cryosurgery

14 Laser ablation

No specimen sent to pathology from this surgical event.

20 Local tumor excision, NOS (**WITH PATHOLOGY SPECIMEN**)

21 Photodynamic therapy (PDT)

22 Electrocautery

23 Cryosurgery

24 Laser ablation

25 Laser excision

26 Polypectomy

27 Excisional biopsy

Specimen sent to pathology from this surgical event.

30 Biopsy of primary tumor followed by a gross excision of the lesion

31 Shave biopsy followed by a gross excision of the lesion; Mohs' surgery

32 Punch biopsy followed by a gross excision of the lesion

33 Incisional biopsy followed by a gross excision of the lesion

Less than a wide excision, less than 1 cm margin.

40 Wide excision or re-excision of lesion or minor (local) amputation, NOS

Margins of excision are 1 cm or more. Margins may be microscopically involved.

Local amputation is the surgical resection of digits, ear, eyelid, lip, or nose.

50 Radical excision of a lesion, NOS

Margins of excision are greater than 1 cm and grossly tumor-free. The margins may be microscopically involved.

60 Major amputation, NOS

90 Surgery, NOS

99 Unknown if cancer-directed surgery performed; death certificate only

SKIN**SCOPE OF REGIONAL LYMPH NODE SURGERY**

Regional lymph nodes are different for each anatomical subsite.

Head and neck

Cervical
Ipsilateral preauricular
Submandibular
Supraclavicular

Arm

Ipsilateral epitrochlear and axillary

Anal margin and perianal skin

Ipsilateral inguinal

Abdomen, loins, buttocks

Ipsilateral inguinal

Leg

Ipsilateral inguinal and popliteal

Thorax

Ipsilateral axillary

There are boundary zones between the subsites (i.e., between the thorax and arm, the boundary zone is the shoulder and axilla). The boundary zones do not belong to either subsite. **If a tumor originates in one of these 4-cm boundary zones, the nodes on either side of the bands are regional.**

Between the subsites "Head and neck" and "Thorax", the boundary zone is "clavícula-acromion-upper shoulder blade edge".

Between the subsites "Thorax" and "Arm", the boundary zone is "shoulder-axilla-shoulder".

Between the subsites "Thorax" and "Abdomen, loins, and buttocks", the boundary zones are "middle between navel and costal arch" in the front, and "lower border of thoracic vertebrae (midtransverse axis)" in the back.

Between the subsites "Abdomen, loins, and buttocks" and "Leg", the boundary zone is "groin-trochanter-gluteal sulcus".

Between right and left sides, the boundary zone is the midline.

Iliac, other pelvic, abdominal or intrathoracic lymph nodes are DISTANT. Code the removal of these nodes under the data item "Surgery of Other Regional Sites, Distant Sites or Distant Lymph Nodes."

- 0 No regional lymph nodes removed
- 1 Sentinel node, NOS (the first node to receive drainage from a primary tumor, identified by an injection of a dye or radio label at the site of the primary tumor)
- 2 Regional lymph nodes removed, NOS
- 9 Unknown; not stated; death certificate only

SKIN

SURGERY OF OTHER REGIONAL SITES, DISTANT SITES OR DISTANT LYMPH NODES

- 0** None; no surgery to other regional or distant sites
- 1** Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2** Other regional sites
 - 3** Distant lymph node(s)
 - 4** Distant site(s)
 - 5** Combination of **4** WITH **2** or **3**
- 9** Unknown; not stated; death certificate only

RECONSTRUCTION - FIRST COURSE

- 0** No reconstruction / restoration
- 1** Pedicle flap, free flap, skin graft, NOS
- 8** Reconstruction / restoration recommended, unknown if performed
- 9** Unknown; not stated; death certificate only

BREAST**C50.0 - C50.9****SURGERY OF PRIMARY SITE**

00 None; no cancer-directed surgery of primary site

Procedures coded as **10-17** remove the gross primary tumor and some of the breast tissue (breast-conserving or breast-preserving). There may be microscopic residual tumor.

10 Partial mastectomy, NOS; less than total mastectomy, NOS

- 11** Nipple resection
- 12** Lumpectomy or excisional biopsy
- 13** Re-excision of the biopsy site for gross or microscopic residual disease.
- 14** Wedge resection
- 15** Quadrantectomy
- 16** Segmental mastectomy
- 17** Tylectomy

30 Subcutaneous mastectomy (the removal of breast tissue without the nipple and areolar complex or overlying skin)

This procedure is rarely performed to treat malignancies.

40 Total (simple) mastectomy, NOS

- 41** WITHOUT removal of uninvolved contralateral breast
- 42** WITH removal of uninvolved contralateral breast

A simple mastectomy removes all breast tissue, the nipple, and areolar complex. An axillary dissection is not done.

For single primaries only, code removal of **involved contralateral breast** under the data item "Surgery of Other Regional Sites, Distant Sites or Distant Lymph Nodes."

50 Modified radical mastectomy

- 51** WITHOUT removal of uninvolved contralateral breast
- 52** WITH removal of uninvolved contralateral breast

Modified radical mastectomy removes all breast tissue, the nipple, the areolar complex, and variable amounts of breast skin. The procedure involves an en bloc resection of the axilla. The specimen may or may not include a portion of the pectoralis major muscle; includes an en bloc axillary dissection.

For single primaries only, code removal of **involved contralateral breast** under the data item "Surgery of Other Regional Sites, Distant Sites or Distant Lymph Nodes."

BREAST**SURGERY OF PRIMARY SITE** (cont.)**60** Radical mastectomy, NOS**61** WITHOUT removal of uninvolved contralateral breast**62** WITH removal of uninvolved contralateral breast

Radical mastectomy is the removal of breast tissue, nipple, areolar complex, a variable amount of skin, pectoralis minor, and pectoralis major; includes an en bloc axillary dissection.

For single primaries only, code removal of **involved contralateral breast** under the data item "Surgery of Other Regional Sites, Distant Sites or Distant Lymph Nodes."

70 Extended radical mastectomy**71** WITHOUT removal of uninvolved contralateral breast**72** WITH removal of uninvolved contralateral breast

Extended radical mastectomy is the removal of breast tissue, nipple, areolar complex, variable amounts of skin, pectoralis minor, and pectoralis major; includes removal of internal mammary nodes and an en bloc axillary dissection.

For single primaries only, code removal of **involved contralateral breast** under the data item "Surgery of Other Regional Sites, Distant Sites or Distant Lymph Nodes."

80 Mastectomy, NOS**90** Surgery, NOS**99** Unknown if cancer-directed surgery performed; death certificate only**SCOPE OF REGIONAL LYMPH NODE SURGERY****0** No regional lymph nodes removed**1** Sentinel lymph node(s) removed (the first node to receive drainage from a primary tumor, identified by an injection of a dye or radio label at the site of the primary tumor)**2** Regional lymph node(s) removed, NOS; axillary, NOS (Levels I, II, or III lymph nodes); intramammary, NOS**3** Combination of **1** and **2****4** Internal mammary**5** Combination of **4** WITH any of **1-3****9** Unknown; not stated; death certificate only

BREAST

SURGERY OF OTHER REGIONAL SITES, DISTANT SITES OR DISTANT LYMPH NODES

Do not code removal of fragments or tags of muscles; removal of the pectoralis minor; the resection of pectoralis muscles, NOS; or the resection of fascia with no mention of muscle.

- 0** None; no surgery to other regional or distant sites
- 1** Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2** Other regional site(s)
 - 3** Distant lymph node(s)
 - 4** Distant site(s)
 - 5** Removal of involved contralateral breast (single primary only)
 - 6** Combination of **4** or **5** WITH **2** or **3**
- 9** Unknown; not stated; death certificate only

RECONSTRUCTION - FIRST COURSE

(The insertion of a tissue expander is often the beginning of the reconstructive procedure.)

- 0** No reconstruction / restoration
- 1** Reconstruction, NOS (unknown if flap)
 - 2** Implant; reconstruction WITHOUT flap
 - 3** Reconstruction WITH flap, NOS
 - 4** Latissimus dorsi flap
 - 5** Abdominus recti flap
 - 6** Flap, NOS + implant
 - 7** Latissimus dorsi flap + implant
 - 8** Abdominus recti + implant
- 9** Unknown; not stated; death certificate only

CERVIX UTERI

C53.0 - C53.9

SURGERY OF PRIMARY SITE

For **invasive** cancers, dilation (dilatation) and curettage is coded as an incisional biopsy (02) under the data item “Non Cancer-Directed Surgery.”

00 None; no cancer-directed surgery of primary site

10 Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)

11 Photodynamic therapy (PDT)

12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)

13 Cryosurgery

14 Laser

15 LEEP

No specimen sent to pathology from this surgical event.

20 Local tumor destruction or excision, NOS (**WITH PATHOLOGY SPECIMEN**)

21 Electrocautery

22 Cryosurgery

23 Laser

24 Cone biopsy WITH gross excision of lesion

25 Dilation (dilatation) and curettage; endocervical curettage (cancer-directed for in situ only)

26 Excisional biopsy, NOS

27 Cone biopsy

28 LEEP

29 Trachelectomy; removal of cervical stump; cervicectomy

Specimen sent to pathology from this surgical event.

30 Total hysterectomy (simple, pan-) WITHOUT removal of tubes and ovaries

Total hysterectomy removes both the corpus and cervix uteri and may also include a portion of vaginal cuff.

40 Total hysterectomy (simple, pan-) WITH removal of tubes or ovary

Total hysterectomy removes both the corpus and cervix uteri and may also include a portion of vaginal cuff.

50 Modified radical or extended hysterectomy; radical hysterectomy; extended radical hysterectomy

51 Modified radical hysterectomy

52 Extended hysterectomy

53 Radical hysterectomy; Wertheim’s procedure

54 Extended radical hysterectomy

60 Hysterectomy, NOS, WITH or WITHOUT removal of tubes and ovaries

61 WITHOUT removal of tubes and ovaries

62 WITH removal of tubes and ovaries

CERVIX UTERI

SURGERY OF PRIMARY SITE (cont.)

70 Pelvic exenteration

71 Anterior exenteration (includes bladder, distal ureters, and genital organs WITH their ligamentous attachments and pelvic lymph nodes)

The removal of pelvic lymph nodes is also coded under the data item “Surgery of Other Regional Sites, Distant Sites or Distant Lymph Nodes.”

72 Posterior exenteration (includes rectum and rectosigmoid WITH ligamentous attachments and pelvic lymph nodes)

The removal of pelvic lymph nodes is also coded under the data item “Surgery of Other Regional Sites, Distant Sites or Distant Lymph Nodes.”

73 Total exenteration (includes removal of all pelvic contents and pelvic lymph nodes)

The removal of pelvic lymph nodes is also coded under the data item “Surgery of Other Regional Sites, Distant Sites or Distant Lymph Nodes.”

74 Extended exenteration (includes pelvic blood vessels or bony pelvis)

90 Surgery, NOS

99 Unknown if cancer-directed surgery performed; death certificate only

SCOPE OF REGIONAL LYMPH NODE SURGERY

The regional lymph nodes are:

Common iliac

External iliac

Hypogastric (obturator)

Internal iliac

Paracervical

Parametrial

Presacral

Sacral

0 No regional lymph nodes removed

1 Regional lymph node(s) removed, NOS

9 Unknown; not stated; death certificate only

CERVIX UTERI

SURGERY OF OTHER REGIONAL SITES, DISTANT SITES OR DISTANT LYMPH NODES

Do not code the incidental removal of the appendix. **Do not code** an omentectomy **IF** it was the only surgery performed in addition to hysterectomy. (Incidental removal is when an organ is removed for a reason unrelated to the malignancy.)

- 0** None; no surgery to other regional or distant sites
- 1** Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2** Other regional site(s)
 - 3** Distant lymph node(s), NOS
 - 4** Periaortic lymph nodes
 - 5** Distant site(s)
 - 6** Combinations of **5** WITH **4**
 - 7** Combination of **5** WITH **2** or **3**
- 9** Unknown; not stated; death certificate only

RECONSTRUCTION - FIRST COURSE

- 0** No reconstruction / restoration
- 1** Vaginal reconstruction
- 2** Urinary reconstruction
- 3** Bowel reconstruction / restoration
 - 4** Combination of **3** WITH **1** or **2**
- 8** Reconstruction / restoration recommended, unknown if performed
- 9** Unknown; not stated; death certificate only

CORPUS UTERI

C54.0 - C54.9, C55.9

SURGERY OF PRIMARY SITE

For **invasive** cancers, dilation (dilatation) and curettage is coded as an incisional biopsy (02) under the data item “Non Cancer-Directed Surgery.”

- 00 None; no cancer-directed surgery of primary site

- 10 Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)
 - 11 Photodynamic therapy (PDT)
 - 12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)
 - 13 Cryosurgery
 - 14 Laser
 - 15 LEEP

No specimen sent to pathology from this surgical event.

Procedures in code 20 include, but are not limited to:

- Cryosurgery
- Electrocautery
- Excisional biopsy
- Laser ablation
- Thermal ablation

- 20 Local tumor destruction or excision, NOS; simple excision, NOS (**WITH PATHOLOGY SPECIMEN**)
 - 21 Electrocautery
 - 22 Cryosurgery
 - 23 Laser
 - 24 Excisional biopsy
 - 25 Polypectomy
 - 26 Myomectomy

Specimen sent to pathology from this surgical event.

Margins of resection may have microscopic involvement.

- 30 Subtotal hysterectomy / supracervical hysterectomy / fundectomy WITH or WITHOUT removal of tube(s) and ovary(ies).
 - 31 WITHOUT tube(s) and ovary (ies)
 - 32 WITH tube(s) and ovary (ies)

Cervix is left in place.

- 40 Total hysterectomy (simple, pan-) WITHOUT removal of tube(s) and ovary (ies)

Total hysterectomy removes both the corpus and cervix uteri. It may also include a portion of the vaginal cuff.

- 50 Total hysterectomy (simple, pan-) WITH removal of tube(s) or ovary (ies)

Total hysterectomy removes both the corpus and cervix uteri. It may also include a portion of the vaginal cuff.

CORPUS UTERI

SURGERY OF PRIMARY SITE

- 60** Modified radical or extended hysterectomy; radical hysterectomy; extended radical hysterectomy
- 61** Modified radical hysterectomy
- 62** Extended hysterectomy
- 63** Radical hysterectomy; Wertheim's procedure
- 64** Extended radical hysterectomy
- 70** Hysterectomy, NOS, WITH or WITHOUT removal of tube(s) and ovary(ies)
- 71** WITHOUT removal of tube(s) and ovary(ies)
- 72** WITH removal of tube(s) and ovary(ies)
- 80** Pelvic exenteration
- 81** Anterior exenteration (includes bladder, distal ureters, and genital organs WITH their ligamentous attachments and pelvic lymph nodes)
- The removal of pelvic lymph nodes is also coded under the data item "Surgery of Other Regional Sites, Distant Sites or Distant Lymph Nodes."**
- 82** Posterior exenteration (includes rectum and rectosigmoid WITH ligamentous attachments and pelvic lymph nodes)
- The removal of pelvic lymph nodes is also coded under the data item "Surgery of Other Regional Sites, Distant Sites or Distant Lymph Nodes."**
- 83** Total exenteration (includes removal of all pelvic contents and pelvic lymph nodes)
- The removal of pelvic lymph nodes is also coded under the data item "Surgery of Other Regional Sites, Distant Sites or Distant Lymph Nodes."**
- 84** Extended exenteration (includes pelvic blood vessels or bony pelvis)
- 90** Surgery, NOS
- 99** Unknown if cancer-directed surgery performed; death certificate only

SCOPE OF REGIONAL LYMPH NODE SURGERY

The regional lymph nodes are:

Common iliac and external iliac
 Hypogastric (obturator)
 Para aortic
 Parametrial
 Sacral

- 0** No regional lymph nodes removed
- 1** Regional lymph node(s) removed, NOS
- 2** Paraortic WITH or WITHOUT other regional lymph nodes
- 9** Unknown; not stated; death certificate only

CORPUS UTERI

SURGERY OF OTHER REGIONAL SITES, DISTANT SITES OR DISTANT LYMPH NODES

Do not code the incidental removal of the appendix. **Do not code** an omentectomy **IF** it was the only surgery performed in addition to hysterectomy. [Incidental removal is when an organ is removed for a reason unrelated to the malignancy.]

- 0** None; no surgery to other regional or distant sites
- 1** Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2** Other regional site(s)
 - 3** Distant lymph node(s)
 - 4** Distant site(s)
 - 5** Combination of **4** WITH **2** or **3**
- 9** Unknown; not stated; death certificate only

RECONSTRUCTION - FIRST COURSE

- 0** No reconstruction / restoration
- 1** Vaginal reconstruction
- 2** Urinary reconstruction
- 3** Bowel reconstruction / restoration
- 4** Combination of **3** WITH **1** or **2**
- 8** Reconstruction / restoration recommended, unknown if performed
- 9** Unknown; not stated; death certificate only

OVARY**C56.9****SURGERY OF PRIMARY SITE**

- 00 None; no cancer-directed surgery of primary site
- 10 Total removal of tumor or (single) ovary, NOS
 - 11 Resection of ovary (wedge, subtotal, or partial) ONLY, NOS; unknown if hysterectomy done
 - 12 WITHOUT hysterectomy
 - 13 WITH hysterectomy
 - 14 Unilateral (salpingo-) oophorectomy; unknown if hysterectomy done
 - 15 WITHOUT hysterectomy
 - 16 WITH hysterectomy
- 20 Bilateral (salpingo-)oophorectomy; unknown if hysterectomy done
 - 21 WITHOUT hysterectomy
 - 22 WITH hysterectomy
- 30 Unilateral or bilateral (salpingo-) oophorectomy **WITH OMENTECTOMY**, NOS; partial or total; unknown if hysterectomy done
 - 31 WITHOUT hysterectomy
 - 32 WITH hysterectomy
- 60 Debulking; cytoreductive surgery, NOS
 - 61 WITH colon (including appendix) and/or small intestine resection (not incidental)
 - 62 WITH partial resection of urinary tract (not incidental)
 - 63 Combination of 61 and 62

Debulking is a partial removal of the tumor mass and can involve the removal of multiple organ sites. It may include removal of ovaries and/or the uterus (a hysterectomy). The pathology report may or may not identify ovarian tissue. A debulking is usually followed by another treatment modality, such as chemotherapy.

- 70 Pelvic exenteration, NOS
 - 71 Anterior (includes bladder, distal ureters, and genital organs WITH their ligamentous attachments and pelvic lymph nodes)
The removal of pelvic lymph nodes is also coded under the data item “Surgery of Other Regional Sites, Distant Sites or Distant Lymph Nodes.”
 - 72 Posterior (includes rectum and rectosigmoid WITH ligamentous attachments and pelvic lymph nodes)
The removal of pelvic lymph nodes is also coded under the data item “Surgery of Other Regional Sites, Distant Sites or Distant Lymph Nodes.”
 - 73 Total (includes removal of all pelvic contents and pelvic lymph nodes)
The removal of pelvic lymph nodes is also coded under the data item “Surgery of Other Regional Sites, Distant Sites or Distant Lymph Nodes.”
 - 74 Extended (includes pelvic blood vessels or bony pelvis)
- 80 (Salpingo-) oophorectomy, NOS
- 90 Surgery, NOS
- 99 Unknown if cancer-directed surgery performed; death certificate only

OVARY

SCOPE OF REGIONAL LYMPH NODE SURGERY

The regional lymph nodes are:

- Common iliac
- External iliac
- Hypogastric (obturator)
- Inguinal
- Lateral sacral
- Paraaortic
- Pelvic, NOS
- Retroperitoneal, NOS

- 0** No regional lymph nodes removed
- 1** Regional lymph node(s) removed, NOS
- 9** Unknown; not stated; death certificate only

SURGERY OF OTHER REGIONAL SITES, DISTANT SITES OR DISTANT LYMPH NODES

Do not code an incidental removal of the appendix. (Incidental removal is when an organ is removed for a reason unrelated to the malignancy.)

- 0** None; no surgery to other regional or distant sites
- 1** Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2** Other regional site(s)
 - 3** Distant lymph node(s)
 - 4** Distant site(s)
 - 5** Combination of **4** WITH **2** or **3**
- 9** Unknown; not stated; death certificate only

RECONSTRUCTION - FIRST COURSE

- 0** No reconstruction / restoration
- 1** Urinary reconstruction
- 2** Bowel reconstruction / restoration
- 3** Combination of **1** and **2**
- 8** Reconstruction / restoration recommended, unknown if performed
- 9** Unknown; not stated; death certificate only

PROSTATE**C61.9****SURGERY OF PRIMARY SITE**

Do not code an orchiectomy in this field. For prostate primaries, orchiectomies are coded in the field “Hormone Therapy.”

00 None; no cancer-directed surgery of primary site

10 Local tumor destruction or excision, NOS

11 Transurethral resection (TURP), NOS

12 TURP - cancer is incidental finding during surgery for benign disease

13 TURP - patient had suspected/known cancer

14 Cryoprostatectomy

15 Laser

16 Hyperthermia

17 Other method of local resection or destruction

30 Subtotal or simple prostatectomy, NOS (a segmental resection or enucleation leaving the capsule intact)

40 Less than total prostatectomy, NOS (an enucleation using an instrument such as a Vaprotrode which may leave all or part of the capsule intact)

50 Radical prostatectomy, NOS

Total prostatectomy, NOS

These procedures include excision of prostate, prostatic capsule, ejaculatory ducts, seminal vesicle(s), and may include a narrow cuff of bladder neck.

70 Prostatectomy WITH en bloc resection of other organs; pelvic exenteration

Surgeries coded **70** are any prostatectomy WITH an en bloc resection of any other organs. The other organs may be partially or totally removed. En bloc resection is the removal of organs in one piece at one time. Procedures that may involve an en bloc resection include, but are not limited to: cystoprostatectomy, radical cystectomy, prostatectomy.

80 Prostatectomy, NOS

90 Surgery, NOS

99 Unknown if cancer-directed surgery performed; death certificate only

PROSTATE**SCOPE OF REGIONAL LYMPH NODE SURGERY****The regional lymph nodes are:**

- Hypogastric
- Iliac, NOS (internal and external)
- Obturator
- Pelvic, NOS
- Periprostatic
- Sacral, NOS (lateral presacral, promontory [Gerota's] or NOS)

- 0** No regional lymph nodes removed
- 1** Regional lymph node(s) removed, NOS
- 9** Unknown; not stated; death certificate only

SURGERY OF OTHER REGIONAL SITES, DISTANT SITES OR DISTANT LYMPH NODES

Do not code orchiectomy here. For prostate primaries, code orchiectomies under “Hormone Therapy.”

The most commonly removed **distant** lymph nodes are: aortic (para-aortic, peri-aortic, lumbar); common iliac; inguinal; superficial inguinal (femoral); supraclavicular; cervical; and scalene.

- 0** None; no surgery to other regional or distant sites
- 1** Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2** Other regional site(s)
 - 3** Distant lymph node(s)
 - 4** Distant site(s)
 - 5** Combination of **4** WITH **2** or **3**
- 9** Unknown; not stated; death certificate only

RECONSTRUCTION - FIRST COURSE

- 0** No reconstruction / restoration
- 1** Reconstruction / restoration, NOS
 - 2** Collagen injection for incontinence
 - 3** Penile prosthesis
 - 4** Artificial urinary sphincter
 - 5** Combinations of **4** WITH **2** or **3**
- 9** Unknown; not stated; death certificate only

TESTIS

C62.0 - C62.9

SURGERY OF PRIMARY SITE

- 00 None; no cancer-directed surgery of primary site
- 10 Local or partial excision of testicle
- 30 Excision of testicle, NOS WITHOUT cord
- 40 Excision of testicle, NOS WITH cord, /or cord not mentioned
- 80 Orchiectomy, NOS
- 90 Surgery, NOS
- 99 Unknown if cancer-directed surgery performed; death certificate only

SCOPE OF REGIONAL LYMPH NODE SURGERY

The regional lymph nodes are:

- Interaortocaval
- Paraaortic (Periaortic)
- Paracaval
- Preaortic
- Precaval
- Retroaortic
- Retrocaval

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS; not stated if bilateral or unilateral
 - 2 Unilateral regional lymph nodes
 - 3 Bilateral regional lymph nodes
- 9 Unknown; not stated; death certificate only

TESTIS

SURGERY OF OTHER REGIONAL SITES, DISTANT SITES OR DISTANT LYMPH NODES

- 0** None; no surgery to other regional or distant sites
- 1** Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2** Other regional sites
 - 3** Distant lymph node(s)
 - 4** Distant site(s)
 - 5** Combination of **4** WITH **2** or **3**
- 9** Unknown; not stated; death certificate only

RECONSTRUCTION - FIRST COURSE

- 0** No reconstruction / restoration
- 1** Testicular implant
- 8** Reconstruction / restoration recommended, unknown if performed
- 9** Unknown; not stated; death certificate only

KIDNEY, RENAL PELVIS, and URETER

C64.9, C65.9, C66.9

SURGERY OF PRIMARY SITE

00 None; no cancer-directed surgery of primary site

10 Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)

11 Photodynamic therapy (PDT)

12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)

13 Cryosurgery

14 Laser

No specimen sent to pathology from this surgical event.

20 Local tumor excision, NOS (**WITH PATHOLOGY SPECIMEN**)

21 Photodynamic therapy (PDT)

22 Electrocautery

23 Cryosurgery

24 Laser ablation

25 Laser excision

26 Polypectomy

27 Excisional biopsy

Specimen sent to pathology from this surgical event.

Procedures coded 30 include, but are not limited to:

Cryosurgery

Electrocautery

Excisional biopsy

Laser

Segmental resection

Thermal ablation

Wedge resection

30 Partial or subtotal nephrectomy (kidney or renal pelvis) or partial ureterectomy (ureter)

Margins of resection are grossly negative. There may be microscopic involvement.

40 Complete / total / simple nephrectomy - for kidney parenchyma

Nephroureterectomy

These procedures include bladder cuff for renal pelvis or ureter.

50 Radical nephrectomy (may include removal of a portion of vena cava, adrenal gland(s), Gerota's fascia, perinephric fat, or partial / total ureter)

KIDNEY, RENAL PELVIS, and URETER**SURGERY OF PRIMARY SITE** (cont.)

70 Any nephrectomy (simple, subtotal, complete, partial, simple, total, radical) **PLUS** an en bloc resection of other organ(s) (colon, bladder)

The other organs, such as colon or bladder, may be partially or totally removed.

80 Nephrectomy, NOS
Ureterectomy, NOS

90 Surgery, NOS

99 Unknown if cancer-directed surgery performed; death certificate only

SCOPE OF REGIONAL LYMPH NODE SURGERY

The regional nodes for each site are:

Kidney

Aortic (para-aortic, periaortic, lateral aortic)
Paracaval
Renal hilar
Retroperitoneal, NOS

Renal Pelvis

Aortic
Paracaval
Renal hilar
Retroperitoneal, NOS

Ureter

Iliac [common, internal (hypogastric), external]
Paracaval
Pelvic, NOS
Periureteral
Renal hilar

0 No regional lymph nodes removed

1 Regional lymph node(s) removed, NOS; not stated if bilateral or unilateral

2 Unilateral regional lymph nodes

3 Bilateral regional lymph nodes

9 Unknown; not stated; death certificate only

KIDNEY, RENAL PELVIS, and URETER

SURGERY OF OTHER REGIONAL SITES, DISTANT SITES OR DISTANT LYMPH NODES

Do not code the incidental removal of ribs during the operative approach (ribs removed to provide access).

- 0** None; no surgery to other regional or distant sites
- 1** Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2** Other regional site(s)
 - 3** Distant lymph node(s)
 - 4** Distant site(s)
 - 5** Combination of **4** WITH **2** or **3**
- 9** Unknown; not stated; death certificate only

RECONSTRUCTION - FIRST COURSE

- 0** No reconstruction / restoration
- 1** Kidney transplant (primary site)
- 8** Reconstruction / restoration recommended, unknown if performed
- 9** Unknown; not stated; death certificate only

BLADDER

C67.0 - C67.9

SURGERY OF PRIMARY SITE

00 None; no cancer-directed surgery of primary site

10 Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)

11 Photodynamic therapy (PDT)

12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)

13 Cryosurgery

14 Laser

No specimen sent to pathology from this surgical event.

20 Local tumor excision, NOS (**WITH PATHOLOGY SPECIMEN**)

21 Photodynamic therapy (PDT)

22 Electrocautery

23 Cryosurgery

24 Laser ablation

25 Laser excision

26 Polypectomy

27 Excisional biopsy (TURB)

Specimen sent to pathology from this surgical event.

30 Partial cystectomy

50 Simple / total / complete cystectomy

60 Radical cystectomy (male only)

This code is used only for males. A radical cystectomy in a male involves the removal of the bladder and prostate, with or without urethrectomy. (If a radical cystectomy is performed on a female, use code 71.)

70 Pelvic exenteration, NOS

71 Radical cystectomy (female only); anterior exenteration

A radical cystectomy in a female includes removal of the bladder, uterus, ovaries, entire vaginal wall and entire urethra. (If a radical cystectomy is performed on a male, use code 60.)

72 Posterior exenteration

73 Total exenteration (includes removal of all pelvic contents and pelvic lymph nodes)

74 Extended exenteration (includes pelvic blood vessels or bony pelvis)

80 Cystectomy, NOS

90 Surgery, NOS

99 Unknown if cancer-directed surgery performed; death certificate only

BLADDER

SCOPE OF REGIONAL LYMPH NODE SURGERY

The regional lymph nodes are:

Hypogastric
Iliac (internal, external, NOS)
Obturator
Pelvic, NOS
Perivesical, pericyclic
Presacral
Sacral [lateral, sacral promontory (Gerota's)]

- 0** No regional lymph nodes removed
- 1** Regional lymph node(s) removed, NOS; not stated if bilateral or unilateral
 - 2** Unilateral regional lymph nodes
 - 3** Bilateral regional lymph nodes
- 9** Unknown; not stated; death certificate only

SURGERY OF OTHER REGIONAL SITES, DISTANT SITES OR DISTANT LYMPH NODES

Do not code the partial or total removal of a ureter during a cystectomy.

- 0** None; no surgery to other regional or distant sites
- 1** Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2** Other regional site(s)
 - 3** Distant lymph node(s)
 - 4** Distant site(s)
 - 5** Combination of **4** WITH **2** or **3**
- 9** Unknown; not stated; death certificate only

BLADDER

RECONSTRUCTION - FIRST COURSE

- 0 No reconstruction / restoration
- 1 Conduit diversion
- 2 Continent reservoir (a bladder substitute)
Types of continent reservoirs include, but are not limited to:
 - Hemi-Kock
 - Ileal reservoir
 - Ileocecal reservoir
 - Indiana or Mainz pouch
 - Koch
 - Studer pouch
 - W-shaped ileoneobladder by Hautmann
- 8 Reconstruction / restoration recommended, unknown if performed
- 9 Unknown; not stated; death certificate only

BRAIN and OTHER PARTS OF CENTRAL NERVOUS SYSTEM

C70.0 - C70.9 Meninges

C71.0 - C71.9 Brain

C72.0 - C72.9 Other Parts of Central Nervous System

SURGERY OF PRIMARY SITE

DO NOT CODE laminectomies for spinal cord primaries.

- 00** None; no cancer-directed surgery of primary site

- 10** Local tumor destruction

- 20** Excision of tumor, lesion, or mass
 - 21** Subtotal resection, NOS
 - 22** Partial resection (more than half of tumor resected, but less than total resection)
 - 23** Debulking (more than 5% of tumor removed, but less than half)

- 30** Excision of tumor, lesion, or mass, NOS
 - 31** Total resection
 - 32** Gross resection

- 40** Partial resection, NOS
 - 41** Partial lobe
 - 42** Partial meninges
 - 43** Partial nerve(s)

- 50** Total resection (lobectomy of brain)

- 60** Radical resection (resection of primary site plus partial or total removal of surrounding organs / tissue)

- 90** Surgery, NOS

- 99** Unknown if cancer-directed surgery performed; death certificate only

BRAIN and OTHER PARTS OF CENTRAL NERVOUS SYSTEM

SCOPE OF REGIONAL LYMPH NODE SURGERY

There are **NO regional lymph nodes** for the **brain**. Code "unknown" (**9**) for all brain primaries (C70.0, C71._). Central nervous system sites, however, **do** have regional lymph nodes.

- 0** No regional lymph nodes removed
- 1** Regional lymph node(s) removed, NOS
- 9** Unknown; not stated; death certificate only

SURGERY OF OTHER REGIONAL SITES, DISTANT SITES OR DISTANT LYMPH NODES

- 0** None; no surgery to other regional or distant sites
- 1** Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2** Other regional site(s)
 - 5** Distant lymph node(s)
 - 6** Distant site(s)
 - 7** Combination of **6** WITH **2** or **5**
- 9** Unknown; not stated; death certificate only

RECONSTRUCTION - FIRST COURSE

Use the following code only:

- 9** Not applicable (There are no known reconstructive procedures for this site.)

THYROID GLAND**C73.9****SURGERY OF PRIMARY SITE**

- 00** None; no cancer-directed surgery of primary site
- 10** Removal of less than a lobe, NOS
 - 11** Local surgical excision
 - 12** Removal of a partial lobe ONLY
- 20** Lobectomy and/or isthmectomy
 - 21** Lobectomy ONLY
 - 22** Isthmectomy ONLY
 - 23** Lobectomy WITH isthmus
- 30** Removal of a lobe and partial removal of the contralateral lobe
- 40** Subtotal or near total thyroidectomy
- 50** Total thyroidectomy
- 80** Thyroidectomy, NOS
- 90** Surgery, NOS
- 99** Unknown if cancer-directed surgery performed; death certificate only

SCOPE OF REGIONAL LYMPH NODE SURGERY

The regional lymph nodes are the cervical and upper mediastinal lymph nodes.

- 0** No regional lymph nodes removed
- 1** Regional lymph node(s) removed, NOS
 - 2** Neck dissection, NOS
 - 3** Selective, limited; nodal sampling; “berry picking”
 - 4** Modified / modified radical
 - 5** Radical
- 9** Unknown; not stated; death certificate only

Terminology of neck dissection (Robbins et al. 1991):

A radical neck dissection includes the removal of all ipsilateral cervical lymph node groups, i.e., lymph nodes from levels I through V (submental, submandibular, cranial jugular, medial jugular, caudal jugular, dorsal cervical nodes along the accessory nerve, and supraclavicular), and removal of the spinal accessory nerve, internal jugular vein and sternocleidomastoid muscle.

In a modified radical neck dissection, the same lymph nodes are removed as in a radical neck dissection; however, one or more non-lymphatic structures are preserved.

A selective neck dissection is a neck dissection with preservation of one or more lymph node groups routinely removed in radical neck dissection.

THYROID GLAND

SURGERY OF OTHER REGIONAL SITES, DISTANT SITES OR DISTANT LYMPH NODES

- 0** None; no surgery to other regional or distant sites
- 1** Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2** Other regional site(s)
 - 3** Distant lymph node(s)
 - 4** Distant site(s)
 - 5** Combination of **4** WITH **2** or **3**
- 9** Unknown; not stated; death certificate only

RECONSTRUCTION - FIRST COURSE

Use the following code only:

- 9** Not applicable (There are no known reconstructive procedures for this site.)

ALL OTHER SITES

C14.2; C14.8	Waldeyer ring; Overlapping lesion of lip, oral cavity and pharynx
C17.0 - C17.9	Small Intestine
C23.9	Gallbladder
C24.0 - C24.9	Other and Unspecified Parts of Biliary Tract
C26.0 - C26.9	Other and Ill-Defined Digestive Organs
C30.0 - C30.1	Nasal Cavity and Middle Ear
C31.0 - C31.9	Accessory Sinuses
C33.9	Trachea
C37.9	Thymus
C38.0 - C38.8	Heart, Mediastinum, and Pleura
C39.0 - C39.9	Other and Ill-Defined Sites Within Respiratory System and Intrathoracic Organs
C42.0, C42.1	Blood, Bone marrow
C42.3, C42.4	Reticuloendothelial system, Hematopoietic system
C48.0 - C48.8	Retroperitoneum and Peritoneum
C51.0 - C51.9	Vulva
C52.9	Vagina
C57.0 - C57.9	Other and Unspecified Female Genital Organs
C58.9	Placenta
C60.0 - C60.9	Penis
C63.0 - C63.9	Other and Unspecified Male Genital Organs
C68.0 - C68.9	Other and Unspecified Urinary Organs
C69.0 - C69.9	Eye and Adnexa
C74.0 - C74.9	Adrenal Gland
C75.0 - C75.9	Other Endocrine Glands and Related Structures
C76.0 - C76.8	Other and Ill-Defined Sites
C80.9	Unknown Primary Site

SURGERY OF PRIMARY SITE

00 None; no cancer-directed surgery of primary site

10 Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)

- 11** Photodynamic therapy (PDT)
- 12** Electrocautery' fulguration
- 13** Cryosurgery
- 14** Laser

No specimen sent to pathology from this surgical event.

20 Local tumor excision, NOS (**WITH PATHOLOGY SPECIMEN**)

- 21** Photodynamic therapy (PDT)
- 22** Electrocautery
- 23** Cryosurgery
- 24** Laser ablation
- 25** Laser excision
- 26** Polypectomy
- 27** Excisional biopsy

Specimen sent to pathology from this surgical event.

ALL OTHER SITES

SURGERY OF PRIMARY SITE (cont.)

- 30** Simple / partial surgical removal of primary site

- 40** Total surgical removal of primary site; enucleation

- 50** Surgery stated to be “debulking”

- 60** Radical surgery (partial or total removal of the primary site WITH an en bloc resection (partial or total removal) of other organs)

- 90** Surgery, NOS

- 99** Unknown if cancer-directed surgery performed; death certificate only

SCOPE OF REGIONAL LYMPH NODE SURGERY

For an unknown primary site (C80.9) and leukemias, enter code 9 only.

- 0** No regional lymph nodes removed
- 1** Regional lymph node(s) removed, NOS
- 9** Unknown; not stated; death certificate only

SURGERY OF OTHER REGIONAL SITES, DISTANT SITES OR DISTANT LYMPH NODES

- 0** None; no surgery to other regional or distant sites
- 1** Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2** Other regional sites
 - 3** Distant lymph node(s)
 - 4** Distant site(s)
 - 5** Combination of **4** WITH **2** or **3**
- 9** Unknown; not stated; death certificate only

RECONSTRUCTION - FIRST COURSE

Use the following code only:

ALL OTHER SITES

- 9 Not applicable (At this time, reconstructive procedures are not being collected for these sites.)