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
<table>
<thead>
<tr>
<th>ICD-O-3 Primary Site</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>C00.0 - C00.9 Lip</td>
<td>D - 1</td>
</tr>
<tr>
<td>C01.9 Base of tongue</td>
<td>D - 1</td>
</tr>
<tr>
<td>C02.0 - C02.9 Other &amp; Unspecified Parts of Tongue</td>
<td>D - 1</td>
</tr>
<tr>
<td>C03.0 - C03.9 Gum</td>
<td>D - 1</td>
</tr>
<tr>
<td>C04.0 - C04.9 Floor of Mouth</td>
<td>D - 1</td>
</tr>
<tr>
<td>C05.0 - C05.9 Palate</td>
<td>D - 1</td>
</tr>
<tr>
<td>C06.0 - C06.9 Other &amp; Unspecified Parts of Mouth</td>
<td>D - 1</td>
</tr>
<tr>
<td>C07.9 Parotid Gland</td>
<td>D - 4</td>
</tr>
<tr>
<td>C08.0 - C08.9 Other &amp; Unspecified Major Salivary Glands</td>
<td>D - 4</td>
</tr>
<tr>
<td>C09.0 - C09.9 Tonsil</td>
<td>D - 7</td>
</tr>
<tr>
<td>C10.0 - C10.9 Oropharynx</td>
<td>D - 7</td>
</tr>
<tr>
<td>C11.0 - C11.9 Nasopharynx</td>
<td>D - 7</td>
</tr>
<tr>
<td>C12.9 Pyriform Sinus</td>
<td>D - 7</td>
</tr>
<tr>
<td>C13.0 - C13.9 Hypopharynx</td>
<td>D - 7</td>
</tr>
<tr>
<td>C14.0 Pharynx, NOS</td>
<td>D - 7</td>
</tr>
<tr>
<td>C14.2 Waldeyer ring</td>
<td>D - 71</td>
</tr>
<tr>
<td>C14.8 Overlapping lesion of lip, oral cavity &amp; pharynx</td>
<td>D - 71</td>
</tr>
<tr>
<td>C15.0 - C15.9 Esophagus</td>
<td>D - 10</td>
</tr>
<tr>
<td>C16.0 - C16.9 Stomach</td>
<td>D - 13</td>
</tr>
<tr>
<td>C17.0 - C17.9 Small Intestine</td>
<td>D - 71</td>
</tr>
<tr>
<td>C18.0 - C18.9 Colon</td>
<td>D - 16</td>
</tr>
<tr>
<td>C19.9 Rectosigmoid junction</td>
<td>D - 19</td>
</tr>
<tr>
<td>C20.9 Rectum</td>
<td>D - 23</td>
</tr>
<tr>
<td>C22.0 - C22.1 Liver &amp; Intrahepatic Bile Ducts</td>
<td>D - 39</td>
</tr>
<tr>
<td>C23.9 Gallbladder</td>
<td>D - 71</td>
</tr>
<tr>
<td>C24.0 - C24.9 Other &amp; Unspecified Parts of Biliary Tract</td>
<td>D - 71</td>
</tr>
<tr>
<td>C25.0 - C25.9 Pancreas</td>
<td>D - 31</td>
</tr>
<tr>
<td>C26.0 - C26.9 Other &amp; Ill-Defined Digestive Organs</td>
<td>D - 71</td>
</tr>
<tr>
<td>C30.0 - C30.1 Nasal Cavity &amp; Middle Ear</td>
<td>D - 71</td>
</tr>
<tr>
<td>C31.0 - C31.9 Accessory Sinuses</td>
<td>D - 71</td>
</tr>
<tr>
<td>C32.0 - C32.9 Larynx</td>
<td>D - 33</td>
</tr>
<tr>
<td>C33.9 Trachea</td>
<td>D - 71</td>
</tr>
<tr>
<td>C34.0 - C34.9 Bronchus &amp; Lung</td>
<td>D - 36</td>
</tr>
<tr>
<td>C37.9 Thymus</td>
<td>D - 71</td>
</tr>
<tr>
<td>C38.0 - C38.8 Heart, Mediastinum, &amp; Pleura</td>
<td>D - 71</td>
</tr>
<tr>
<td>C39.0 - C39.9 Other &amp; Ill-Defined Sites Within Respiratory System &amp; Intrathoracic Organs</td>
<td>D - 71</td>
</tr>
<tr>
<td>C40.0 - C40.9 Bones, Joints &amp; Articular Cartilage of Limbs</td>
<td>D - 39</td>
</tr>
<tr>
<td>C41.0 - C41.9 Bones, Joints &amp; Articular Cartilage of Other &amp; Unspecified Sites</td>
<td>D - 39</td>
</tr>
<tr>
<td>ICD-O-3 Primary Site</td>
<td>Page</td>
</tr>
<tr>
<td>---------------------</td>
<td>------</td>
</tr>
<tr>
<td>C42.0, C42.1</td>
<td>Blood, Bone marrow</td>
</tr>
<tr>
<td>C42.2</td>
<td>Spleen</td>
</tr>
<tr>
<td>C42.3</td>
<td>Reticuloendothelial system</td>
</tr>
<tr>
<td>C42.4</td>
<td>Hematopoietic system</td>
</tr>
<tr>
<td>C44.0 - C44.9</td>
<td>Skin</td>
</tr>
<tr>
<td>C47.0 - C47.9</td>
<td>Peripheral Nerves &amp; Autonomic Nervous System</td>
</tr>
<tr>
<td>C48.0 - C48.8</td>
<td>Retroperitoneum &amp; Peritoneum</td>
</tr>
<tr>
<td>C49.0 - C49.9</td>
<td>Connective, Subcutaneous &amp; Other Soft Tissues</td>
</tr>
<tr>
<td>C50.0 - C50.9</td>
<td>Breast</td>
</tr>
<tr>
<td>C51.0 - C51.9</td>
<td>Vulva</td>
</tr>
<tr>
<td>C52.9</td>
<td>Vagina</td>
</tr>
<tr>
<td>C53.0 - C53.9</td>
<td>Cervix Uteri</td>
</tr>
<tr>
<td>C54.0 - C54.9</td>
<td>Corpus Uteri</td>
</tr>
<tr>
<td>C55.9</td>
<td>Uterus, NOS</td>
</tr>
<tr>
<td>C56.9</td>
<td>Ovary</td>
</tr>
<tr>
<td>C57.0 - C57.9</td>
<td>Other &amp; Unspecified Female Genital Organs</td>
</tr>
<tr>
<td>C58.9</td>
<td>Placenta</td>
</tr>
<tr>
<td>C60.0 - C60.9</td>
<td>Penis</td>
</tr>
<tr>
<td>C61.9</td>
<td>Prostate gland</td>
</tr>
<tr>
<td>C62.0 - C62.9</td>
<td>Testis</td>
</tr>
<tr>
<td>C63.0 - C63.9</td>
<td>Other &amp; Unspecified Male Genital Organs</td>
</tr>
<tr>
<td>C64.9</td>
<td>Kidney</td>
</tr>
<tr>
<td>C65.9</td>
<td>Renal pelvis</td>
</tr>
<tr>
<td>C66.9</td>
<td>Ureter</td>
</tr>
<tr>
<td>C67.0 - C67.9</td>
<td>Bladder</td>
</tr>
<tr>
<td>C68.0 - C68.9</td>
<td>Other &amp; Unspecified Urinary Organs</td>
</tr>
<tr>
<td>C69.0 - C69.9</td>
<td>Eye &amp; Adnexa</td>
</tr>
<tr>
<td>C70.0 - C70.9</td>
<td>Meninges</td>
</tr>
<tr>
<td>C71.0 - C71.9</td>
<td>Brain</td>
</tr>
<tr>
<td>C72.0 - C72.9</td>
<td>Spinal Cord, Cranial Nerves, &amp; Other Parts of Central Nervous System</td>
</tr>
<tr>
<td>C73.9</td>
<td>Thyroid gland</td>
</tr>
<tr>
<td>C74.0 - C74.9</td>
<td>Adrenal Gland</td>
</tr>
<tr>
<td>C75.0 - C75.9</td>
<td>Other Endocrine Glands &amp; Related Structures</td>
</tr>
<tr>
<td>C76.0 - C76.8</td>
<td>Other &amp; Ill-Defined Sites</td>
</tr>
<tr>
<td>C77.0 - C77.9</td>
<td>Lymph Nodes</td>
</tr>
<tr>
<td>C80.9</td>
<td>Unknown primary site</td>
</tr>
</tbody>
</table>
### ORAL CAVITY

<table>
<thead>
<tr>
<th>Code Range</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C00.0 - C00.9</td>
<td>Lip</td>
</tr>
<tr>
<td>C01.9</td>
<td>Base of Tongue</td>
</tr>
<tr>
<td>C02.0 - C02.9</td>
<td>Other Parts of Tongue</td>
</tr>
<tr>
<td>C03.0 - C03.9</td>
<td>Gum</td>
</tr>
<tr>
<td>C04.0 - C04.9</td>
<td>Floor of Mouth</td>
</tr>
<tr>
<td>C05.0 - C05.9</td>
<td>Palate</td>
</tr>
<tr>
<td>C06.0 - C06.9</td>
<td>Other Parts of Mouth</td>
</tr>
</tbody>
</table>

### SURGERY OF PRIMARY SITE

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>None; no cancer-directed surgery of primary site</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Local tumor destruction, NOS (WITHOUT PATHOLOGY SPECIMEN)</td>
</tr>
<tr>
<td>11</td>
<td>Photodynamic therapy (PDT)</td>
</tr>
<tr>
<td>12</td>
<td>Electrocautery; fulguration (includes use of hot forceps for tumor destruction)</td>
</tr>
<tr>
<td>13</td>
<td>Cryosurgery</td>
</tr>
<tr>
<td>14</td>
<td>Laser</td>
</tr>
</tbody>
</table>

No specimen sent to pathology from this surgical event.

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

- Shave
- Wedge resection

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>Local tumor excision, NOS (WITH PATHOLOGY SPECIMEN)</td>
</tr>
<tr>
<td>21</td>
<td>Photodynamic therapy (PDT)</td>
</tr>
<tr>
<td>22</td>
<td>Electrocautery</td>
</tr>
<tr>
<td>23</td>
<td>Cryosurgery</td>
</tr>
<tr>
<td>24</td>
<td>Laser ablation</td>
</tr>
<tr>
<td>25</td>
<td>Laser excision</td>
</tr>
<tr>
<td>26</td>
<td>Polypectomy</td>
</tr>
<tr>
<td>27</td>
<td>Excisional biopsy</td>
</tr>
</tbody>
</table>

Specimen sent to pathology from this surgical event.

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

- Hemiglossectomy
- Partial glossectomy

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td>Wide excision, NOS</td>
</tr>
</tbody>
</table>

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

- Radical glossectomy

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>Radical excision of tumor, NOS</td>
</tr>
<tr>
<td>41</td>
<td>Radical excision of tumor ONLY</td>
</tr>
<tr>
<td>42</td>
<td>Combination of 41 WITH en bloc mandibulectomy (marginal, segmental, hemi-, or total)</td>
</tr>
<tr>
<td>43</td>
<td>Combination of 41 WITH en bloc maxillectomy (partial, subtotal, total)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>90</td>
<td>Surgery, NOS</td>
</tr>
</tbody>
</table>
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**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>None; no surgery to other regional or distant sites</td>
</tr>
<tr>
<td>1</td>
<td>Surgery to other site(s) or node(s), NOS; unknown if regional or distant</td>
</tr>
<tr>
<td>2</td>
<td>Other regional site(s)</td>
</tr>
<tr>
<td>3</td>
<td><strong>Mandibulectomy</strong> (marginal, segmental, hemi-, or total)</td>
</tr>
<tr>
<td>4</td>
<td><strong>Maxillectomy</strong> (partial, subtotal, or total)</td>
</tr>
<tr>
<td></td>
<td><strong>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.”</strong></td>
</tr>
<tr>
<td>5</td>
<td>Distant lymph node(s)</td>
</tr>
<tr>
<td>6</td>
<td>Distant site(s)</td>
</tr>
<tr>
<td>7</td>
<td>Combination of 6 WITH 2, 3, 4, or 5</td>
</tr>
<tr>
<td>9</td>
<td>Unknown; not stated; death certificate only</td>
</tr>
</tbody>
</table>

**RECONSTRUCTION - FIRST COURSE**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>No reconstruction / restoration</td>
</tr>
<tr>
<td>1</td>
<td>Flaps, grafts, or any type of “...plasty,” NOS</td>
</tr>
<tr>
<td>2</td>
<td>WITHOUT implant / prosthesis</td>
</tr>
<tr>
<td>3</td>
<td>WITH implant / prosthesis</td>
</tr>
<tr>
<td>8</td>
<td>Reconstruction / restoration recommended, unknown if performed</td>
</tr>
<tr>
<td>9</td>
<td>Unknown; not stated; death certificate only</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C09.0 - C09.9</td>
<td>Tonsil</td>
</tr>
<tr>
<td>C10.0 - C10.9</td>
<td>Oropharynx</td>
</tr>
<tr>
<td>C11.0 - C11.9</td>
<td>Nasopharynx</td>
</tr>
<tr>
<td>C12.9</td>
<td>Pyriform Sinus</td>
</tr>
<tr>
<td>C13.0 - C13.9</td>
<td>Hypopharynx</td>
</tr>
<tr>
<td>C14.0</td>
<td>Pharynx</td>
</tr>
</tbody>
</table>

### 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
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 site(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 fundoplastic
- Esophagogastronomy (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:

<table>
<thead>
<tr>
<th>Greater Curvature of Stomach</th>
<th>Lesser Curvature of Stomach</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gastroduodenal</td>
<td>Cardioesophageal</td>
</tr>
<tr>
<td>Gastroepiploic, left</td>
<td>Celiac</td>
</tr>
<tr>
<td>Gastroepiploic, right or NOS</td>
<td>Common hepatic</td>
</tr>
<tr>
<td>Greater omental</td>
<td>Hepatoduodenal</td>
</tr>
<tr>
<td>Greater curvature</td>
<td>Left gastric</td>
</tr>
<tr>
<td>Pancreaticoduodenal (anteriorly along the first part of duodenum)</td>
<td>Lesser omental</td>
</tr>
<tr>
<td>Pyloric, including subpyloric and infrapyloric</td>
<td>Lesser curvature</td>
</tr>
<tr>
<td></td>
<td>Paracardial; cardial</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Greater Curvature of Stomach</th>
<th>Lesser Curvature of Stomach</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Splenic hilum</td>
</tr>
</tbody>
</table>

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 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
D - 17

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 hemicolecetomy
   31 Partial colectomy WITH permanent colostomy (Hartmann’s operation)
      Also code colostomy in the data item “Reconstruction - First Course”.

40 Hemicolecetomy or greater (but less than total); right colectomy; left colectomy
A hemicolecetomy 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)
SURGERY OF PRIMARY SITE (cont.)

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

**Code 70** includes any colectomy (partial, hemicolecctomy, 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:

<table>
<thead>
<tr>
<th>Cecum and Appendix</th>
<th>Hepatic flexure</th>
<th>Descending colon</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anterior cecal</td>
<td>Middle colic</td>
<td>Inferior mesenteric</td>
</tr>
<tr>
<td>Ileocolic</td>
<td>Right colic</td>
<td>Left colic</td>
</tr>
<tr>
<td>Posterior cecal</td>
<td>Transverse colon</td>
<td>Sigmoid</td>
</tr>
<tr>
<td>Right colic</td>
<td>Middle colic</td>
<td>Sigmoid colon</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ascending colon</th>
<th>Splenic flexure</th>
<th>Inferior mesenteric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ileocolic</td>
<td>Inferior mesenteric</td>
<td></td>
</tr>
<tr>
<td>Middle colic</td>
<td>Middle colic</td>
<td>Sigmoid mesenteric</td>
</tr>
<tr>
<td>Right colic</td>
<td>Left colic</td>
<td>Sigmoidal</td>
</tr>
</tbody>
</table>

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
**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).]

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

**RECONSTRUCTION - FIRST COURSE**

Do not code anastomosis as reconstruction.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>No reconstruction / restoration</td>
</tr>
<tr>
<td>1</td>
<td>Colostomy (permanent)</td>
</tr>
<tr>
<td>2</td>
<td>Ileostomy, NOS</td>
</tr>
<tr>
<td>3</td>
<td>WITHOUT a reservoir or pouch</td>
</tr>
<tr>
<td>4</td>
<td>WITH an abdominal reservoir or pouch</td>
</tr>
<tr>
<td>5</td>
<td>WITH an anal reservoir or pouch; artificial sphincter</td>
</tr>
<tr>
<td>9</td>
<td>Unknown; not stated; death certificate only</td>
</tr>
</tbody>
</table>
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)
**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
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).

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

**RECONSTRUCTION - FIRST COURSE**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>No reconstruction / restoration</td>
</tr>
<tr>
<td>1</td>
<td>Colostomy (permanent)</td>
</tr>
<tr>
<td>2</td>
<td>Ileostomy, NOS</td>
</tr>
<tr>
<td>3</td>
<td>WITHOUT a reservoir or pouch</td>
</tr>
<tr>
<td>4</td>
<td>WITH an abdominal reservoir or pouch</td>
</tr>
<tr>
<td>5</td>
<td>WITH an anal reservoir or pouch; artificial sphincter</td>
</tr>
<tr>
<td>9</td>
<td>Unknown; not stated; death certificate only</td>
</tr>
</tbody>
</table>
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)
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
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
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 pancreatectoduodenectomy

80  Pancreatectomy, 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:
- Celiac (head only)
- Hepatic artery
- Infrapyloric (head only)
- Lateral aortic
- Pancreaticocolenal (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.)
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
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.”
**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
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
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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>None; no cancer-directed surgery of primary site</td>
</tr>
<tr>
<td>10</td>
<td>Local tumor destruction, NOS (WITHOUT PATHOLOGY SPECIMEN)</td>
</tr>
<tr>
<td>11</td>
<td>Photodynamic therapy (PDT)</td>
</tr>
<tr>
<td>12</td>
<td>Electrocautery; fulguration (includes use of hot forceps for tumor destruction)</td>
</tr>
<tr>
<td>13</td>
<td>Cryosurgery</td>
</tr>
<tr>
<td>14</td>
<td>Laser ablation</td>
</tr>
<tr>
<td></td>
<td>No specimen sent to pathology from this surgical event.</td>
</tr>
<tr>
<td>20</td>
<td>Local tumor excision, NOS (WITH PATHOLOGY SPECIMEN)</td>
</tr>
<tr>
<td>21</td>
<td>Photodynamic therapy (PDT)</td>
</tr>
<tr>
<td>22</td>
<td>Electrocautery</td>
</tr>
<tr>
<td>23</td>
<td>Cryosurgery</td>
</tr>
<tr>
<td>24</td>
<td>Laser ablation</td>
</tr>
<tr>
<td>25</td>
<td>Laser excision</td>
</tr>
<tr>
<td>26</td>
<td>Polypectomy</td>
</tr>
<tr>
<td>27</td>
<td>Excisional biopsy</td>
</tr>
<tr>
<td></td>
<td>Specimen sent to pathology from this surgical event.</td>
</tr>
<tr>
<td>30</td>
<td>Biopsy of primary tumor followed by a gross excision of the lesion</td>
</tr>
<tr>
<td>31</td>
<td>Shave biopsy followed by a gross excision of the lesion; Mohs' surgery</td>
</tr>
<tr>
<td>32</td>
<td>Punch biopsy followed by a gross excision of the lesion</td>
</tr>
<tr>
<td>33</td>
<td>Incisional biopsy followed by a gross excision of the lesion</td>
</tr>
<tr>
<td></td>
<td>Less than a wide excision, less than 1 cm margin.</td>
</tr>
<tr>
<td>40</td>
<td>Wide excision or re-excision of lesion or minor (local) amputation, NOS</td>
</tr>
<tr>
<td></td>
<td>Margins of excision are 1 cm or more. Margins may be microscopically involved.</td>
</tr>
<tr>
<td></td>
<td>Local amputation is the surgical resection of digits, ear, eyelid, lip, or nose.</td>
</tr>
<tr>
<td>50</td>
<td>Radical excision of a lesion, NOS</td>
</tr>
<tr>
<td></td>
<td>Margins of excision are greater than 1 cm and grossly tumor-free. The margins may be microscopically involved.</td>
</tr>
<tr>
<td>60</td>
<td>Major amputation, NOS</td>
</tr>
<tr>
<td>90</td>
<td>Surgery, NOS</td>
</tr>
<tr>
<td>99</td>
<td>Unknown if cancer-directed surgery performed; death certificate only</td>
</tr>
</tbody>
</table>
SKIN

**SCOPE OF REGIONAL LYMPH NODE SURGERY**

Regional lymph nodes are different for each anatomical subsite.

<table>
<thead>
<tr>
<th>Head and neck</th>
<th>Arm</th>
<th>Anal margin and perianal skin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cervical</td>
<td>Ipsilateral epitrochlear and axillary</td>
<td>Ipsilateral inguinal</td>
</tr>
<tr>
<td>Ipsilateral preauricular</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Submandibular</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Supraclavicular</td>
<td>Abdomen, loins, buttocks</td>
<td>Leg</td>
</tr>
<tr>
<td></td>
<td>Ipsilateral inguinal</td>
<td>Ipsilateral inguinal and popliteal</td>
</tr>
</tbody>
</table>

**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 "clavicula-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
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.)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>Radical mastectomy, NOS</td>
</tr>
<tr>
<td>61</td>
<td>WITHOUT removal of uninvolved contralateral breast</td>
</tr>
<tr>
<td>62</td>
<td>WITH removal of uninvolved contralateral breast</td>
</tr>
</tbody>
</table>

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.”

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>70</td>
<td>Extended radical mastectomy</td>
</tr>
<tr>
<td>71</td>
<td>WITHOUT removal of uninvolved contralateral breast</td>
</tr>
<tr>
<td>72</td>
<td>WITH removal of uninvolved contralateral breast</td>
</tr>
</tbody>
</table>

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.”

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>80</td>
<td>Mastectomy, NOS</td>
</tr>
<tr>
<td>90</td>
<td>Surgery, NOS</td>
</tr>
<tr>
<td>99</td>
<td>Unknown if cancer-directed surgery performed; death certificate only</td>
</tr>
</tbody>
</table>

### SCOPE OF REGIONAL LYMPH NODE SURGERY

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>No regional lymph nodes removed</td>
</tr>
<tr>
<td>1</td>
<td>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)</td>
</tr>
<tr>
<td>2</td>
<td>Regional lymph node(s) removed, NOS; axillary, NOS (Levels I, II, or III lymph nodes); intramammary, NOS</td>
</tr>
<tr>
<td>3</td>
<td>Combination of 1 and 2</td>
</tr>
<tr>
<td>4</td>
<td>Internal mammary</td>
</tr>
<tr>
<td>5</td>
<td>Combination of 4 WITH any of 1-3</td>
</tr>
<tr>
<td>9</td>
<td>Unknown; not stated; death certificate only</td>
</tr>
</tbody>
</table>
**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.”

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>None; no cancer-directed surgery of primary site</td>
</tr>
<tr>
<td>10</td>
<td>Local tumor destruction, NOS (WITHOUT PATHOLOGY SPECIMEN)</td>
</tr>
<tr>
<td>11</td>
<td>Photodynamic therapy (PDT)</td>
</tr>
<tr>
<td>12</td>
<td>Electrocautery; fulguration (includes use of hot forceps for tumor destruction)</td>
</tr>
<tr>
<td>13</td>
<td>Cryosurgery</td>
</tr>
<tr>
<td>14</td>
<td>Laser</td>
</tr>
<tr>
<td>15</td>
<td>LEEP</td>
</tr>
</tbody>
</table>

No specimen sent to pathology from this surgical event.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>Local tumor destruction or excision, NOS (WITH PATHOLOGY SPECIMEN)</td>
</tr>
<tr>
<td>21</td>
<td>Electrocautery</td>
</tr>
<tr>
<td>22</td>
<td>Cryosurgery</td>
</tr>
<tr>
<td>23</td>
<td>Laser</td>
</tr>
<tr>
<td>24</td>
<td>Cone biopsy WITH gross excision of lesion</td>
</tr>
<tr>
<td>25</td>
<td>Dilation (dilatation) and curettage; endocervical curettage (cancer-directed for in situ only)</td>
</tr>
<tr>
<td>26</td>
<td>Excisional biopsy, NOS</td>
</tr>
<tr>
<td>27</td>
<td>Cone biopsy</td>
</tr>
<tr>
<td>28</td>
<td>LEEP</td>
</tr>
<tr>
<td>29</td>
<td>Trachelectomy; removal of cervical stump; cervicectomy</td>
</tr>
</tbody>
</table>

Specimen sent to pathology from this surgical event.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td>Total hysterectomy (simple, pan-) WITHOUT removal of tubes and ovaries</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>Total hysterectomy (simple, pan-) WITH removal of tubes or ovary</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>Modified radical or extended hysterectomy; radical hysterectomy; extended radical hysterectomy</td>
</tr>
<tr>
<td>51</td>
<td>Modified radical hysterectomy</td>
</tr>
<tr>
<td>52</td>
<td>Extended hysterectomy</td>
</tr>
<tr>
<td>53</td>
<td>Radical hysterectomy; Wertheim’s procedure</td>
</tr>
<tr>
<td>54</td>
<td>Extended radical hysterectomy</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>Hysterectomy, NOS, WITH or WITHOUT removal of tubes and ovaries</td>
</tr>
<tr>
<td>61</td>
<td>WITHOUT removal of tubes and ovaries</td>
</tr>
<tr>
<td>62</td>
<td>WITH removal of tubes and ovaries</td>
</tr>
</tbody>
</table>
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
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.)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>None; no surgery to other regional or distant sites</td>
</tr>
<tr>
<td>1</td>
<td>Surgery to other site(s) or node(s), NOS; unknown if regional or distant</td>
</tr>
<tr>
<td>2</td>
<td>Other regional site(s)</td>
</tr>
<tr>
<td>3</td>
<td>Distant lymph node(s), NOS</td>
</tr>
<tr>
<td>4</td>
<td>Periaortic lymph nodes</td>
</tr>
<tr>
<td>5</td>
<td>Distant site(s)</td>
</tr>
<tr>
<td>6</td>
<td>Combinations of 5 WITH 4</td>
</tr>
<tr>
<td>7</td>
<td>Combination of 5 WITH 2 or 3</td>
</tr>
<tr>
<td>9</td>
<td>Unknown; not stated; death certificate only</td>
</tr>
</tbody>
</table>

Reconstruction - First Course

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>No reconstruction / restoration</td>
</tr>
<tr>
<td>1</td>
<td>Vaginal reconstruction</td>
</tr>
<tr>
<td>2</td>
<td>Urinary reconstruction</td>
</tr>
<tr>
<td>3</td>
<td>Bowel reconstruction / restoration</td>
</tr>
<tr>
<td>4</td>
<td>Combination of 3 WITH 1 or 2</td>
</tr>
<tr>
<td>8</td>
<td>Reconstruction / restoration recommended, unknown if performed</td>
</tr>
<tr>
<td>9</td>
<td>Unknown; not stated; death certificate only</td>
</tr>
</tbody>
</table>
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
   15LEEP

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.
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 Pariaortic WITH or WITHOUT other 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 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
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
SCOPE OF REGIONAL LYMPH NODE SURGERY

The regional lymph nodes are:
  - Common iliac
  - External iliac
  - Hypogastric (obturator)
  - Inguinal
  - Lateral sacral
  - Paraortic
  - 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
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 Cryoprosatectomy
   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 Vapotrode 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
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)
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:

<table>
<thead>
<tr>
<th>Kidney</th>
<th>Renal Pelvis</th>
<th>Ureter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aortic (para-aortic, periaortic, lateral aortic)</td>
<td>Aortic</td>
<td>Iliac [common, internal (hypogastric), external]</td>
</tr>
<tr>
<td>Paracaval</td>
<td>Paracaval</td>
<td>Paracaval</td>
</tr>
<tr>
<td>Renal hilar</td>
<td>Renal hilar</td>
<td>Pelvic, NOS</td>
</tr>
<tr>
<td>Retroperitoneal, NOS</td>
<td>Retroperitoneal, NOS</td>
<td>Periureteral</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Renal hilar</td>
</tr>
</tbody>
</table>

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
SCOPE OF REGIONAL LYMPH NODE SURGERY

The regional lymph nodes are:
- Hypogastric
- Iliac (internal, external, NOS)
- Obturator
- Pelvic, NOS
- Perivesical, pericystic
- Presacral
- Sacral [lateral, sacral promontory (Gerota's)]

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>No regional lymph nodes removed</td>
</tr>
<tr>
<td>1</td>
<td>Regional lymph node(s) removed, NOS; not stated if bilateral or unilateral</td>
</tr>
<tr>
<td>2</td>
<td>Unilateral regional lymph nodes</td>
</tr>
<tr>
<td>3</td>
<td>Bilateral regional lymph nodes</td>
</tr>
<tr>
<td>9</td>
<td>Unknown; not stated; death certificate only</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>None; no surgery to other regional or distant sites</td>
</tr>
<tr>
<td>1</td>
<td>Surgery to other site(s) or node(s), NOS; unknown if regional or distant</td>
</tr>
<tr>
<td>2</td>
<td>Other regional site(s)</td>
</tr>
<tr>
<td>3</td>
<td>Distant lymph node(s)</td>
</tr>
<tr>
<td>4</td>
<td>Distant site(s)</td>
</tr>
<tr>
<td>5</td>
<td>Combination of 4 WITH 2 or 3</td>
</tr>
<tr>
<td>9</td>
<td>Unknown; not stated; death certificate only</td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>None; no cancer-directed surgery of primary site</td>
</tr>
<tr>
<td>10</td>
<td>Local tumor destruction</td>
</tr>
<tr>
<td>20</td>
<td>Excision of tumor, lesion, or mass</td>
</tr>
<tr>
<td>21</td>
<td>Subtotal resection, NOS</td>
</tr>
<tr>
<td>22</td>
<td>Partial resection (more than half of tumor resected, but less than total resection)</td>
</tr>
<tr>
<td>23</td>
<td>Debulking (more than 5% of tumor removed, but less than half)</td>
</tr>
<tr>
<td>30</td>
<td>Excision of tumor, lesion, or mass, NOS</td>
</tr>
<tr>
<td>31</td>
<td>Total resection</td>
</tr>
<tr>
<td>32</td>
<td>Gross resection</td>
</tr>
<tr>
<td>40</td>
<td>Partial resection, NOS</td>
</tr>
<tr>
<td>41</td>
<td>Partial lobe</td>
</tr>
<tr>
<td>42</td>
<td>Partial meninges</td>
</tr>
<tr>
<td>43</td>
<td>Partial nerve(s)</td>
</tr>
<tr>
<td>50</td>
<td>Total resection (lobectomy of brain)</td>
</tr>
<tr>
<td>60</td>
<td>Radical resection (resection of primary site plus partial or total removal of surrounding organs / tissue)</td>
</tr>
<tr>
<td>90</td>
<td>Surgery, NOS</td>
</tr>
<tr>
<td>99</td>
<td>Unknown if cancer-directed surgery performed; death certificate only</td>
</tr>
</tbody>
</table>
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.)
D - 70

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**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>None; no surgery to other regional or distant sites</td>
</tr>
<tr>
<td>1</td>
<td>Surgery to other site(s) or node(s), NOS; unknown if regional or distant</td>
</tr>
<tr>
<td>2</td>
<td>Other regional site(s)</td>
</tr>
<tr>
<td>3</td>
<td>Distant lymph node(s)</td>
</tr>
<tr>
<td>4</td>
<td>Distant site(s)</td>
</tr>
<tr>
<td>5</td>
<td>Combination of 4 WITH 2 or 3</td>
</tr>
<tr>
<td>9</td>
<td>Unknown; not stated; death certificate only</td>
</tr>
</tbody>
</table>

**RECONSTRUCTION - FIRST COURSE**

Use the following code only:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Not applicable (There are no known reconstructive procedures for this site.)</td>
</tr>
</tbody>
</table>
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.)