Colon, Rectosigmoid, and Rectum Equivalent Terms and Definitions
C180-C189, C199, C209
(Excludes lymphoma and leukemia M9590 – M9992 and Kaposi sarcoma M9140)

Introduction

**Note 1:** New terms and codes in these rules are based on the *WHO Classification of Tumors of the Digestive System* 2010 edition

**Note 2:** Ninety-eight percent of colon cancers are adenocarcinoma and adenocarcinoma subtypes

**Note 3:** Mixed histologies and specific variants or subtypes of adenocarcinoma other than mucinous/colloid or signet ring cell are rare. A less common combination is mixed adenoneuroendocrine carcinoma (MANEC) 8244 (previously called adenocarcinoma and carcinoid). The new terminology was originally proposed for tumors arising from goblet cell carcinoid but with more aggressive adenocarcinoma histology. It was also proposed because carcinoids are a subgroup of neuroendocrine carcinoma. Pathologists may still diagnose adenocarcinoma and carcinoid, adenocarcinoid, or adenocarcinoma and a specific neuroendocrine tumor or adenocarcinoma arising from/with a NET (including specific types of NET-like goblet cell carcinoid). Over time, the histologic diagnoses will change to MANEC.

**Note 4:** De novo (previously called frank) adenocarcinoma arises in the mucosa of the bowel, not in a polyp

**Note 5:** Terms Seen More Frequently: NET, NEC, GIST
- NET (neuroendocrine tumor): The term NET is gradually replacing carcinoid; however, some pathologists still use the term carcinoid
- NEC (neuroendocrine carcinoma): The term NEC includes small cell neuroendocrine carcinoma, large cell neuroendocrine carcinoma, and poorly differentiated neuroendocrine carcinoma
- GIST (gastrointestinal stromal tumor):
  - GISTs were originally thought to be smooth muscle tumors but are now thought to originate from the interstitial cells of Cajal, neuro-regulatory cells in the GI tract. Prior to the implementation of an ICD-O-3 histology code for GISTs in 2001, they were reported as a GI sarcoma, usually leiomyosarcoma
  - GISTs are more common in the stomach (60%) and small intestine (30%), but 1-2% occur in the colon and 3% in the rectum
  - About a quarter of gastric GISTs are malignant
  - It is often difficult for the pathologist to determine the behavior of a GIST

**Note 6:** Tables and rules refer to ICD-O rather than ICD-O-3. The version is not specified to allow for updates. Use the currently approved version of ICD-O.

**Note 7:** 2007 MPH Rules and 2018 Solid Tumor Rules are used based on date of diagnosis.

Jump to [Multiple Primary Rules](#)
Jump to [Histology Coding Rules](#)
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- Tumors diagnosed 01/01/2007 through 12/31/2017: Use 2007 MPH Rules
- Tumors diagnosed 01/01/2018 and later: Use 2018 Solid Tumor Rules
- The original tumor diagnosed before 1/1/2018 and a subsequent tumor diagnosed 1/1/2018 or later in the same primary site: Use the 2018 Solid Tumor Rules.

Changes from 2007 MPH Rules

These changes are effective with cases diagnosed 1/1/2018 and later.

1. 2007 Rules instruct “Code the histology from the most representative specimen.” For all sites except breast and CNS, 2018 Rules instruct “Code the most specific histology from biopsy or resection. When there is a discrepancy between the biopsy and resection (two distinctly different histologies/different rows), code the histology from the most representative specimen (the greater amount of tumor).”
2. **Rectum** and **Rectosigmoid** are now included with the Colon Rules. In the 2007 MPH Rules, they were included with Other Sites.
3. There are new multiple primary rules which address anastomotic recurrence.
4. Neuroendocrine tumors (formerly carcinoid) arising in the appendix are reportable for cases diagnosed 1/1/2015 and forward.
5. **Rule clarification: Pseudomyxoma peritonei** (accumulation of mucin in the abdominal or pelvic cavity) now has a two-tiered system (WHO 2010) that classifies pseudomyxoma peritonei as either high-grade or low-grade (see below). Pseudomyxoma peritonei is usually associated with mucinous tumors of the appendix and is rarely associated with ovarian mucinous tumors.
   - High-grade pseudomyxoma peritonei is malignant /3
   - Low-grade pseudomyxoma peritonei is not malignant /0
   - See Histology Rules for coding instructions
6. There are dysplasias which have been assigned an in situ behavior code /2 in WHO and in the ICD-O Update. Despite becoming a /2, they are not reportable in the US. They are reportable in Canada.
   - Dysplasia was not collected in the past. If dysplasia is added to the database with the same code as in situ tumors, there will be a huge upsurge in the incidence of in situ neoplasms. The various agencies are looking for solutions to this issue.
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- There would be no way to separate the dysplasias from the in-situ neoplasms in the database, which would cause problems with surveillance (long-term studies) since the prognosis and probabilities of disease progression are different between an in-situ tumor and a dysplasia
- **Pathologists frequently use the term “severe dysplasia” or “high grade dysplasia” in place of carcinoma in situ.**
  Code CIS only if the pathologist expressly states “CIS”

7. **Polyps** are now disregarded when coding histology. For example, adenocarcinoma in an adenomatous polyp is coded as adenocarcinoma 8140. For the purposes of determining multiple primaries, tumors coded as adenocarcinoma in a polyp for pre-2018 cases should be treated as adenocarcinoma 8140.

8. New codes/terms are identified by asterisks (*) in the histology table in the Terms and Definitions.

---

### Equivalent or Equal Terms

These terms can be used interchangeably:

- And; with
  *Note:* “And” and “with” are used as synonyms when describing multiple histologies within a single tumor.
- Carcinoid; NET; neuroendocrine tumor
- Carcinoma; carcinoma NOS; adenocarcinoma; adenocarcinoma NOS; intestinal type adenocarcinoma 8140
- De novo; frank adenocarcinoma (obsolete)
- Familial polyposis; familial adenomatous polyposis (FAP) 8220
- Intramucosal; lateral extension within the mucosal layer of the GI tract
- Invasion through colon wall; extension through colon wall; transmural
  *Note:* The term “transmural” is used to describe extension through all layers of the wall, but not past the wall OR extension through the serosa into the mesentery. Read the pathology report carefully.
- Mucinous; mucoid; mucous; colloid
- Neuroendocrine carcinoma; NEC
- Polyp; adenoma; polyp NOS; adenomatous polyp
  *Note 1:* The term “polyp” means projecting from a surface.
  *Note 2:* There are many kinds of polyps. Most common are adenomas, which are part of the adenoma-cancer sequence.
Note 3: Other types of polyps include hyperplastic, juvenile, Peutz-Jeghers and serrated adenoma/polyp.

- Serosa; visceral peritoneum
- Simultaneous; existing at the same time; concurrent; prior to first course treatment
- Site; topography
- Tumor; mass; tumor mass; lesion; neoplasm
  - The terms tumor, mass, tumor mass, lesion, and neoplasm are not used in a standard manner in clinical diagnoses, scans, or consults. Disregard the terms unless there is a physician’s statement that the term is malignant/cancer
  - These terms are used ONLY to determine multiple primaries
  - Do not use these terms for casefinding or determining reportability

Terms that are NOT Equivalent or Equal

This is a list of terms that are not equivalent. There are no casefinding implications.

- Component is not equivalent to subtype/variant
  Note: Component is only coded when the pathologist specifies the component as a second carcinoma.
- The words “exophytic” and “polypoid” are not synonymous with either an adenoma or an adenomatous polyp. The terms “exophytic” and “polypoid” refer to anything projecting from the bowel mucosa into the lumen. The lesion may be benign, malignant, or inflammatory
- Polypoid adenocarcinoma is not equivalent to adenocarcinoma in a polyp
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Table 1: Specific Histologies, NOS, and Subtypes/Variants

Use Table 1 as directed by the Histology Rules to assign the more common histology codes for malignancies found in the colon, rectosigmoid and rectum.

Note 1: Rare histologies may not be listed in the table. When a histology term is not found, reference ICD-O and all updates.
Note 2: Submit a question to Ask a SEER Registrar when the histology code is not found in Table 1, ICD-O or all updates.
Note 3: Behavior codes are listed when the term has only one possible behavior (either a /2 or /3). For histologies which may be either /2 or /3, a behavior code is not listed. Code behavior from pathology.

Column 1 contains specific and NOS histology terms.
- Specific histology terms do not have subtypes/variants
- NOS histology terms do have subtypes/variants

Column 2 contains synonyms for the specific or NOS term. Synonyms have the same histology code as the specific or NOS term.

Column 3 contains subtypes/variants of the NOS histology. Subtypes/variants do not have the same histology code as the NOS term.

<table>
<thead>
<tr>
<th>Specific and NOS Term and Code</th>
<th>Synonyms for Specific or NOS Term</th>
<th>Subtypes/Variants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adenocarcinoma 8140</td>
<td>Adenocarcinoma, NOS</td>
<td>Adenoid cystic carcinoma 8200</td>
</tr>
<tr>
<td></td>
<td>Adenocarcinoma/carcinoma in a polyp NOS (now coded to 8140)</td>
<td>Cribriform comedo-type carcinoma/ adenocarcinoma, cribriform comedo-type 8201*</td>
</tr>
<tr>
<td></td>
<td>Adenocarcinoma/carcinoma in adenomatous polyp (now coded to 8140)</td>
<td>Diffuse adenocarcinoma/carcinoma 8145</td>
</tr>
<tr>
<td></td>
<td>Adenocarcinoma/carcinoma in polypoid adenoma (now coded to 8140)</td>
<td>Linitis plastica 8142/3</td>
</tr>
<tr>
<td></td>
<td>Adenocarcinoma/carcinoma in serrated adenoma (now coded to 8140)</td>
<td>Medullary adenocarcinoma/carcinoma 8510</td>
</tr>
<tr>
<td></td>
<td>Adenocarcinoma and mucinous carcinoma, mucinous documented as less than 50% of tumor OR percentage of mucinous unknown/not documented</td>
<td>Micropapillary carcinoma 8265*</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mucoepidermoid carcinoma 8430</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Serrated adenocarcinoma 8213*</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Signet ring cell/poorly cohesive</td>
</tr>
</tbody>
</table>

*Note 1: See Histology Rules for instructions on coding adenocarcinoma subtypes/variants arising in a polyp

*Note 2: When the term intestinal adenocarcinoma is used to describe a colon primary, it simply means the appearance is similar to adenocarcinoma seen in
<table>
<thead>
<tr>
<th>Specific and NOS Term and Code</th>
<th>Synonyms for Specific or NOS Term</th>
<th>Subtypes/Variants</th>
</tr>
</thead>
<tbody>
<tr>
<td>the stomach and is coded to adenocarcinoma NOS <strong>8140</strong></td>
<td>Adenocarcinoma and signet ring cell carcinoma, percentage of signet ring cell carcinoma documented as less than 50% of tumor OR percentage of signet ring cell carcinoma unknown/not documented Adenocarcinoma/carcinoma in tubular polyp (now coded to 8140) Adenocarcinoma/carcinoma in tubulovillous polyp (now coded to 8140) Adenocarcinoma/carcinoma in villous adenoma (now coded to 8140) Adenocarcinoma in any type of polyp Adenocarcinoma, intestinal type Adenocarcinoma and cribriform carcinoma percentage of cribriform documented as less than 50% of tumor OR percentage of cribriform carcinoma unknown/not documented Adenocarcinoma with mucinous and signet ring cell features Comedocarcinoma Intestinal adenocarcinoma</td>
<td>adenocarcinoma/carcinoma <strong>8490</strong> Superficial spreading adenocarcinoma <strong>8143</strong> Tubulopapillary carcinoma <strong>8263</strong> Undifferentiated adenocarcinoma/carcinoma <strong>8020</strong></td>
</tr>
</tbody>
</table>

**Adenosquamous carcinoma 8560**

*Note:* This code **cannot be used** for adenocarcinoma subtypes/variants with squamous cell/epidermoid carcinoma

Mixed adenocarcinoma NOS and epidermoid carcinoma Mixed adenocarcinoma NOS and squamous cell carcinoma

**Combined small cell carcinoma 8045**

Small cell carcinoma mixed with
- Adenocarcinoma OR
- Neuroendocrine carcinoma OR
- Any other type of carcinoma/adenocarcinoma
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**C180-C189, C199, C209**

(Excludes lymphoma and leukemia M9590 – M9992 and Kaposi sarcoma M9140)

<table>
<thead>
<tr>
<th>Specific and NOS Term and Code</th>
<th>Synonyms for Specific or NOS Term</th>
<th>Subtypes/Variants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gastrinoma 8153</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gastrointestinal stromal tumor classified as malignant 8936/3</td>
<td>Gastrointestinal stromal tumor, malignant GIST, malignant</td>
<td></td>
</tr>
<tr>
<td>Mixed adenoneuroendocrine carcinoma 8244</td>
<td>Adenocarcinoma mixed with high-grade large cell neuroendocrine carcinoma Adenocarcinoma mixed with high-grade small cell neuroendocrine carcinoma Any carcinoid mixed with neuroendocrine carcinoma MANEC</td>
<td>Goblet cell carcinoid 8243</td>
</tr>
<tr>
<td>Neuroendocrine carcinoma 8246</td>
<td>NEC</td>
<td>Large cell NEC 8013 Small cell NEC 8041</td>
</tr>
<tr>
<td>Neuroendocrine tumor Grade 1 (G1) 8240</td>
<td>Carcinoid NOS Low-grade neuroendocrine tumor NET Grade 1 (G1) Well differentiated neuroendocrine tumor</td>
<td>EC cell serotonin-producing NET/enterochromaffin cell carcinoid 8241 Neuroendocrine tumor (NET) Grade 2 (G2) 8249 Somatostatin-producing NET 8156</td>
</tr>
<tr>
<td>Sarcoma NOS 8800/3</td>
<td></td>
<td>Angiosarcoma/hemangiosarcoma 9120/3 Leiomyosarcoma 8890/3</td>
</tr>
<tr>
<td>Spindle cell carcinoma 8032</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Squamous cell carcinoma 8070</td>
<td>Epidermoid carcinoma NOS Squamous cell carcinoma NOS Squamous cell epithelioma</td>
<td></td>
</tr>
</tbody>
</table>

*These new codes were approved by the IARC/WHO Committee for ICD-O.*
### Table 2: Histologies Not Reportable for Colon, Rectosigmoid and Rectum

Column 1 lists the **non-reportable** histology term and code for NOS or specific
Column 2 lists the **synonym(s)** for the term
Column 3 lists the **subtype/variant** of the NOS term with the histology code
Column 4 lists the **reason** these histologies are **not reportable**

<table>
<thead>
<tr>
<th>Specific or NOS Term and Code</th>
<th>Synonyms</th>
<th>Subtype/Variant of NOS with Histology Code</th>
<th>Reason not reportable</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Adenoma 8140/0</strong></td>
<td>Adenoma NOS</td>
<td>Tubular adenoma 8211/0 Tubulovillous adenoma 8263/0 Villous adenoma 8261/0</td>
<td>Non-malignant</td>
</tr>
<tr>
<td><strong>Note:</strong> No malignancy in polyps</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Cowden-associated polyp No code</strong></td>
<td>Cowden disease Cowden syndrome Multiple hamartoma syndrome</td>
<td></td>
<td>Non-malignant /no code</td>
</tr>
<tr>
<td><strong>Note:</strong> No malignancy in polyps</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dysplasia, high grade 8148/2</strong></td>
<td>High-grade dysplasia Intraepithelial neoplasia, high grade</td>
<td></td>
<td><strong>CURRENTLY NOT REPORTABLE</strong></td>
</tr>
<tr>
<td><strong>Note:</strong> Colorectal primaries only (C180-C189, C199 and C209)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dysplasia, low grade 8148/0</strong></td>
<td>Intraepithelial neoplasia, low grade</td>
<td></td>
<td>Non-malignant</td>
</tr>
<tr>
<td><strong>Note:</strong> Colorectal primaries only (C180-C189, C199 and C209)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Familial adenomatous polyposis (FAP) No code

<table>
<thead>
<tr>
<th>Specific or NOS Term and Code</th>
<th>Specific Term</th>
<th>Synonyms</th>
<th>Subtype/Variant of NOS with Histology Code</th>
<th>Reason not reportable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Familial adenomatous polyposis (FAP) No code</td>
<td>Adenomatous polyposis coli</td>
<td>Bussey-Garder polyposis Familial multiple polyposis Familial polyposis coli Familial polyposis of the colon and rectum Familial polyposis of the gastrointestinal tract Gardner syndrome Multiple adenomatosis</td>
<td>Reportable only when there is cancer in a polyp</td>
<td></td>
</tr>
</tbody>
</table>

### Gangliocytic paraganglioma 8683/0

<table>
<thead>
<tr>
<th>Specific or NOS Term and Code</th>
<th>Specific Term</th>
<th>Synonyms</th>
<th>Subtype/Variant of NOS with Histology Code</th>
<th>Reason not reportable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gangliocytic paraganglioma 8683/0</td>
<td>Gangliocytic paraganglioma</td>
<td></td>
<td></td>
<td>Non-malignant</td>
</tr>
</tbody>
</table>

### Gastrointestinal stromal tumor 8936/1

<table>
<thead>
<tr>
<th>Specific or NOS Term and Code</th>
<th>Specific Term</th>
<th>Synonyms</th>
<th>Subtype/Variant of NOS with Histology Code</th>
<th>Reason not reportable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gastrointestinal stromal tumor 8936/1</td>
<td>Gastrointestinal stromal tumor</td>
<td>GIST NOS GIST, behavior not specified</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Hyperplastic polyp No code

<table>
<thead>
<tr>
<th>Specific or NOS Term and Code</th>
<th>Specific Term</th>
<th>Synonyms</th>
<th>Subtype/Variant of NOS with Histology Code</th>
<th>Reason not reportable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hyperplastic polyp No code</td>
<td>Hyperplastic polyp</td>
<td></td>
<td></td>
<td>Non-malignant/no code</td>
</tr>
</tbody>
</table>

### Inflammatory or pseudopolyp No code

<table>
<thead>
<tr>
<th>Specific or NOS Term and Code</th>
<th>Specific Term</th>
<th>Synonyms</th>
<th>Subtype/Variant of NOS with Histology Code</th>
<th>Reason not reportable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inflammatory or pseudopolyp No code</td>
<td>Inflammatory or pseudopolyp</td>
<td></td>
<td></td>
<td>Reactive lesions; mimic carcinoma</td>
</tr>
</tbody>
</table>

### Juvenile polyp No code

<table>
<thead>
<tr>
<th>Specific or NOS Term and Code</th>
<th>Specific Term</th>
<th>Synonyms</th>
<th>Subtype/Variant of NOS with Histology Code</th>
<th>Reason not reportable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Juvenile polyp No code</td>
<td>Juvenile polyp</td>
<td>Combined juvenile polyposis/hereditary Hemorrhagic telangiectasis (Osler-Webec-Rendu) syndrome Familial juvenile polyposis Generalized juvenile polyposis Hamartomatous gastrointestinal polyposis; Juvenile polyposis Juvenile polyposis coli Juvenile polyposis of infancy</td>
<td></td>
<td>Non-malignant / no code</td>
</tr>
</tbody>
</table>
## Colon, Rectosigmoid, and Rectum Equivalent Terms and Definitions

**C180-C189, C199, C209**

*(Excludes lymphoma and leukemia M9590 – M9992 and Kaposi sarcoma M9140)*

<table>
<thead>
<tr>
<th>Specific or NOS Term and Code</th>
<th>Synonyms</th>
<th>Subtype/Variant of NOS with Histology Code</th>
<th>Reason not reportable</th>
</tr>
</thead>
<tbody>
<tr>
<td>L cell glucagon-like peptide and PP/PYY-producing NETs 8152/1*</td>
<td></td>
<td></td>
<td>Non-malignant</td>
</tr>
<tr>
<td>Leiomyoma 8890/0</td>
<td></td>
<td></td>
<td>Non-malignant</td>
</tr>
<tr>
<td>Lipoma 8850/0</td>
<td></td>
<td></td>
<td>Benign accumulation of fat cells that are circumscribed or encapsulated</td>
</tr>
<tr>
<td>Low-grade appendiceal mucinous neoplasm 8480/1</td>
<td>LAMN</td>
<td></td>
<td>Non-malignant</td>
</tr>
<tr>
<td>Note: May have low-grade, non-invasive pseudomyxoma peritonei, mucinous implants in peritoneum or beyond</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lynch syndrome No code</td>
<td></td>
<td></td>
<td>Non-malignant/no code</td>
</tr>
<tr>
<td>Mesenchymal tumors</td>
<td>Granular cell tumor 9580/0 Hemangioma 9120/0</td>
<td></td>
<td>Non-malignant</td>
</tr>
<tr>
<td>Peutz-Jeghers polyp No code</td>
<td>Intraepithelial neoplasia in Peutz-Jeghers polyp(s) Periorificial lentiginosis Peutz-Jeghers polyosis Polyps-and-spots syndrome</td>
<td></td>
<td>Non-malignant/no code</td>
</tr>
</tbody>
</table>

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Colon Solid Tumor Rules 2018  
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<table>
<thead>
<tr>
<th>Specific or NOS Term and Code</th>
<th>Synonyms</th>
<th>Subtype/Variant of NOS with Histology Code</th>
<th>Reason not reportable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pseudomyxoma peritonei (when pathologist does not designate as malignant OR implants are benign) <strong>8480/1</strong></td>
<td></td>
<td></td>
<td>Non-malignant. When both implants and site of origin are benign, the case is not reportable.</td>
</tr>
</tbody>
</table>
| **Sessile serrated adenoma/polyp 8213/0*** | Serrated polyposis  
Sporadic serrated polyps  
Traditional serrated adenoma | | Non-malignant |
| **Note:** No malignancy in polyps | | | |
| **Tubular carcinoid, no malignancy 8245/1** | | | Non-malignant |

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Illustrations

Colonoscopy measurements which may be used to determine primary site when no site is designated

Colonoscopy Measurements*

Hepatic flexure
Ascending 132-147
Cecum at 150
Rectum 4-16
Rectosigmoid 15-17
Anus 0-4

Transverse 82-132
Splenic flexure
Descending 57-82

*From anal verge. Approximation only.
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GI System
Polyps and de novo or “frank” adenocarcinoma in colon

Source: http://upload.wikimedia.org/wikipedia/commons/4/44/Colon_cancer.jpg
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Large intestine; snare instrument to remove polyps
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Colon Surgery: Hemicolecotomy
The primary treatment for colon cancer is surgery. Part of the large bowel and the surrounding lymph nodes are removed. The remaining bowel is then joined together (anastomosis).

http://www.cedars-sinai.edu/Patients/Programs-and-Services/Colorectal-Cancer-Center/Services-and-Treatments/Rectal-Cancer.aspx
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Rectal Surgery
Colon, Rectosigmoid, and Rectum Multiple Primary Rules
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**Note 1:** These rules are NOT used for tumor(s) described as metastases. Metastatic tumors include but are not limited to:

- Discontinuous lesions in soft tissue adjacent to primary site
- Regional lymph nodes for the primary site being abstracted as identified in Summary Staging Manual
- Brain

- Distant lymph nodes for the primary site being abstracted as identified in Summary Staging Manual
- Liver
- Lung
- Peritoneum
- Spinal cord (not frequent)

**Note 2:** 2007 MPH Rules and 2018 Solid Tumor Rules are used based on date of diagnosis.

- Tumors diagnosed 01/01/2007 through 12/31/2017: Use 2007 MPH Rules
- Tumors diagnosed 01/01/2018 and later: Use 2018 Solid Tumor Rules
- The original tumor diagnosed before 1/1/2018 and a subsequent tumor diagnosed 1/1/2018 or later in the same primary site: Use the 2018 Solid Tumor Rules

**Unknown if Single or Multiple Tumors**

**Note:** Collision tumors are counted as two individual tumors for the purpose of determining multiple primaries. Collision tumors were originally two separate tumors that arose in close proximity. As the tumors increased in size, they merged or overlapped each other. Use the Multiple Tumors module.

**Rule M1** Abstract a single primary when it is not possible to determine if there is a single tumor or multiple tumors.

**Note 1:** Use this rule only after all information sources have been exhausted.

**Note 2:** Examples of cases with minimal information include

- Death certificate only (DCO)
- Cases for which information is limited to pathology report only
  - Outpatient biopsy with no follow-up information available
  - Multiple pathology reports which do not specify whether a single tumor or multiple tumors have been biopsied and/or resected

*This is the end of instructions for Unknown if Single or Multiple Tumors*

¹ Prepare one abstract. Use the histology rules to assign the appropriate histology code.
Colon, Rectosigmoid, and Rectum Multiple Primary Rules  
C180-C189, C199, C209  
(Excludes lymphoma and leukemia M9590 – M9992 and Kaposi sarcoma M9140)

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**Single Tumor**

*Note:* Collision tumors are counted as two individual tumors for the purpose of determining multiple primaries. Collision tumors were originally two separate tumors that arose in close proximity. As the tumors increased in size, they merged or overlapped each other. Use the Multiple Tumors module.

**Rule M2**  
Abstract a single primary\(^i\) when there is a single tumor.  
*Note 1:* A single tumor is always a single primary.  
*Note 2:* The tumor may overlap onto or extend into adjacent/contiguous site or subsites.  
*Note 3:* The tumor may have in situ and invasive components.  
*Note 4:* The tumor may have two or more histologic components.

This is the end of instructions for Single Tumor

\(^i\) Prepare one abstract. Use the histology rules to assign the appropriate histology code.
Multiple Tumors

**Note 1:** Multiple tumors may be a single primary or multiple primaries.

**Note 2:** Collision tumors are counted as two individual tumors for the purpose of determining multiple primaries. Collision tumors were originally two separate tumors that arose in close proximity. As the tumors increased in size, they merged or overlapped each other. Use the Multiple Tumors module to determine if they are a single primary or multiple primaries.

**Rule M3**

Abstract a single primary when there is adenocarcinoma in situ and/or invasive in at least one polyp AND

- There is a clinical diagnosis of familial polyposis (FAP) OR
- Greater than 100 polyps are documented (no diagnosis of FAP)

**Note 1:** A diagnosis of familial polyposis (FAP) is made when the patient has greater than 100 adenomatous polyps. Polyps with adenocarcinoma and benign polyps will be present. Because there are many polyps, the pathologist does not examine every polyp.

**Note 2:** In situ and malignant adenocarcinoma in polyps, malignancies with remnants of a polyp, as well as de novo (previously called frank) malignancies may be present in multiple segments of the colon or in both the colon and rectum. Polyposis may be present in other GI sites such as stomach (a de novo does not have to be present; all adenocarcinoma may be in polyps).

**Note 3:** FAP is a genetic disease. The characteristics of FAP are numerous precancerous polyps in the colon and rectum when the patient reaches puberty. If not treated, the polyps typically become malignant. Patients often have total colectomies.

**Note 4:** Multiple polyps in the colorectum is not equivalent to FAP.

**Note 5:** Code primary site as follows:

- Present in more than one segment of colon: C189 colon, NOS
- Present in colon and rectosigmoid OR colon and rectum: C199 rectosigmoid junction
- Present in colon and small intestine: C260 intestinal tract, NOS (there is no code for large and small bowel)

**Note:** In addition to the colon and small intestine, FAP may also be present in the:

- Stomach AND/OR
- Rectosigmoid AND/OR
- Rectum

**Example:** The patient has a diagnosis of FAP. The operative report and physician’s documentation say that polyps with adenocarcinoma were present in specimens removed from the ascending colon and the sigmoid colon. The ascending and sigmoid colon are part of the large bowel. Code the primary site C189 colon NOS.
Colon, Rectosigmoid, and Rectum Multiple Primary Rules
C180-C189, C199, C209
(Excludes lymphoma and leukemia M9590 – M9992 and Kaposi sarcoma M9140)

Rule M4  Abstract multiple primaries\(^\text{\#}\) when there are separate, non-contiguous tumors in sites with ICD-O site codes that differ at the second C\(\text{Xxx}\) and/or third C\(\text{xXx}\) character.

\textit{Note 1:} Definition of separate/non-contiguous tumors: at least two malignancies which do not overlap/merge.

\textit{Note 2:} Differences at either the second or third characters are different primary sites/multiple primaries.

\textit{Example 1:}  Breast C50\(\text{x}\) and colon C18\(\text{x}\)

\textit{Example 2:}  Colon C18\(\text{x}\) and rectum C20\(\text{9}\) (This does not include FAP- see earlier rules)

\textit{Note:} This rule does not apply to a single overlapping malignancy of colon and rectum.

Rule M5  Abstract multiple primaries\(^\text{\#}\) when separate/non-contiguous tumors are two or more different subtypes/variants in Column 3, \textbf{Table 1} in the Equivalent Terms and Definitions. Timing is irrelevant.

\textit{Note:} The tumors may be subtypes/variants of the same or different NOS histologies.

\begin{itemize}
  \item \textbf{Same NOS:} Medullary carcinoma NOS 8510/3 and tubulopapillary adenocarcinoma 8263/3 are both subtypes of adenocarcinoma NOS 8140/3 but are distinctly different histologies. Abstract multiple primaries.
  \item \textbf{Different NOS:} Goblet cell carcinoid 8243/3 is a subtype of mixed adenoneuroendocrine carcinoma 8244/3; somatostatin-producing NET 8156/3 is a subtype of neuroendocrine tumor Grade 1 (G1) 8240/3. They are distinctly different histologies. Abstract multiple primaries.
\end{itemize}

Rule M6  Abstract multiple primaries\(^\text{\#}\) when separate/non-contiguous tumors are on different rows in \textbf{Table 1} in the Equivalent Terms and Definitions. Timing is irrelevant.

\textit{Note:} Each row in the table is a distinctly different histology.
Rule M7  Abstract multiple primaries when a subsequent tumor arises at the anastomotic site AND:
• One tumor is a NOS and the other is a subtype/variant of that NOS OR
• The subsequent tumor occurs greater than 24 months after original tumor resection OR
• The subsequent tumor arises in the mucosa
  Note: Bullet three does not apply to GIST. GISTs only start in the wall; never in the mucosa.
Example: (For bullet 1: NOS and subtype/variant) The original tumor was adenocarcinoma NOS 8140. The patient had a hemicolectomy. There was a recurrence at the anastomotic site diagnosed exactly as mucinous adenocarcinoma 8480. Mucinous adenocarcinoma is a subtype/variant of the NOS adenocarcinoma, but they are two different histologies. Code two primaries, one for the original adenocarcinoma NOS and another for the subsequent anastomotic site mucinous adenocarcinoma.
Note 1: There may or may not be physician documentation of anastomotic recurrence. Follow the rules.
Note 2: When the original tumor was diagnosed prior to 1/1/2018 and was coded to adenocarcinoma in a polyp, and the anastomotic site tumor is adenocarcinoma per 2018 rules, the tumors are the same histology. ICD-O codes differ because of changes in histology coding rules. Continue through the rules.
Note 3: The tumor may or may not invade into the colon wall or adjacent tissue.
Note 4: These rules are hierarchical. Only use this rule when previous rules do not apply.

Rule M8  Abstract a single primary when a subsequent tumor arises at the anastomotic site AND:
• The subsequent tumor occurs less than or equal to 24 months after original tumor resection OR
• The tumor arises in colon/rectal wall and/or surrounding tissue; there is no involvement of the mucosa OR
• The pathologist or clinician documents an anastomotic recurrence
  Note 1: The physician may stage the subsequent tumor because the depth of invasion determines the second course of treatment.
  Note 2: These tumors are a single primary/recurrence. Registrars that collect recurrence information should record the information in the recurrence fields.

Rule M9  Abstract multiple primaries when there are separate, non-contiguous tumors in sites with ICD-O site codes that differ at the fourth characters C18X.
  Note: Differences at the fourth character include different segments of the colon. Abstract a primary for each separate non-contiguous tumor in a different segment of the colon. This rule is not used for colon NOS C189. C189 is rarely used other than DCO.
Example: The patient has adenocarcinoma in situ in a sigmoid polyp and mucinous adenocarcinoma in a polyp in the descending colon, the site code differs at the fourth character (sigmoid C187 and descending C186). Code two primaries, one for the sigmoid and another for the descending colon.
Colon, Rectosigmoid, and Rectum Multiple Primary Rules  
C180-C189, C199, C209  
(Excludes lymphoma and leukemia M9590 – M9992 and Kaposi sarcoma M9140)

Rule M10  
Abstract multiple primaries\(^4\) when the patient has a subsequent tumor after being clinically disease-free for greater than one year after the original diagnosis or last recurrence.  

**Note 1:** Clinically disease-free means that there was no evidence of recurrence on follow-up.  
- Colonoscopies are NED  
- Scans are NED

**Note 2:** When there is a recurrence less than or equal to one year of diagnosis, the “clock” starts over. The time interval is calculated from the date of last recurrence. In other words, the patient must have been disease-free for greater than one year from the date of the last recurrence.

**Note 3:** When the first course of treatment was a polypectomy only, this rule means there were no recurrences for greater than one year.

**Note 4:** When the first course of treatment was a colectomy or A&P resection, there were no anastomotic recurrences for greater than one year.

**Note 5:** When it is unknown/not documented whether the patient had a recurrence, default to date of diagnosis to compute the time interval.

**Note 6:** The physician may state this is a recurrence, meaning the patient had a previous colon tumor and now has another colon tumor. Follow the rules; do not attempt to interpret the physician’s statement.

Rule M11  
Abstract a single primary\(^1\) when synchronous, separate/non-contiguous tumors are on the same row in Table 1 in the Equivalent Terms and Definitions.  

**Note 1:** The tumors must be the same behavior. When one tumor is in situ and the other invasive, continue through the rules.

**Note 2:** The same row means the tumors are:  
- The same histology (same four-digit ICD-O code) OR  
- One is the preferred term (column 1) and the other is a synonym for the preferred term (column 2) OR  
- A NOS (column 1/column 2) and the other is a subtype/variant of that NOS (column 3)

**Note 1:** The tumors may be de novo (formerly called frank) and carcinoma in a polyp.

**Note 2:** The tumors may be adenocarcinoma in multiple polyps 8221.

Rule M12  
Abstract a single primary\(^1\) (the invasive) when an in situ tumor is diagnosed after an invasive tumor.

**Note 1:** The rules are hierarchical. Only use this rule when none of the previous rules apply.

**Note 2:** The tumors may be a NOS and a subtype/variant of that NOS. See Table 1 in the Equivalent Terms and Definitions for listings of NOS and subtype/variants.

**Note 3:** The in situ is recorded as a recurrence for those registrars who collect recurrence data.
Colon, Rectosigmoid, and Rectum Multiple Primary Rules
C180-C189, C199, C209
(Excludes lymphoma and leukemia M9590 – M9992 and Kaposi sarcoma M9140)

Rule M13  Abstract a single primary\(^1\) (the invasive) when an invasive tumor is diagnosed less than or equal to 60 days after an in situ tumor.

  Note 1: The rules are hierarchical. Only use this rule when previous rules do not apply.
  Note 2: Change behavior code on original abstract from /2 to /3. Do not change date of diagnosis.
  Note 3: If the case has already been submitted to the central registry, report all changes.
  Note 4: The physician may stage both tumors because staging and determining multiple primaries are done for different reasons. Staging determines which treatment would be most effective. Determining multiple primaries is done to stabilize the data for the study of epidemiology (long-term studies done on incidence, mortality, and causation of a disease with the goal of reducing or eliminating that disease).
  Note 5: See the COC and SEER manuals for instructions on coding data items such as Date of Diagnosis, Accession Year and Sequence Number.

Rule M14  Abstract multiple primaries\(^2\) when an invasive tumor occurs more than 60 days after an in situ tumor.

  Note 1: Abstract both the invasive and in situ tumors.
  Note 2: Abstract as multiple primaries even if physician states the invasive tumor is disease recurrence or progression. This rule is based on long-term epidemiologic studies of recurrence intervals. The specialty medical experts (SMEs) reviewed and approved these rules. Many of the SMEs were authors, co-authors, or editors of the AJCC Staging Manual.

Rule M15  Abstract a single primary\(^1\) when tumors do not meet any of the above criteria.

  Note: Use caution when applying this default rule. Please confirm that you have not overlooked an applicable rule.
  Example: The pathology states adenocarcinoma in situ 8140/2 and a second non-contiguous invasive adenocarcinoma 8140/3 in the sigmoid colon C187. Multiple tumors that are the same histology in the same primary site (same four characters of ICD-O topography code) are a single primary.

This is the end of instructions for Multiple Tumors.

\(^1\) Prepare one abstract. Use the histology rules to assign the appropriate histology code. For registries collecting recurrence data: When a subsequent tumor is “single primary,” record that subsequent tumor as a recurrence.

\(^2\) Prepare two or more abstracts. Use the histology rules to assign the appropriate histology code to each case abstracted.
Colon, Rectosigmoid, and Rectum Histology Rules
C180-C189, C199, C209
(Excludes lymphoma and leukemia M9590 – M9992 and Kaposi sarcoma M9140)

Priority Order for Using Documentation to Identify Histology

IMPORTANT NOTES
   
   Note 1: Histology changes do occur following immunotherapy, chemotherapy and radiation therapy.
   
   Note 2: Neoadjuvant treatment is any tumor-related treatment given prior to surgical removal of the malignancy.
2. Code the histology assigned by the physician. Do not change histology in order to make the case applicable to staging.

The priority list is used for single primaries (including multiple tumors abstracted as a single primary).

This is a hierarchical list of source documentation.
Code the most specific pathology/tissue from either resection or biopsy.

Note 1: The term “most specific” usually refers to a subtype/variant.

Note 2: The histology rules instruct to code the invasive histology when there are in situ and invasive components in a single tumor.

Note 3: When there is a discrepancy between the biopsy and resection (two distinctly different histologies/different rows), code the histology from the most representative specimen (the greater amount of tumor).

1. Biomarkers
2. Tissue or pathology report from primary site (in priority order)
   
   A. Addendum(s) and/or comment(s)
   
   B. Final diagnosis
   
   C. CAP protocol

Note 1: Addendums and comments on the pathology report are given a high priority because they often contain information about molecular testing, genetic testing, and/or special stains which give a more specific diagnosis.

Note 2: The pathologist’s diagnosis from the pathology report is always reliable, so the final diagnosis is the second priority.

Note 3: The CAP protocol is a checklist which:
   
   • Provides guidelines for collecting the essential data elements for complete reporting of malignant tumors and optimal patient care
   
   • Allows physicians to check multiple histologies

Note: The CAP protocol must be documented in one location. Most frequently, in the:
   
   • The pathology final diagnosis
   
   • Addendum to the path report

Jump to Equivalent Terms and Definitions
Jump to Multiple Primary Rules

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3. Tissue/pathology from a metastatic site
   
   Note 1: Code the behavior /3.
   
   Note 2: The tissue from a metastatic site often shows variations from the primary tumor. When it is the only tissue available, it is more accurate than a scan.

4. Scan: The following list is in priority order.
   
   A. CT
   B. PET
   C. MRI

5. Code the histology documented by the physician when none of the above are available. Use the documentation in the following priority order:
   
   A. Documentation from Tumor Board
   B. Documentation in the medical record that refers to original pathology, cytology, or scan(s)
   C. Physician’s reference to type of cancer (histology) in the medical record

   Note 1: Code the specific histology when documented.
   
   Note 2: Code the histology to 8000 (cancer/malignant neoplasm, NOS) or as stated by the physician when nothing more specific is documented.

6. Cytology (seldom used for colon, rectosigmoid and rectum)
Colon, Rectosigmoid, and Rectum Histology Rules
C180-C189, C199, C209
(Excludes lymphoma and leukemia M9590 – M9992 and Kaposi sarcoma M9140)

Note: Only code differentiation or features when there is a specific code for the NOS with differentiation or the NOS with features in Table 1 or the ICD-O and all updates. This instruction applies to single and multiple histologies.

Coding Multiple Histologies

Note: The priority is to code the most specific histology. DO NOT USE BREAST HISTOLOGY CODING RULES FOR THIS SITE.

1. **DO CODE** the most specific histology when any one of the following criteria are met:
   
   A. Code the histology when the exact term is documented.
   
   B. Code the histology when described as:
      
      • Subtype
      • Type
      • Variant

   Note: The most specific histology may be described as component, majority/majority of, or predominantly.

   C. Code the histology described as differentiation or features/features of ONLY when there is a specific ICD-O code for the “NOS with ____ features” or “NOS with ____ differentiation”.

   Note: Do not code differentiation or features when there is no specific ICD-O code.

   D. Code the histology described by ambiguous terminology (list follows) ONLY when:

      • Histology is clinically confirmed by a physician (attending, pathologist, oncologist, etc.)
      • Patient is receiving treatment based on the histology described by an ambiguous term
      • Case is accessioned (added to your database) based on ambiguous terminology and no other histology information is available/documentated
Colon, Rectosigmoid, and Rectum Histology Rules
C180-C189, C199, C209
(Excludes lymphoma and leukemia M9590 – M9992 and Kaposi sarcoma M9140)

List of Ambiguous Terminology

- Apparently: Most likely
- Appears: Presumed
- Comparable with: Probable
- Compatible with: Suspect(ed)
- Consistent with: Suspicious (for)
- Favor(s): Typical (of)
- Malignant appearing

**Example 1:** The pathology diagnosis is adenocarcinoma consistent with micropapillary carcinoma. The oncology consult says the patient has micropapillary carcinoma of the cecum. This is clinical confirmation of the diagnosis, code micropapillary carcinoma. The case meets the criteria in **bullet 1.**

**Example 2:** The pathology diagnosis is mixed neuroendocrine carcinoma consistent with goblet cell carcinoid. The treatment plan says the patient will receive the following treatment for goblet cell carcinoid. Treatment plan confirms goblet cell carcinoid; code goblet cell carcinoid. The case meets the criteria in **bullet 2.**

**Example 3:** Outpatient biopsy says probably malignant GIST. The case is accessioned (entered into the database) as required by both SEER and COC. No further information is available. Code the histology malignant GIST. The case meets the criteria in **bullet 3.**

**Note:** If the histology described by ambiguous terminology does not meet any of the criteria in bullets 1, 2, or 3, **DO NOT CODE** the histology.

2. **Do not code** histology when described as:
   - Architecture
   - Foci; focus; focal
   - Pattern
Colon, Rectosigmoid, and Rectum Histology Rules
C180-C189, C199, C209
(Excludes lymphoma and leukemia M9590 – M9992 and Kaposi sarcoma M9140)

**Single Tumor**

**Rule H1**  Code adenocarcinoma with neuroendocrine differentiation 8574 when the final diagnosis is exactly “adenocarcinoma with neuroendocrine differentiation”.

*Note:* Do not use this code when:
- The diagnosis is any subtype/variant of adenocarcinoma with neuroendocrine differentiation
- Any modifier other than differentiation is used, i.e., adenocarcinoma with neuroendocrine features

**Rule H2**  Code the specific histology and ignore the polyp when a carcinoma originates in a polyp.

*Note 1:* This is a change from the 2007 MPH rules which instructed registrars to use the codes for malignancies in a polyp, such as adenocarcinoma in a polyp 8210.

*Note 2:* Sufficient data has been collected to:
- Determine the frequency with which carcinomas arise within polyps
- Establish patient care guidelines for individuals with colon polyps

*Example:* Colonoscopy with polypectomy finds mucinous adenocarcinoma in the polyp. Code mucinous adenocarcinoma 8480.

**Rule H3**  Code combined small cell carcinoma 8045 when the final diagnosis is small cell carcinoma AND any other carcinoma.

*Examples:*
- Small cell carcinoma 8041 and adenocarcinoma 8140
- Small cell carcinoma 8041 and neuroendocrine carcinoma 8246

**Rule H4**  Code mixed mucinous and signet ring cell as follows:
- Adenocarcinoma with mucinous and signet ring features – code adenocarcinoma 8140
- Mucinous carcinoma and signet ring cell carcinoma:
  - Mucinous carcinoma documented as greater than 50% – code mucinous carcinoma 8480
  - Signet ring cell carcinoma documented as greater than 50% – code signet ring cell carcinoma 8490
  - Percentage of mucinous carcinoma and signet ring cell carcinoma unknown/not designated - code adenocarcinoma mixed subtypes 8255
Colon, Rectosigmoid, and Rectum Histology Rules
C180-C189, C199, C209
(Excludes lymphoma and leukemia M9590 – M9992 and Kaposi sarcoma M9140)

Rule H5 Code adenocarcinoma NOS 8140 when the final diagnosis is:
• Two histologies:
  o Adenocarcinoma and mucinous carcinoma
    • Percentage of mucinous unknown/not documented
    • Mucinous documented as less than 50% of tumor
  o Adenocarcinoma and signet ring cell carcinoma
    • Percentage of signet ring unknown/not documented
    • Signet ring cell documented as less than 50% of tumor
• Adenocarcinoma in a polyp OR
  Note 1: This is a change from 2007 MPH rules.
  Note 2: Sufficient data has been collected to determine the frequency with which carcinomas arise within polyps as well as establish patient care guidelines for individuals with colon polyps.
• Exactly adenocarcinoma OR
• Intestinal type adenocarcinoma OR adenocarcinoma intestinal type (no modifiers or additional histologic terms).
  Note 1: Code 8140 adenocarcinoma NOS even if pathology says intestinal type adenocarcinoma.
  Note 2: Do not use code 8144 adenocarcinoma intestinal type in colorectal primaries. Intestinal type adenocarcinoma 8144 is used for tumors which occur in the stomach, head and neck, and specific GYN sites. It is called intestinal because it resembles carcinoma which occurs in the colon, rectosigmoid or rectum.
  Note 3: When a diagnosis of intestinal type adenocarcinoma is further described by a specific term (such as mucinous intestinal type adenocarcinoma or signet ring cell intestinal type adenocarcinoma), it would be treated as an adenocarcinoma with a subtype/variant.
Colon, Rectosigmoid, and Rectum Histology Rules
C180-C189, C199, C209
(Excludes lymphoma and leukemia M9590 – M9992 and Kaposi sarcoma M9140)

Rule H6  Code invasive mucinous adenocarcinoma 8480 when the diagnosis is any of the following:
• Exactly “mucinous adenocarcinoma” (no modifiers)
• High-grade pseudomyxoma peritonei
• Invasive pseudomyxoma peritonei
• Malignant pseudomyxoma peritonei

Note 1: Be very careful when determining primary site; almost all pseudomyxoma peritonei originate in the appendix C181. However, it can be metastatic disease from sites such as bowel, ovary, or bladder. Code the primary site as designated by a physician. When the primary site is not designated, code unknown primary C809 and the histology as mucinous carcinoma 8480.

Note 2: Report the appendiceal mucinous neoplasm as malignant /3 using the ICD-O matrix principle and the SEER and COC Manuals when the pathology from the appendix is low-grade mucinous neoplasm (not reportable) AND
• The pseudomyxoma peritonei are high-grade/invasive/malignant OR
• Patient is treated for malignant pseudomyxoma peritonei

Note 3: The following are non-reportable:
• Appendiceal neoplasm with low-grade pseudomyxoma peritonei AND no treatment
• No designation of high- or low-grade for the appendiceal neoplasm AND no treatment for the pseudomyxoma peritonei

Rule H7  Code the histology when only one histology is present.

Note 1: Use Table 1 to code histology. New codes, terms, and synonyms are included in Table 1 and coding errors may occur if the table is not used.

Note 2: Use the ICD-O and all updates when the histology is not listed in Table 1.

Note 3: Submit a question to Ask a SEER Registrar when the histology code is not found in Table 1, ICD-O or all updates.

Rule H8  Code the invasive histology when in situ and invasive histologies are present in the same tumor.
Colon, Rectosigmoid, and Rectum Histology Rules
C180-C189, C199, C209
(Excludes lymphoma and leukemia M9590 – M9992 and Kaposi sarcoma M9140)

Rule H9 Code the **subtype/variant** when there is a **NOS** and a **single subtype/variant** of that NOS such as the following:

- Adenocarcinoma 8140 and a subtype/variant of adenocarcinoma
- Mixed adenoneuroendocrine carcinoma 8244 and a subtype/variant of mixed adenoneuroendocrine carcinoma
- Neuroendocrine carcinoma 8246 and a subtype/variant of neuroendocrine carcinoma
- Neuroendocrine tumor Grade 1 (G1) 8240 and a subtype/variant of neuroendocrine tumor Grade 1 (G1)
- Sarcoma 8800 and a subtype/variant of sarcoma

**Note 1:** See Table 1 in the Equivalent Terms and Definitions to find NOS and subtypes/variants.

**Note 2:** Only code subtypes/variant when pathology gives an exact diagnosis. Do not code the subtype/variant when modified by terms such as differentiation, features of, etc., unless there is a specific code for the histology term with the modifier.

This is the end of instructions for Single Tumor.

Code the histology using the rule that fits the case.

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**Multiple Tumors Abstracted as a Single Primary**

**Note:** Multiple tumors must be a single primary to use this module. See the **Multiple Primary Rules** to determine whether these tumors are a single primary.

**Rule H10** Code adenocarcinoma in familial adenomatous polyposis coli (FAP) 8220 when clinical history says the patient has familial polyposis AND

- The final diagnosis on the pathology report from resection is adenocarcinoma in FAP OR
- There are greater than 100 polyps identified in the resected specimen

**Note 1:** Use this rule only when there are multiple polyps. Do not use for a single polyp (adenoma) or for a de novo (frank) malignancy and a malignancy in a single polyp.

**Note 2:** Use this rule ONLY for adenocarcinoma in FAP.

**Note 3:** The disease process, treatment, and prognosis for FAP is not as favorable as a single polyp with adenocarcinoma.
Colon, Rectosigmoid, and Rectum Histology Rules  
C180-C189, C199, C209  
(Excludes lymphoma and leukemia M9590 – M9992 and Kaposi sarcoma M9140)

Rule H11  Code adenocarcinoma in multiple adenomatous polyps 8221 when FAP is not mentioned AND  
• There are at least 2 polyps with adenocarcinoma /2 or /3 AND  
  o Less than or equal to 100 polyps are identified OR  
  o The exact number of polyps is unknown/not documented  
\[Note 1: \textbf{Do not use} this code for a malignancy in a single polyp (adenoma) or for a de novo (frank) malignancy.\]  
\[Note 2: Use this rule ONLY for adenocarcinoma NOS in multiple polyps.\]

Rule H12  Code the histology of the invasive tumor when there are in situ /2 and invasive /3 tumors.  
• One tumor is in situ and the other is invasive  
• All tumors are a mixture of in situ and invasive histology

Rule H13  Code the histology when only one histology is present in all tumors.  
\[Note 1: \textbf{Use} Table 1 to code histology. New codes, terms, and synonyms are included in Table 1 and coding errors may occur if the table is not used.\]  
\[Note 2: \textbf{When the histology is not listed} in Table 1, use the ICD-O and all updates.\]  
\[Note 3: \textbf{Submit a question to Ask a SEER Registrar} when the histology code is not found in Table 1, ICD-O or all updates.\]

Rule H14  Code the subtype/variant when the diagnosis is a NOS and a single subtype/variant of that NOS such as the following:  
• Adenocarcinoma 8140 and a subtype/variant of adenocarcinoma  
• Mixed adenoneuroendocrine carcinoma 8244 and a subtype/variant of mixed adenoneuroendocrine carcinoma  
• Neuroendocrine carcinoma 8246 and a subtype/variant of neuroendocrine carcinoma  
• Neuroendocrine tumor Grade 1 (G1) 8240 and a subtype/variant of neuroendocrine tumor Grade 1 (G1)  
• Sarcoma 8800 and a subtype/variant of sarcoma  
\[Note 1: \textbf{All tumors may be mixed histologies} (NOS and a subtype/variant of that NOS) OR one tumor may be a NOS histology and the other tumor a subtype/variant of that NOS.\]  
\[Note 2: \textbf{See} Table 1 in the Equivalent Terms and Definitions to find NOS and subtypes/variants.\]  
\[Note 3: \textbf{Check the Multiple Primary Rules} to confirm that the tumors are a single primary.\]  
\[Note 4: \textbf{Only code subtypes/variant when pathology gives an exact diagnosis. Do not code the subtype/variant when modified by terms such as differentiation, features of, etc., unless there is a specific code for the histology term with the modifier.}\]

\[This is the end of instructions for Multiple Tumors Abstracted as a Single Primary.\]

Code the histology using the rule that fits the case.