Colon Multiple Primary Rules - Flowchart

(C180-C189)
(Excludes lymphoma and leukemia M9590-9989 and Kaposi sarcoma M9140)

* Prepare one abstract. Use the histology coding rules to assign the appropriate histology code.
** Prepare two or more abstracts. Use the histology coding rules to assign the appropriate histology code to each case abstracted.

**Flowchart Key**

- question
- Decision
- Note
- FlowDirection

**Unknown if Single or Multiple Tumors**

- **M1** Is it impossible to determine if there is a single tumor or multiple tumors?
  - YES
  - **SINGLE Primary**
  - END OF INSTRUCTIONS FOR SINGULAR TUMORS.
  - NOTES: Tumor(s) not described as metastasis
  - USE THIS RULE ONLY AFTER ALL INFORMATION SOURCES HAVE BEEN EXHAUSTED.
  - NO
  - Go to Single Tumor or Multiple Tumors

**Single Tumor**

- **M2** Is there a single tumor?
  - YES
  - **SINGLE Primary**
  - END OF INSTRUCTIONS FOR SINGLE TUMOR.
  - NOTES: The tumor may overlap onto or extend into adjacent/contiguous site or subsite.
  - NO
  - Go to Multiple Tumors.
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<th>DECISION</th>
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| **M3**
Is there adenocarcinoma in adenomatous polyposis coli (*familial polyposis*) with one or more malignant polyps? | YES | SINGLE Primary
Tumors may be present in multiple segments of the colon or in a single segment of the colon. |
| NO | | |
| **M4**
Are there tumors in sites with ICD-O-3 topography codes that are **different** at the second (C20x), third (C30x) and/or fourth (C18x) character? | YES | MULTIPLE Primaries** |
| NO | | |
| **M5**
Are there tumors diagnosed **more than one** (1) year apart? | YES | MULTIPLE Primaries** |
| NO | | |
Is there an invasive tumor following an in situ tumor more than 60 days after diagnosis?  

**M6**

- **YES** → MULTIPLE Primaries**
- **NO** → NEXT PAGE

Is there a frank malignant or in situ adenocarcinoma and an in situ or malignant tumor in a polyp?  

**M7**

- **YES** → SINGLE Primary*
- **NO** → NEXT PAGE

**NOTES**

1. Tumors not described as metastases.
2. Includes combinations of in situ and invasive.

1. The purpose of this rule is to ensure that the case is counted as an incident (invasive) case when incidence data are analyzed.
2. Abstract as multiple primaries even if the medical record/physician states it is recurrence or progression of disease.
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### MULTIPLE TUMORS, continued

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<td><em>question</em></td>
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**Flow Direction**

**Notes**

**question**

**decision**

**flow direction**

**Notes**

<table>
<thead>
<tr>
<th>M8</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Is there cancer/malignant neoplasm, NOS (8000) and another is a specific histology?</td>
<td>YES</td>
</tr>
<tr>
<td></td>
<td>NO</td>
</tr>
<tr>
<td>Is there carcinoma, NOS (8010) and another is a specific carcinoma?</td>
<td>YES</td>
</tr>
<tr>
<td></td>
<td>NO</td>
</tr>
<tr>
<td>Is there adenocarcinoma, NOS (8140) and another is a specific adenocarcinoma?</td>
<td>YES</td>
</tr>
<tr>
<td></td>
<td>NO</td>
</tr>
<tr>
<td>Is there sarcoma, NOS (8800) and another is a specific sarcoma?</td>
<td>YES</td>
</tr>
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Next Page
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**M1**
Do the tumors have ICD-O-3 histology codes that are different at the first (xxx), second (xxx), or third (xxx) number?

YES

**M9**
Are there multiple in situ and/or malignant polyps?

YES

SINGLE Primary*

NO

**M10**
Do the tumors have ICD-O-3 histology codes that are different at the first (xxx), second (xxx), or third (xxx) number?

YES

MULTIPLE Primaries**

NO

**M11**
Does not meet any of the above criteria. (M1 through M10)

YES

SINGLE Primary*

NO

ERROR: Recheck rules. Stop when a match is found.

NOTES

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<tr>
<td>1. Tumors not described as metastases.</td>
<td>1. When an invasive tumor follows an in situ tumor within 60 days, abstract as a single primary.</td>
</tr>
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<td>2. Includes combinations of in situ and invasive.</td>
<td>2. All cases covered by Rule M11 are in the same segment of the colon.</td>
</tr>
</tbody>
</table>

End of instructions for Multiple Tumors.