Kidney  Multiple Primary Rules - Flowchart

(C649)

(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

<table>
<thead>
<tr>
<th>Flowchart Key</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Question</td>
<td>Note</td>
</tr>
<tr>
<td>Decision</td>
<td>Flow Decision</td>
</tr>
</tbody>
</table>

** Flowchart: Kidney Multiple Primary Rules - Flowchart**

**Unknown if Single or Multiple Tumors**

1. **M1**
   - Is it impossible to determine if there is a single tumor or multiple tumors?
     - NO: Go to Single Tumor or Multiple Tumors.
     - YES: SINGLE Primary

**Single Tumor**

1. **M2**
   - Is there a single tumor?
     - NO: Go to Multiple Tumors.
     - YES: SINGLE Primary

**Notes**

- Tumor(s) not described as metastasis.
- Use this rule only after all information sources have been exhausted.
- The tumor may overlap onto or extend into adjacent/contiguous site or subsite.

1. Tumor not described as metastasis.
2. Includes combinations of in situ and invasive.
Kidney Multiple Primary Rules - Flowchart

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

** Preparing one abstract. Use the histology coding rules to assign the appropriate histology code.

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

MULTIPLE TUMORS

Multiple tumors may be a single primary or multiple primaries.

** Flowchart Key

- ** Note question
- ** Decision
- ** Note

M3

Is the diagnosis Wilms tumor?

YES

SINGLE Primary*

NO

M4

Are there tumors in sites with ICD-O-3 topography codes that are different at the second (CXX) and/or third character (CXXX)?

YES

MULTIPLE Primaries**

NO

M5

Are there tumors in both the left and right kidney?

YES

MULTIPLE Primaries**

NO

Abstract as a single primary when the tumors in one kidney are documented to be metastatic from the other kidney.
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<tr>
<th>MULTIPLE TUMORS, continued</th>
<th>DECISION</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Are there tumors diagnosed more than three (3) years apart?</td>
<td>YES</td>
<td>MULTIPLE Primaries**</td>
</tr>
<tr>
<td>NO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Is there an invasive tumor following an in situ tumor more than 60 days after diagnosis?</td>
<td>YES</td>
<td>MULTIPLE Primaries**</td>
</tr>
<tr>
<td>NO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Is there one tumor with a specific renal cell type and another tumor with a different specific renal cell type (Table 1)?</td>
<td>YES</td>
<td>MULTIPLE Primaries**</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
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</table>

Next Page

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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*(C649)*

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---

**Flowchart Key**

- **question**: A decision node
- **Decision**: An arrow indicating the decision point
- **Note**: A note added to the flowchart

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**Multiple Tumors, continued**  

**Decision**

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

---

**NOTES**

1: The specific histology for *in situ* tumors may be identified as pattern, architecture, type, subtype, predominantly, with features of, major, or with ____differentiation

2: The specific histology for *invasive* tumors may be identified as type, subtype, predominantly, with features of, major, or with ____differentiation.

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**Flowchart Diagram**

1. **M9**
   - Is there cancer/malignant neoplasm, NOS (8000) *and* another is a specific histology?
     - **YES**
     - Is there carcinoma, NOS (8010) *and* the other is a specific carcinoma?
       - **YES**
         - SINGLE Primary*
       - **NO**
         - Is there adenocarcinoma, NOS (8140) *and* another is a specific adenocarcinoma?
           - **YES**
             - MULTIPLE Primaries**
           - **NO**
             - Is there renal cell carcinoma, NOS (8312) and the other is a single renal cell type (Table 1)?
               - **YES**
               - MULTIPLE Primaries**
               - **NO**
                 - Next Page
               
2. **M10**
   - Do the tumors have ICD-O-3 histology codes that are different at the first (x xxx), second (xxx), or third (xxx) number?
     - **YES**
     - MULTIPLE Primaries**
     - **NO**
       - Next Page
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**Multiple Tumors, continued**

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<td>2. Includes combinations of in situ and invasive.</td>
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**M11**

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

YES

SINGLE Primary

End of instructions for Multiple Tumors.

NO

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

**Rule M11 Examples:** The following are examples of cases that use Rule M11. This is NOT intended to be an exhaustive set of examples; there are other cases that may be classified as a single primary. **Warning:** Using only these case examples to determine the number of primaries can result in major errors.

<table>
<thead>
<tr>
<th>Example 1</th>
<th>Example 2</th>
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<tr>
<td>Multiple tumors in one kidney with the same histology</td>
<td>An in situ and invasive tumor diagnosed within 60 days</td>
</tr>
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