



National Cancer Institute

# Hematopoietic and Lymphoid Neoplasm Project





# Primary Site and Histology Rules

Peggy Adamo, RHIT, CTR

NCI SEER

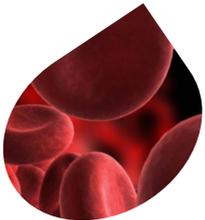
October 2009



# PH Rules

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- Rules apply to
  - Problematic sites
  - Problematic histologies
  - Terms





# ***Note 1***

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Use the Primary Site and Histology Rules  
**before** using the Hematopoietic DB





## ***Note 2***

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The primary site and histology coding rules are divided into nine modules. Each **module** covers a group of **related** hematopoietic or lymphoid **neoplasms**. However, a specific histology may be covered in more than one module.





## ***Note 3***

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The **modules** are **not hierarchical**, but the **rules** within each module are in **hierarchical** order. Apply the rules **within each module** in order. **Stop** at the first rule that applies





## **Note 4**

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Apply rules in Module 1 first. Then go to the **first module** that **applies** to the case you are abstracting. If the situation in your case is not covered in that module **continue on as directed** after the last rule in the module.



# Lymph Node/Lymph Node Chain Reference Table

Lymph Node/Lymph Node Chain	ICD-O-3 Code	ICD-O-3 Lymph Node Region(s)	AJCC Lymph Node Region(s)
Abdominal	C772	Intra-abdominal	Pelvic, right and left*
Anorectal	C772	Intra-abdominal	Pelvic, right and left*
Anterior axillary	C773	Axilla or arm	Axillary, right and left*
Anterior cecal	C772	Intra-abdominal	Para-aortic
Anterior deep cervical	C770	Head, face and neck	Cervical, right and left*
Anterior jugular	C770	Head, face and neck	Cervical, right and left*
Aortic NOS; ascending aortic lateral aortic; lumbar aortic; para-aortic; peri-aortic	C772	Intra-abdominal	Para-aortic





**Module 7**    **Primary Site Rules for  
Lymphomas Only**

**Histology**    **9590/3-9729/3**

**Rules**         **PH25-PH37**



# Module 7: Rule PH25

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Code the primary site to the specific lymph node region when only **one lymph node or one lymph node region** is involved





# Module 7: Rule PH26

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Code the primary site mediastinal lymph nodes (C771) when the site of lymphoma is described **only** as a **mediastinal mass**





# Module 7: Rule PH27

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Code the primary site intra-abdominal lymph nodes (C772) when the site of lymphoma is described **only** as a **retroperitoneal mass** or as a **mesenteric mass**





# Module 7: Rule PH28

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Code the primary site inguinal lymph nodes (C774) when the site of lymphoma is described **only** as an **inguinal mass**





# Module 7: Rule PH29

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Code the primary site to the specific lymph node region when **multiple lymph node chains** within the **same region** (as defined by ICD-O-3) are involved





# Module 7: Rule PH29, Examples

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- **Example 1:** Code intra-abdominal lymph nodes (C772) when there is involvement of hepatic (C772) and para-aortic lymph node chains (C772).
- **Example 2:** Code lymph nodes of head, face and neck (C770) when there is involvement of cervical (C770) and mandibular (C770) lymph node chains.
- **Example 3:** Code mediastinal lymph nodes (C771) when bilateral mediastinal lymph nodes are involved





# Module 7: Rule PH30

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Code the primary site as multiple lymph node regions, NOS when multiple lymph node regions (C778) as defined by ICD-O-3 are involved and  
**it is not possible to identify the lymph node region where the lymphoma originated**





# Module 7: Rule PH30, *Notes*

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- **Note 1:** Do not simply code the site of a biopsy; use the information available from scans to determine the correct primary site. See Module 1 for more information on coding primary site for lymphoma.
- **Note 2:** See Appendix C for help in identifying lymph node names, chains, regions, and codes.





# Module 7: Rule PH30, Examples

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- **Example 1:** Cervical and intrathoracic lymph nodes involved with B-cell lymphoma. Code the primary site to lymph nodes of multiple regions (C778).
- **Example 2:** CT scans showed involvement of the cervical lymph nodes (C770) and the mediastinal lymph nodes (C771). No additional involvement was identified during the work-up. Biopsy of a cervical lymph node confirmed lymphoma. Code the primary site to lymph nodes of multiple regions (C778)





# Module 7: Rule PH31

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Code the primary site to lymph nodes, NOS (C779) when lymph node(s) are involved but **no primary site/particular lymph node region** is identified





# Module 7: Rule PH32

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Code the primary site to bone marrow (C421) when lymphoma is **present only in the bone marrow**

- **Note:** All available physical exams, scans, and other work-up must be negative for lymph node, tissue, or organ involvement





# Module 7: Rule PH33

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Code the primary site to the specific organ when

**lymphoma is present only in an organ**

- **Note:** Includes lymphomas that are primary in the spleen. Although these lymphomas are rare, if the physician states that spleen is the organ of origin, code the primary site spleen (C422).





# Module 7: Rule PH33, Example

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Pathology from stomach resection shows lymphoma. No other pathologic or clinical disease identified. Code the primary site to stomach, NOS (C169)





# Module 7: Rule PH34

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Code the primary site to the lymph node region as defined by ICD-O-3 when there is **proof of extension from the regional lymph nodes into the organ**





# Module 7: Rule PH34, Example

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Patient presents with abdominal adenopathy. Surgical exploration documents direct invasion of the stomach from the regional lymph nodes. Code abdominal lymph nodes (C772)





# Module 7: Rule PH35

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Code the primary site to the organ when lymphoma is present in an **organ** and that organ's **regional lymph nodes**

- **Note:** Use the Collaborative Stage Data Collection System to determine regional vs. distant lymph nodes.





# Module 7: Rule PH35, Examples

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- **Example 1:** Lymphoma is present in the kidney and peri-renal lymph nodes. Code the primary site to kidney (C649)
- **Example 2:** Lymphoma is present in the stomach and the gastric lymph nodes. Code the primary site to stomach, NOS (C169)
- **Example 3:** Lymphoma is present in the spleen and the splenic lymph nodes. Code the primary site spleen (C422)

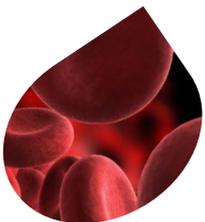




# Module 7: Rule PH36

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Code the primary site to lymph nodes, NOS (C779) when **lymphoma** is present in an **organ(s)** and **lymph nodes** that are **not regional** for that organ and the **origin cannot be determined** even after consulting the physician





# Module 7: Rule PH36, *Note 1*

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Lymphoma can spread from organs to **regional** lymph nodes, but does **not** spread from the organ directly to **distant** lymph nodes

**Example:** The patient has positive mediastinal (C771) and cervical (C770) lymph nodes and involvement of the stomach (C169). No further information is available. Code to lymph node, NOS (C779)





# Module 7: Rule PH36, *Notes 2, 3*

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- **Note 2:** Use the Collaborative Stage Data Collection System to determine regional vs. distant lymph nodes
- **Note 3:** See Appendix C for help in identifying lymph node names, chains, regions, and codes





# Module 7: Rule PH37

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Code primary site to unknown primary site (C809) only when there is **no evidence of lymphoma in lymph nodes** AND the physician documents in the medical record that he/she suspects that the **lymphoma originates in an organ(s)**. See ICD-O-3 Rule D





# ICD-O-3 Rule D (page 26)

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- ...If no site is indicated for a lymphoma and it is suspected to be extranodal, code to C809 (unknown primary site).





# Module 7: endnote

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**When this module does not apply to the case being abstracted, go to Module 8**





**Module 8**  
**Histology**  
**Rules**

**Histology Rules Only**  
**9590/3-9992/3**  
**PH38 - PH39**



# Module 8: Rule PH38

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Code the non-specific (**NOS**) histology when the diagnosis is

- **One non-specific histology AND**
- **Two or more specific histologies AND**
- The hematopoietic DB multiple primaries calculator documents the specific histologies and NOS are the **same primary AND**
- No further information is available





# Module 8: Rule PH38, *Notes*

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- **Note 1:** Use Appendix E: Histology “NOS” Tables to identify the NOS histologies.
- **Note 2:** Use the Hematopoietic DB multiple primaries calculator to confirm that the NOS and specific histologies are the same primary.

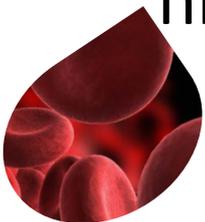




# Module 8: Rule PH38, Example

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The diagnosis is myeloproliferative disorder, NOS (9960/3), polycythemia vera (9950/3), essential thrombocythemia (9962/3). The Hematopoietic DB multiple primaries calculator shows myeloproliferative disorder and polycythemia vera are the same primary. The multiple primaries calculator also shows myeloproliferative disorder and essential thrombocythemia are the same primary. Follow-back produces no additional information. Code the histology myeloproliferative disorder, NOS (9960/3).





# Module 8: Rule PH39

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Code the **specific** histology when the diagnosis is

- One **non-specific** (NOS) histology **AND**
- One **specific histology AND**
- The Hematopoietic DB multiple primaries calculator documents the specific histology and NOS are the **same primary**





# Module 8: Rule PH39, *Notes*

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- **Note 1:** Use Appendix E: Histology “NOS” Tables to identify the NOS histologies.
- **Note 2:** Use the Hematopoietic DB multiple primaries calculator to confirm that the NOS and specific histology are the same primary

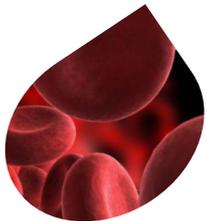




# Module 8: endnote

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**When this module does not apply to the case being abstracted, go to Module 9**





**Module 9**  
**Histology**  
**Rules**

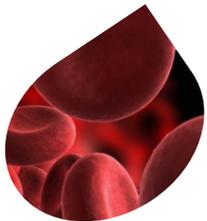
**Default Rules**  
**9590/3-9992/3**  
**PH40-PH41**



# Module 9: Rule PH40

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Use the **Hematopoietic DB** to determine the primary site and histology when rules PH1-PH39 do **not** apply





# Module 9: Rule PH41

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When the histology code cannot be determined using the Hematopoietic DB, code the histology with the **numerically higher ICD-O-3 code**





# Conclusion

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- The new hematopoietic and lymphoid neoplasm rules go into effect for cases diagnosed **January 1, 2010, and after**
- Email address for questions [askseerctr@imsweb.com](mailto:askseerctr@imsweb.com)

