Hematopoietic and Lymphoid Neop Project Lymphoid Neoplasm





Multiple Primary Rules and using the Hemato Database Multiple Primaries Calculator

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Multiple Primary Rules

- 3 formats
 - Text
 - Matrix
 - Flowchart
- Use Multiple Primary Rules and Database
 - First Apply the Rules
 - If necessary Apply Multiple Primary Calculator
- DO NOT GO DIRECTLY to the Database



MP Rules - Note 1

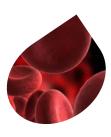
Use Multiple Primary Rules M1 through M12
 before using the Hematopoietic DB.





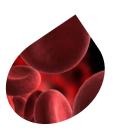
MP Rules - Note 2

 The registrar must recognize that during the diagnostic workup the physician may start with a non-specific diagnosis (NOS) and as testing is completed, a more specific histology is identified. These diagnoses are not multiple primaries; they represent steps in the diagnostic work-up. See rules M7-M12.



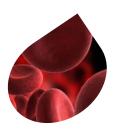


 Abstract as a single primary when minimal information is available (such as a death certificate only (DCO) case or a pathologyreport-only case). *



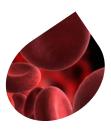


- Abstract as a single primary when there is a single histology.*
 - Example 1: The diagnosis is multiple myeloma (9732/3). Abstract as a single primary.
 - Example 2: Multiple extraosseous plasmacytomas (9734/3) are present in the oropharynx. Abstract as a single primary.





• **Example 3:** A single histology diagnosed by the definitive diagnostic method as defined in the Hematopoietic DB; for example. The patient had several provisional diagnoses but the definitive diagnostic method identifies a single histology. Abstract as a single primary.





Flowchart Version

Multiple Primary Rules - Flowchart Hematopoieticand Lymphoid Neoplasm

Use Multiple Primary RulesM1 through M13 before using the Hematopoietic DB.

*Prepare one abstract. Use the primary site and histology coding rules to assign the appropriate primary site and histology codes.

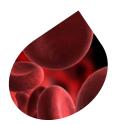
"Prepare two or more abstracts. Use the primary site and histology coding rules to assign the appropriate primary site and histology codes to each case abstracted.

UNKNOWN IF SINGLE OR MULTIPLE TUMORS	DECISION	NOTES and EXAMPLES
		The registrar must recognize that during the diagnostiworkup the physician may start with a non-specific diagnosis (NOS) and as testing is completed, a more specific histology is identified. These diagnoses are not multiple primaries; they represent steps in the diagnostic work-up. See rule#/7 - M12.

Flowchart Key

question

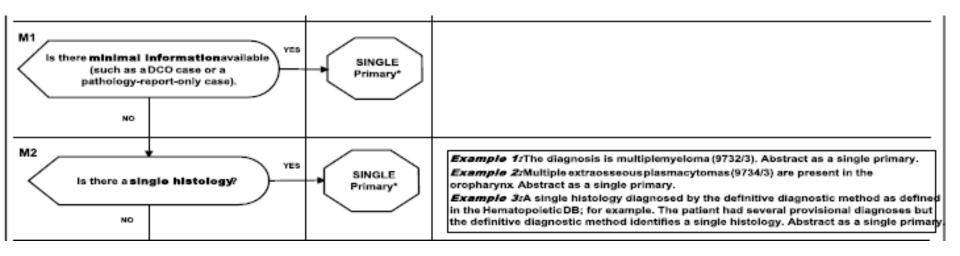
Decision

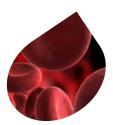


Flow Director



Rules M1 and M2 - Flowchart





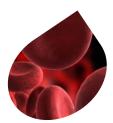


Matrix Version

Multiple Primary Rules Matrix Format

- Note 1: Use Multiple Primary Rules M1 through M13 before using the Hematopoietic DB.
- Note 2: The registrar must recognize that during the diagnostic workup the physician may start with a non-specific diagnosis (NOS) and as testing is completed, a more specific histology is identified. These diagnoses are not multiple primaries; they represent steps in the diagnostic work-up. See rules M7-M12.

Rule Histology Number of Primaries	Examples/Comments
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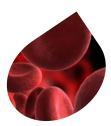
Rules M1 and M2 - Matrix

Multiple Primary Rules Matrix Format

Note 1: Use Multiple Primary Rules M1 through M13 before using the Hematopoietic DB.

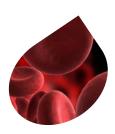
Note 2: The registrar must recognize that during the diagnostic workup the physician may start with a non-specific diagnosis (NOS) and as testing is completed, a more specific histology is identified. These diagnoses are not multiple primaries; they represent steps in the diagnostic work-up. See rules M7-M12.

Rule #	Histology	Number of Primaries	Examples/Comments
M1	Minimal information available, such as DCO case or a pathology only case	Single*	
M2	Single histology	Single*	Example 1: The diagnosis is multiple myeloma (9732/3). Abstract as a single primary. Example 2: Multiple extraosseous plasmacytomas (9734/3) are present in the oropharynx. Abstract as a single primary. Example 3: A single histology diagnosed by the definitive diagnostic method as defined in the Hematopoietic DB; for example. The patient had several provisional diagnoses but the definitive diagnostic method identifies a single histology. Abstract as a single primary.





- Abstract as a single primary when two or more types of non-Hodgkin lymphoma are present in the same anatomic location(s), such as one lymph node region, one organ, or one tissue.*
 - **Example:** Biopsy of cervical lymph node shows **two** different non-Hodgkin lymphomas. Abstract as a single primary.





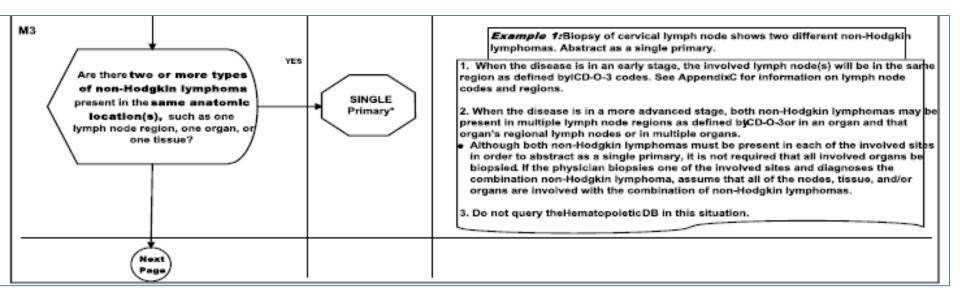
- **Note 1:** When the disease is in an early stage, the involved lymph node(s) will be in the same region as defined by ICD-O-3 codes. See Appendix C for information on lymph node codes and regions.
- **Note 2:** When the disease is in a more advanced stage, both non-Hodgkin lymphomas may be present in multiple lymph node regions as defined by ICD-O-3 or in an organ and that organ's regional lymph nodes or in multiple organs. (additional note next slide)
- Note 3: Do <u>not</u> query the Hematopoietic DB in this <u>situation</u>.

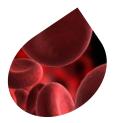


 Although both non-Hodgkin lymphomas must be present in each of the involved sites in order to abstract as a single primary, it is not required that all involved organs be biopsied. If the physician biopsies one of the involved sites and diagnoses the combination non-Hodgkin lymphoma, assume that all of the nodes, tissue, and/or organs are involved with the combination of non-Hodgkin lymphomas.



Rule M3 - Flowchart

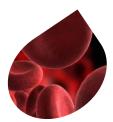






Rule M3 - Matrix

M	3 Two or more types of non-Hodgkin	Single*	Example: Biopsy of cervical lymph node shows two different non-Hodgkin lymphomas.
	lymphoma are present in the same anatomic location(s), such as • One lymph node region OR • One organ OR	Single	Abstract as a single primary. Note 1: When the disease is in an early stage, the involved lymph node(s) will be in the same region as defined by ICD-O-3 codes. See Appendix C for information on lymph node codes and regions. Note 2: When the disease is in a more advanced stage, both non-Hodgkin lymphomas may be
	One tissue		present in multiple lymph node regions as defined by ICD-O-3or in an organ and that organ's regional lymph nodes or in multiple organs. Although both non-Hodgkin lymphomas must be present in each of the involved sites in order to abstract as a single primary, it is not required that all involved organs be biopsied. If the physician biopsies one of the involved sites and diagnoses the combination non-Hodgkin lymphoma, assume that all of the nodes, tissue, and/or organs are involved with the combination of non-Hodgkin lymphomas. Note 3: Do not query the Hematopoietic DB in this situation.





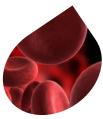
- Abstract as a single primary when both
 Hodgkin and non-Hodgkin lymphoma are
 present in the same anatomic location(s).
 Hodgkin and non-Hodgkin may be present in
 one lymph node region, one organ, or one
 tissue.*
 - Example: Biopsy of cervical lymph node shows Hodgkin and non-Hodgkin lymphomas. Abstract as a single primary.



- **Note 1:** When the disease is in an early stage, the involved lymph node(s) will be in the same region as defined by ICD-O-3 codes. See Appendix C for lymph node codes and regions.
- **Note 2:** When the disease is in a more advanced stage, both Hodgkin and non-Hodgkin lymphomas may be present in multiple lymph node regions as defined by ICD-O-3 codes or in an organ and that organ's regional lymph nodes or in multiple organs.
- Note 3: Do <u>not</u> query the Hematopoietic DB in this uation.

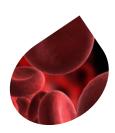


 Although both Hodgkin and non-Hodgkin lymphomas must be present in each of the involved sites in order to abstract as a single primary, it is not required that all involved organs be biopsied. If the physician biopsies one of the involved sites and diagnoses the combination Hodgkin and non-Hodgkin lymphomas, assume that all of the nodes, tissue, and/or organs are involved with the combination of Hodgkin and non-Hodgkin lymphomas.





- Abstract as multiple primaries when any of the following situations are met **
 - Hodgkin lymphoma in one node and non-Hodgkin lymphoma in a different node (Appendix C)
 - Hodgkin lymphoma in one organ and non-Hodgkin lymphoma in a different organ
 - Hodgkin lymphoma in tissue and non-Hodgkin lymphoma in different tissue





- Example 1: Patient is diagnosed with Hodgkin lymphoma in the cervical lymph nodes and also with non-Hodgkin lymphoma in the inguinal lymph nodes. Abstract as multiple primaries.
- Example 2: Hodgkin lymphoma in thymus and non-Hodgkin lymphoma in the tonsil. Abstract as multiple primaries.
- Example 3: Hodgkin lymphoma in the brain and non-Hodgkin lymphoma in the mediastinal lymph nodes. Abstract as multiple primaries.



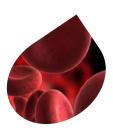
- Abstract as a single primary when a more specific histology is diagnosed after an NOS in the same histologic grouping as defined in Appendix B Histology Lineages.*
 - Note 1: There are no time restrictions on these diagnoses; the interval between the NOS and the more specific histology does not affect this rule stating that the two neoplasms are a single primary.
 - Note 2: The Hematopoietic DB will identify these
 histologies as a single primary.



- Abstract as a single primary when both the chronic and the acute phase of the neoplasm are diagnosed within 21 days AND *
 - There is documentation of one positive bone marrow biopsy
 - Note: When these diagnoses happen within 21 days, it is highly possible that one diagnosis was provisional and the bone marrow identified the correct diagnosis.

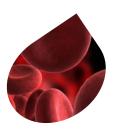


- Abstract as multiple primaries when both the chronic and the acute phase of the neoplasm are diagnosed within 21 days AND **
 - There is documentation of two bone marrow examinations, one confirming the chronic neoplasm and another confirming the acute neoplasm

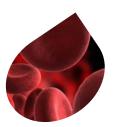




- Abstract as a single primary when both chronic and acute phase neoplasms are diagnosed within 21 days AND *
 - There is no available documentation on bone marrow biopsy



- Note 1: The two diagnoses are likely the result of an ongoing diagnostic work-up. The later diagnosis is usually based on all of the test results.
- **Note 2**: This rule applies if both neoplasms are diagnosed simultaneously (at the same time).





- Abstract as multiple primaries when a neoplasm is originally diagnosed in a chronic (less aggressive) phase AND second diagnosis of a blast or acute phase 21 days or more after the chronic diagnosis. **
 - Note 1: This is a change from previous rules. Use
 the Hematopoietic DB to determine multiple
 primaries when a transformation from the chronic
 to a blast or acute phase occurs.



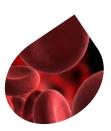
- Note 2: When the subsequent diagnosis occurs 21 days or more after the original diagnosis of acute disease it is important to follow-back to obtain information on treatment or information that a subsequent bone marrow biopsy proved that the diagnosis of acute disease was incorrect.
- Note3: Transformations are defined in the Hematopoietic DB for each hematopoietic and Imphoid neoplasm.



- Abstract the acute phase as a single primary when a neoplasm is originally diagnosed in the blast or acute phase and reverts to a less aggressive/chronic phase and there is no confirmation available that the patient has been treated.
 - Note 1: When these diagnoses happen within 21 days, it is highly possible that the first diagnosis of acute disease was a provisional diagnosis.

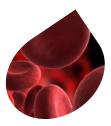


• **Note 2:** When the subsequent diagnosis occurs more than 21 days after the original diagnosis of acute disease it is important to follow-back to obtain information on treatment or a subsequent bone marrow biopsy that negates the diagnosis of acute disease.



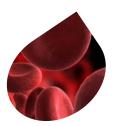


- Abstract as multiple primaries when a neoplasm is originally diagnosed in the blast or acute phase and reverts to a less aggressive/chronic phase after treatment. **
 - **Note 1:** Only abstract as a multiple primary when the patient has been treated for the acute disease.



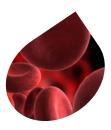


- Note 2: This is a change from previous rules. Use the Hematopoietic DB to determine multiple primaries when a transformation from the blast or acute phase to a chronic phase occurs.
- Note 3: Transformations are defined in the Hematopoietic DB for each hematopoietic and lymphoid neoplasm.





 Use the Hematopoietic DB to determine the number of primaries for all cases that do <u>not</u> meet the criteria of M1-M12.



File Display Help









Hematopoietic Database



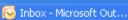
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Multiple Primaries Calculator...





















Hematopoietic Database

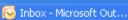


Multiple Primaries Calculator Disease 2 Disease 1 Compare

Display Codes...

Close Calculator

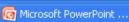
























Hematopoietic Database



Multiple Primaries Calculator 9731 9861 Disease 1 Disease 2 Compare

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File Display Help



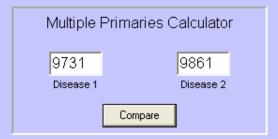






Hematopoietic Database





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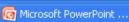














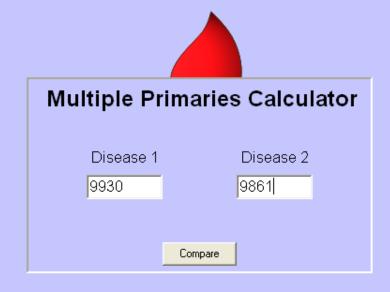








Hematopoietic Database



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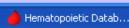
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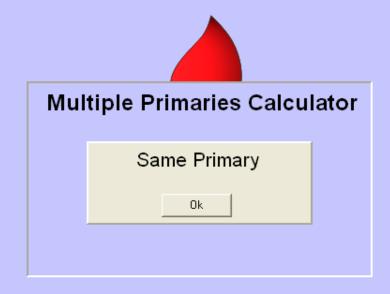








Hematopoietic Database



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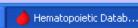
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Conclusion

 The new hematopoietic and lymphoid neoplasm rules go into effect for cases diagnosed January 1, 2010 and later

 Email address for questions <u>askseerctr@imsweb.com</u>

