

HEME-LYMPH UPDATES

Effective January 1, 2022
Lori Somers, RN
Iowa Cancer Registry
Recorded June 2022



1

1

CHANGE LOG

- https://seer.cancer.gov/tools/heme/Hematopoietic_Instructions_and_Rules.pdf
- <https://seer.cancer.gov/tools/heme/>

Hematopoietic Project

Updated August 11, 2021 (view Revision History)

Reporting Guidelines

- Casefinding Lists
- 2022 SEER Coding and Staging Manual +
- Hematopoietic Project -
- Hematopoietic and Lymphoid Database
- Comparison Documents
- Conversion Documentation
- Revision History
- Online Training
- ICD-O-3 Coding Materials



This manual and the corresponding database are to be used for coding cases diagnosed January 1, 2010 and forward. The changes made do not require registrars to recode old cases.

This site provides data collection rules for hematopoietic and lymphoid neoplasms for 2010+. There are two tools for use with these rules:

- Hematopoietic & Lymphoid Neoplasm Database (Heme DB)
 - A tool to assist in screening for reportable cases and determining reportability requirements
 - The database contains abstracting and coding information for all hematopoietic and lymphoid neoplasm (9590/3-9992/3)
- Hematopoietic & Lymphoid Neoplasm Coding Manual (PDF, 1.0 MB)
 - Reportability instructions and rules for determining the number of primaries, the primary site and histology, and the cell lineage or phenotype
 - The introduction to the manual has an updated Steps in Priority Order for using the Hematopoietic and Lymphoid Neoplasm Coding Manual & Database.

Support Resources

- Hematopoietic Conversion Documentation
- Comparison Documents
- Questions? Ask a SEER Registrar
- Join the SEER Registrar News listserv to receive announcements of upcoming changes.



2

2

2022 CHANGES

- Diagnostic Confirmation
- For 9896/3 alternate name removed
- Additional info added in 9861/3 AML group
- More specific B-cell lymphoma/leukemias added as a reference for 9811/3

3



3

DIAGNOSTIC CONFIRMATION

- Manual updated
 - Certain histologies have default value of code 3 = histology plus immunophenotyping/genetics
 - Certain histologies will never have a code of 3
- Database updated
 - New field “diagnostic confirmation” for each /3 histology

4




4

9911/3
Acute myeloid leukemia (megakaryoblastic) with t(1;22)(p13;q13);RBM15-MKL1

Primary Site: C421 Primary site must be bone marrow

Diagnostic confirmation: This AML is part of the "AML with recurrent genetic abnormalities" group. Since this AML is diagnosed based on genetics, diagnostic confirmation will always be 3.




5

5

9950/3
Polycythemia Vera

Primary Site: C421 Primary site must be bone marrow (Blood and bone marrow are the primary sites of involvement).

Diagnostic confirmation: This histology can be determined by positive histology (including peripheral blood) with or without genetics and/or immunophenotyping. Review the Definitive Diagnostic Methods, Immunophenotyping and Genetics Data sections below, and the instructions in the Hematopoietic Manual for further guidance on assigning Diagnostic confirmation.



6

6

9680/3 DLBCL

Primary Site: See Abstractor Notes
and Module 7

Diagnostic confirmation: This histology can be determined by positive histology (including peripheral blood) with or without genetics and/or immunophenotyping. Review the Definitive Diagnostic Methods, Immunophenotyping and Genetics Data sections below, and the instructions in the Hematopoietic Manual for further guidance on assigning Diagnostic confirmation.

7

7

CODE 3: POSITIVE HISTOLOGY PLUS POSITIVE IMMUNOPHENOTYPING OR GENETIC TESTING

Should ONLY be coded 3: 9806/3, 9807/3, 9808/3, 9809/3, 9812/3, 9813/3, 9814/3, 9815/3, 9816/3, 9817/3, 9818/3, 9819/3, 9865/3, 9866/3, 9869/3, 9871/3, 9877/3, 9878/3, 9879/3, 9896/3, 9897/3, 9911/3, 9912/3, 9965/3, 9966/3, 9967/3, 9968/3, 9986/3

NEVER* CODED 3: 9590/3, 9655/3, 9800/3, 9820/3, 9860/3, 9863/3, 9980/3, 9982/3, 9989/3, 9991/3

(non-specific codes and no genetic or immunophenotyping listed)

If immuno or genetics available...look for a more specific histology code.

8

8

ASSIGN CODE 3:

1. Cases with positive histology for the neoplasm being abstracted (including acceptable ambiguous terminology and provisional diagnosis) AND immunophenotyping, genetic testing, or JAK2 is listed in the Definitive Diagnosis in the Heme DB **AND the testing:**
 - a. Confirms the neoplasm OR
 - b. Identifies a **more specific histology** (not preceded by ambiguous terminology) **Note 1:** Do not use code 3 for positive immunophenotyping or genetic testing identifying a more specific histology when preceded by ambiguous terminology. **Note 2:** Do not use code 3 for positive immunophenotyping or genetic testing identifying a more specific histology when the test result is preceded by "patchy weak staining."
 - c. Peripheral blood smear followed by flow cytometry (most commonly done with CLL/SLL, 9823/3)
Note: Flow cytometry studies are normally done based on an abnormal blood smear. If unable to find documentation that a peripheral blood smear was done first, assume that it was and code 3.

9



9

FOR 9896/3 ALTERNATE NAME REMOVED



9896/3 "AML with recurrent genetic abnormalities, NOS"
removed



9861/3 now includes: "AML with recurrent genetic
abnormalities, NOS" per consultation with Heme expert.

10



10

FOR 9811/3

More specific B-lymphoblastic leukemia/lymphomas are:

1. 9812/3: B-lymphoblastic leukemia/lymphoma with t(9;22)(q34.1;q11.2); BCR-ABL1
2. 9813/3: B-lymphoblastic leukemia/lymphoma with t(v;11q23.3); KMT2A-rearranged
3. 9814/3: B-lymphoblastic leukemia/lymphoma with t(12;21)(p13.2;q22.1); ETV6-RUNX1
4. 9815/3: B lymphoblastic leukemia/lymphoma with hyperdiploidy
5. 9816/3: B lymphoblastic leukemia/lymphoma with hypodiploidy (hypodiploid ALL)
6. 9817/3: B-lymphoblastic leukemia/lymphoma with t(5;14)(q31.1;q32.1); IGH/IL3
7. 9818/3: B-lymphoblastic leukemia/lymphoma with t(1;19)(q23;p13.3); TCF3-PBX1
8. 9819/3: B-lymphoblastic leukemia/lymphoma, BCR-ABL1 like (2021+)

11



11

REMEMBER...

Help me code for diagnosis year :

12



12



THANK YOU
LORI-SOMERS@UIOWA.EDU



13