

Leukemia

At Healthfirst, we are committed to helping providers accurately document and code their patients' health records. This tip sheet is intended to assist providers and coding staff with the documentation and ICD-10-CM selection, on services submitted to Healthfirst specifically for **Leukemia**. It provides information from industry sources about proper coding practice. However, this document does not represent or guarantee that Healthfirst will cover and/or pay for the services outlined. Coverage decisions are based on the terms of the applicable evidence of coverage and the provider's participation agreement. This includes the determination of any amount that Healthfirst or the member owes the provider.

Leukemia is a type of cancer that affects the blood-forming tissues, particularly the bone marrow and lymphatic system.

Type Of Leukemia & ICD-10-CM Codes & Description

ICD-10 Category	Description
C91.0*	Acute lymphoblastic leukemia [ALL]
C91.1*	Chronic lymphocytic leukemia of B-cell type
C91.3*	Prolymphocytic leukemia of B-cell type
C91.4*	Hairy cell leukemia
C91.5*	Adult T-cell lymphoma/leukemia (HTLV-1-associated)
C91.6*	Prolymphocytic leukemia of T-cell type
C91.9*†	Lymphoid leukemia, unspecified
C91.A*	Mature B-cell leukemia Burkitt-type

Documentation and Coding

ICD-10 Category	Description
C91.Z*	Other lymphoid leukemia
C92.0*	Acute myeloblastic leukemia
C92.1*	Chronic myeloid leukemia, BCR/ABL-positive
C92.2*	Atypical chronic myeloid leukemia, BCR/ABL-negative
C92.4*	Acute promyelocytic leukemia
C92.5*	Acute myelomonocytic leukemia
C92.6*	Acute myeloid leukemia with 11q23-abnormality
C92.9*†	Myeloid leukemia, unspecified
C92.A*	Acute myeloid leukemia with multilineage dysplasia
C92.Z*	Other myeloid leukemia
C93.0*	Acute monoblastic/monocytic leukemia
C93.1*	Chronic myelomonocytic leukemia
C93.3*	Juvenile myelomonocytic leukemia
C93.9*†	Monocytic leukemia, unspecified
C93.Z*	Other monocytic leukemia
C94.0*	Acute erythroid leukemia
C94.2*	Acute megakaryoblast leukemia
C94.3*	Mast cell leukemia

Documentation and Coding

ICD-10 Category	Description
C94.8*	Other specified leukemias
C95.0*†	Acute leukemia of unspecified cell type
C95.1*†	Chronic leukemia of unspecified cell type
C95.9*†	Leukemia, unspecified

†Use only in the event than no other code describes the condition.

*Additional digit required to complete the code.

Please note to complete diagnosis select one of the 5th digit below:

- Not Having Achieved Remission - 0
- Leukemia In Remission -1
- Leukemia In Relapse -2

(i.e. C90.01 – Acute Lymphoblastic leukemia in remission)

Clinical Documentation Recommendation

Status of Condition	Remission	Not Having Achieved Remission/ Failed Remission	Relapse
	Severity of Leukemia	Acute	
Identify Type of Leukemia	Document type of Leukemia & select the most appropriate diagnosis from the list above.		
Treatment plan	Chemotherapy, Targeted Therapy, Immunotherapy, Radiation, and Stem Cell, Clinical Trials, and Bone Marrow Transplant.		

Documentation and Coding

Coding Tips

- Code Leukemia as active if:
 - Treatment is active
 - Pending treatment
 - Patient refused treatment
- Leukemia documented as “in remission” is still considered active leukemia.
- If applicable code:
 - Z94.81 - Bone Marrow Transplant
 - Z94.84 - Stem Cells transplant status
 - Z85.6 Personal history of leukemia, if documented as completely resolved.
- If the documentation is unclear as to whether the leukemia has achieved remission, query the provider.

Coding Example

Case 1	A 56-year-old patient with refractory relapsed Acute Myeloid Leukemia (AML) presented to the Emergency Department (ED) due to bleeding gums. Labs were performed in the ED and the patient was found to have pancytopenia secondary to AML. The patient failed prior therapy for AML and was not a candidate for standard therapy due to comorbidities. She was admitted for transfusion support only for her pancytopenia. Does the Official Guidelines for Coding and Reporting for anemia associated in malignancy (I.C.2.c.1) apply for pancytopenia? What is the appropriate principal diagnosis for this patient?
AHA Coding Clinic Volume 10, 2023, 1st Quarter p.23	Assign code D61.818, Other pancytopenia, as the principal diagnosis as that is the reason for the admission. Assign code C92.02, Acute myeloblastic leukemia, in relapse, as an additional diagnosis. The <i>Official Guideline for Coding and Reporting</i> for anemia associated in malignancy (I.C.2.c.1) does not apply in this scenario since pancytopenia encompasses more than anemia.

Documentation and Coding

References

- <https://www.cms.gov/files/document/fy-2025-icd-10-cm-coding-guidelines.pdf>
- <https://www.mayoclinic.org/diseases-conditions/leukemia/diagnosis-treatment/drc-20374378>
- <https://www.cancer.gov/types/leukemia#:~:text=Overview,%2C%20research%2C%20and%20clinical%20trials.>
- <https://www.codingclinicadvisor.com/>

Questions?

Contact us at [#Risk Adjustments and clinical Documentation@healthfirst.org](mailto:#Risk_Adjustments_and_clinical_Documentation@healthfirst.org).

For additional documentation and coding guidance, please visit the coding section on [HFproviders.org](https://www.healthfirst.org/HFproviders.org)

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