

SEER Inquiry System - Report

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Question 20230059

References:

WHO Class Hem & Lymph Tumors. 5th edition, Beta version 2

Question:

Histology--Heme and Lymphoid Neoplasms: How is histology coded for a diagnosis stated as MDS/AML (myelodysplastic syndrome/acute myeloid leukemia) per the international consensus classification (ICC)? See Discussion.

Discussion:

The final diagnosis on bone marrow biopsy was high grade myeloid stem cell neoplasm, 17% blasts by differential count. The pathologist further states that this could be classified as "MDS with increased blasts (MDS-IB2) per the WHO 5th edition classification, or MDS/AML per the international consensus classification (ICC)." FISH and cytogenetics revealed a loss of 7q, but no other AML-related genetic abnormalities. The physician confirms the patient has MDS/AML.

Answer:

Code histology as myelodysplastic neoplasm with increased blasts (9983/3) based on the WHO Classification of Hematolymphoid Tumors, 5th edition, Beta version 2. WHO lists MDS with increased blasts-2 (MDS-IB2) as a subtype of 9983/3.

When differences exist between WHO and ICC, assign the histology based on the WHO Classification.

Cancer Site Category:

Heme & Lymphoid Neoplasms

Data Item Category:

Histology

Other Category:

N/A

Year:

2023