

SEER Inquiry System - Report

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Question 20021112

References:

Sngl vs Sbsq Prim Lymph & Hem. 02/28/2001

Question:

Multiple Primaries/Histology--Hematopoietic, NOS: The subsequent primary table for 2001 and later indicates that 9863/3 [acute myelogenous leukemia (AML)] followed by 9980/3 [refractory anemia (RAEB)] is a new primary, but 9989/3 [myelodysplastic syndrome, NOS (MDS)] is not. Is the case below two primaries? See discussion.

Discussion:

Bone marrow bx states: The morphologic blast count of 7% exceeds 5%, traditionally used to define relapse in the setting of acute leukemia. Given the clinical hx that the pt's peripheral blood counts had initially normalized after induction therapy, the recent fall in counts is worrisome for the possibility of early relapse. Alternatively, therapy may have simply reverted the pt's marrow from AML to a precursor myelodysplastic syndrome (such as RAEB given the blast count) from which the AML arose, with the falling counts being progression of the underlying MDS. The identification of significant dysplasia in the bone marrow at the time of diagnosis would tend to support the possibility of an underlying MDS. Clinically, it is unlikely to make a difference whether one regards the present situation as early relapse or progression of an underlying MDS. The final clinical diagnosis is "Myelodysplasia, classified as RAEB."

Answer:

For cases diagnosed prior to 1/1/2010:

This case demonstrates a relapse of AML. The original classification of Histology as 9863/3 [AML] is correct. There is no second primary based on the information provided for this case.

For cases diagnosed 2010 forward, refer to the Hematopoietic and Lymphoid Neoplasm Case Reportability and Coding Manual and the Hematopoietic Database (Hematopoietic DB) provided by SEER on its website to research your question. If those resources do not adequately address your issue, submit a new question to SINQ.

Cancer Site Category:

N/A

Data Item Category:

Histology

Other Category:

Multiple primaries

Year:

2002