

SEER Inquiry System - Report

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Question 20061141

References:

#1: ICD-O-3

#2: 2004 SEER Manual, 1

Question:

Reportability--Leukemia: Is the diagnosis "a minority abnormal T-cell population (2-3%) with phenotypic features of large granular lymphocyte leukemia cells" reportable if it is from a flow cytometry procedure performed on a non-diagnostic bone marrow biopsy specimen? See Discussion.

Discussion:

Pt had only a bone marrow Bx done at the hospital.

Bone marrow biopsy and aspirate:

Peripheral blood showing mild relative lymphocytosis and mild relative neutropenia.

Normocellular bone marrow (50%) with mild eosinophilia. No conclusive morphologic evidence of a neoplastic process.

Flow cytometry of the marrow shows a minority abnormal T-cell population (2-3%) with phenotypic features of large granular lymphocyte leukemia cells. PCR is positive for a clonal T-cell population. The significance of these findings is unclear.

COMMENT: Flow cytometry, PCR and morphologic correlation were performed at [names removed]. The significance of a minimal, clonal, large granulocyte leukemia population absent absolute lymphocytosis is unclear. Positive results for a T-cell receptor PCR study in the setting of mild leukopenia alone is reportedly relatively common and usually regarded as nonspecific. In essence, this could be characterized as a small, monoclonal T-cell proliferation of uncertain significance associated with mild leukopenia. Appropriate follow up is suggested.

Answer:

For cases diagnosed prior to 1/1/2010: Do not report this type of case until there is a definitive reportable diagnosis. Based on the information provided, this case is not yet reportable. It could develop into a reportable case in the future.

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:

N/A

Other Category:

Reportability

Year:

2006