

CASE 025

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HEPATOSPLENIC T CELL LYMPHOMA-THE CURIOUS CASE OF GAMMA DELTA.

We present a case of an 18 year old female patient, who presented with a history of recurrent hiccups, weight loss, cervical lymphadenopathy and abdominal distension since 5 months. Peripheral blood findings were suggestive of a macrocytic anemia with marked thrombocytopenia. The total WBC count was marginally raised. Ultrasound abdomen revealed splenomegaly. The patient underwent splenectomy and biopsy from the same was reported at another centre as suggestive of leukemic infiltration. The patient also had an enlarged cervical lymph node, FNAC from which was reported as being suggestive of lymphoblastic lymphoma/acute lymphoblastic leukemia. We received the bone marrow biopsy and aspirate sample for microscopy and immunophenotyping by flowcytometry.

BONE MARROW FINDINGS

On microscopy, bone marrow aspiration showed a diluted aspirate with 30-40% atypical lymphoid cells. Individual cells were intermediate in size with scant cytoplasm, rounded nuclei with irregular nuclear membrane and moderately condensed chromatin with inconspicuous nucleoli. Few erythroid cells and occasional myeloid cells were also seen (Figure 1). Biopsy showed hypercellular marrow particles with sheets of atypical lymphoid cells, suggestive of lymphomatous involvement of the marrow (Figure 2). On immunohistochemistry, these atypical cells were positive for CD3 and negative for CD20 and TdT (Figure 3-4).