



PATIENT CODE : 011105210
NAME : Baby IZNA HAIDA S
AGE/GENDER : 1 Y / Female
REFERRED BY : Self
INPATIENT NO : 826268 **Ward : NB 7L C WING**
DEPARTMENT : Dr.PEDIATRIC HEMATOLOGY ONCOLOGY



SAMPLE NO : 01154286
BILL DATE : 11/09/2023 16:38:54
SAMPLE COLLECTED : 11/09/2023 17:14:43
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ROUTINE HAEMATOLOGY & COAGULATION

BONE MARROW SMEAR STUDY

BMA NO B1002 /2023
CLINICAL HISTORY A K/c/o AML. Post Ist HIDAC day + 32.
PERIPHERAL SMEAR STUDY RBC - Show moderate anisopoikilocytosis. Normochromic normocytes along with macrocytes, elongated cells and tear drop cells, few fragmented cells +. No nucleated RBCs or hemoparasites
WBC - Counts increased with presence of 18% blasts.

DIFFERENTIAL COUNT
Blasts : 18%
Neutrophils : 62%
Eosinophils : 01%
Monocytes : 02%
Lymphocytes : 17%

PLATELETS Adequate / Normal morphology

BONE MARROW
Cellularity - Particulate. Hypercellular.
Erythropoiesis - Decreased.
Leucopoiesis - Increased. Blasts 69%.
Blasts are large with agranular bluish cytoplasm, round to slightly indented nuclei, 1-2 nucleoli, fine chromatin.
Megakaryopoiesis - Decreased.

BMA DC
Erythroid cells - 10%
Blasts - 69%
Myelocytes - 03%
Metamyelocytes - 02%
Polymorphs - 10%
Eo-Basoprecursor - 01%
Lymphocytes - 05%



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IMPRESSION

FEATURES ARE CONSISTENT WITH ACUTE LEUKEMIA, RELAPSE.

Note:

Report given is only an opinion. Kindly correlate with clinical picture, Always get second opinion, if any controversial diagnosis is suspected.



DR ANU KRISHNAA M.D

Pathologist



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HISTOPATHOLOGY

BIOPSY TYPE - I

BIOPSY NO	S7286/2023
SITE	Bone marrow biopsy.
PROCEDURE	-
CLINICAL NOTES AND DIAGNOSIS	K/c/o AML post 1st cycle at HIDAC chemotherapy day +32.
MACROSCOPIC APPEARANCE	Received one bit, greyish white, greyish brown, measuring 0.5 cm. A/E.
MICROSCOPIC	Section from trephine biopsy show 6 hypercellular marrow spaces comprising of sheets of blast cells replacing normal hematopoietic elements. The erythroid, myeloid, megakaryocytic lineages are decreased. These blasts cells show mildly anisocytic small round nucleus, dispersed chromatin and scanty cytoplasm. No necrosis or fibrosis.

IMPRESSION **FEATURES CONSISTENT WITH RELAPSE OF ACUTE MONOBLASTIC LEUKEMIA.**

Note:

Report given is only an opinion. Kindly correlate with clinical picture, Always get second opinion, if any controversial diagnosis is suspected.



DR. Madhusudhanan., M.D(Path)
Chief of Laboratory Services

End of the Report