





LADY HARDINGE MEDICAL COLLEGE DEPARTMENT OF PATHOLOGY

Patient Details:	Kuldeep	11yr/M	16709
Bone marrow received on	03/07/25		
Bone marrow aspirate:	353/25		
Clinical details : Pancytopenia under evaluation with febrile neutropenia.			
CBC:			
Hb (gm/dl)	TLC $\times 10^3$ /ul	Platelet &F $\times 10^3$ /ul	
4.8	1.36	7	
DLC: N22 L75 M3 2nRBC/100WBCs			
Peripheral smear: Smear shows leukopenia and thrombocytopenia. Red blood cells show mild anisocytosis with presence of normocytic normochromic cells along with few macrocytes and elliptocytes.			
Bone marrow Aspirate + Bone marrow Imprint			
Cellularity	BMA smears show no particle and appear diluted with peripheral blood. Smear made from Bone marrow aspirate EDTA samples were assessed and show particles which are hypercellular.		
Erythropoiesis	Erythroid series shows normoblastic reaction.		
Granulopoiesis	Myeloid series is suppressed.		
Megakaryopoiesis	Megakaryocytes are seen.		
Other	There is presence of 73% blasts which are 2-4 times the size of small mature lymphocyte with scant to moderate cytoplasm, few cells showing cytoplasmic vacuolisation. The nuclei show irregular nuclear membranes, indentation, fine chromatin and 0-2 inconspicuous nucleoli.		
Myelogram :			
Blasts	73	Eosinophils	-
Promyelocytes	-	Erythroid	-
Myelocytes	01	Plasma cells	3
Metamyelocytes	01	Monocytes	-
Stab forms / Band forms	03	nRBC	12
Neutrophils	01		
Lymphocytes	06		
Bone Marrow Iron: Diluted			
Cytochemistry: MPO- Negative			
IMPRESSION - Acute Leukemia. In view of flow cytometry findings (Reference no: 299/25), possibility of Mixed- Phenotype Acute Leukemia, B/myeloid is suggested.			

by intern

Sh

Dr. Shivali Sehgal
Assistant Professor
04/07/2025

HEMATOLOGY CASE RECORDDIVISION OF PEDIATRIC HEMATO-ONCOLOGYKALAWATI SARAN CHILDREN'S HOSPITAL, DELHI

Name Kuldeep Age/Sex 12y/M
 Father's Name Laxman/merals Date of Admission 1/7/25
 Address Rupa vihar colony, maholi, Mathura UP
Delhi

Ph./ Mob. 9220723458

Blood Group O+ Weight 32kg Height _____ Surface Area _____

SYMPTOMS: (mention duration of each symptom)

Fever... + 7 mon
 Pallor... + 3 mon
 Skin bleeds... (-)
 Epistaxis... (-)
 Other bleeds... (-)
 Lymphadenopathy... (+) (R) 2x1cm submental LN (+)
 Bone pains... (-)
 Joint pain... (-)
 Eye Swelling... (-)

SIGNS

Pallor... +
 Bony Tenderness... (-)
 Gum Hypertrophy... (-)
 Skin bleeds... (-)
 Lymphadenopathy (size/ sites)... (+) 2x1cm submental LN (+)
 Joint swelling... (-)
 Liver (cms) 3cm > mid-umbilicus... yes/ no... NO
 Spleen (cms) NP > mid-umbilicus yes/no...
 Other lump(s)... (-)
 Testes... (-)
 Meningeal sings/Focal Neurological Deficit... (-)
 Fundus.....

Resp System

CVS

Provisional/Clinical Diagnosis

Basic Hematology Data (At admission)

- Hb. 12.5 gm/dl
- TLC. 1050 /mm3
- DLC: N 16% 163% H 24% M 11% B 3% Myelo 1% Meta 1%
Blasts 73% n RBC 12/100wbc
- Platelets 7K /mm3
- Smear Exam. smear s/o leucopenia & thrombocytopenia

- BMA (No yes) Report

Acute leukemia
flow cytometry s/o mixed-phenotype Acute L
B/myeloid is suggestive
Morphological Subtype

- Special Stains

- MPO (-)
- PAS
- Peroxidase
- Other

- Immunophenotyping possibility of mixed phenotype
Acute leukemia B/myeloid
- Chromosomal studies - awaited

- Numerical
- Structural
- BCR-ABL

- BM biopsy (No) Imprint report

- BM Biopsy report

- CSF

CNS Status

- FNAC (No)

- LN Biopsy: (No.....
.....)
- D 8 PS Absolute blast count (exact number).....
- D 14 marrow: (write percentage of blasts).....

• OTHER TESTS

- Mx test.....
- HIV..... *neg*.....
- HbsAg..... *neg*.....
- HCV..... *neg*.....
- LFT: Bil T *0.47* *DO-23* SGOT *26* SGPT *33* ALP *134*.
- KFT Urea *27* Creatinine *0.38* Uric Acid *4.1*
- S Calcium *8.1* Phosphorus *5.2* Potassium *4.2*.
- CXR.....
- Skeletal Survey.....
- USG Abdomen..... *NAD*.....
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- CT.....
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- PET Scan (date).....
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- MRI.....
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भारत सरकार
Government of India



मिथलेश

Mithlesh

जन्म तिथि/DOB: 01/01/1992

महिला/ FEMALE

Issue Date: 24/09/2021

8436 2955 3335

VID : 9186 7279 8596 3289

मेरा **आधार**, मेरी पहचान



भारतीय विशिष्ट पहचान प्राधिकरण

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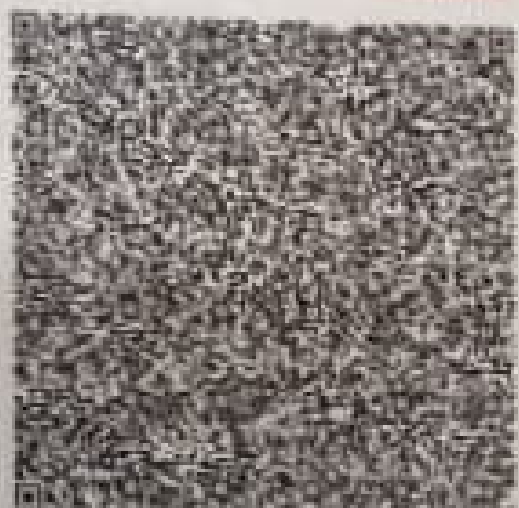


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भारत सरकार

Government of India



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Kuldeep

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पुरुष/ MALE

Issue Date: 11/04/2019

8714 3799 5421

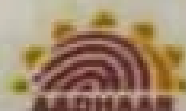
VID : 9172 6690 7711 0237

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ABHISHIKHA TRUST

S. No. 24.....

Date: ...07.../...07.../...2025...

सेवा में

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महोदय

मैं प्रियलेश, मथुरा की रहने वाली हूँ मेरे 12 साल के बच्चे को कैंसर हो गया है मेरे बच्चे को घरे में कैंसर है, मेरे बच्चे का इलाज क्लॉन्गो अस्पताल में चल रहा है मेरा बच्चा बहुत बकलीफ में है, हम बहुत मशीन मजदूर हैं। हमारे पास इतनी पैसे नहीं हैं की बच्चे का इलाज करा सकें, आशीषिका ट्रस्ट ने हमारे बच्चे के इलाज के लिए हमारे मदद की है। हमें आपसे निवेदन की हमारे बच्चे के लिए आगे की मदद करें : आपका बहुत आभार हैमा,

प्रियलेश

मिथमेश

