





Result



Report

Case ID	111230003927
Patient Name	AARAV
DOB/Sex	08/10/2019/Male
Hospital Location	Delhi, Delhi, India
Hospital Name	KSCH, Delhi
Physician Name	Dr DR. PIALI
Date & Time of Accessioning	07/10/2023 16:34 Hrs
Date & Time of Reporting	10/10/2023 15:38 Hrs

TEST NAME

B-ALL MRD

SPECIMEN INFORMATION

Received bone marrow in EDTA collected on 07/10/2023. Bone marrow EDTA TLC- 23,600 cells/ul.

CLINICAL HISTORY

Known case of B-ALL (CD10 Positive) Time Point : Not provided

METHODOLOGY

CD Markers: CD45, CD10, CD19, CD20, CD34, CD38, CD58, CD73, CD81, CD86, CD123, CD13+CD33.

Multi color flow Cytometry using CD45 Vs CD19 and CD19 vs side scatter gating.

Instrument/Software: BD FACSLyric/ FACSuite (Version 1.5).

Cell Preparation Method: Lyse-Wash-Stain-Wash

IMPRESSION

B ALL MRD negative by flow cytometry.

There is no immunophenotypic evidence of residual disease in a known case of B-ALL (< 0.01% of total events acquired).

IMMUNOPHENOTYPING RESULT

Events acquired : 19,23,337

Viable events : 16,99,490

Total CD19 positive events : 26,821

A population of 1.45% precursor B cells (hematogones) showing progressive maturation with CD10, CD19, CD20, CD38, CD34 and CD45 is present showing no evidence of atypical antigen expression.

CD34+ non-B cells among all mononuclear cells= 1.14%

Plasma cells among all viable cells = 0.10%

COMMENT

Dr. Ankita Jaiswal, MD, PDCC

Reg. No. HN17104



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Diagnostic immunophenotyping was performed at outside institution on 05/06/2023. Diagnostic LAIP– CD19, CD10, CD20-Dim, CyCD79a, CD22- Dim, HLA-DR.

Clinical correlation is recommended.

Correlation with molecular markers is recommended if clinically indicated.

LLOD and LLOQ for this assay are 0.006% and 0.009% respectively.

The viability of the samples as determined by 7AAD methodology is ~76.99%

Dr. Ankita Jaiswal, MD, PDCC

Reg. No. HN17104

DEPARTMENT OF PATHOLOGY

LADY HARDINGE MEDICAL COLLEGE & SMT. S.K. HOSPITAL, NEW DELHI

CYTOLOGY REPORT FORM

Name of Patient Aarav Sex M Age 4y Regd. No. 50917

Hospital ESCH Ward V2 Cy Dr. In-Charge Dr. V. Singh

Case No. _____ Smear No. F/1281-82/23

Received on 28/11/23 Reported on 28/11/23

Investigation asked for :- CSF for Malignant cytology (F/1281-82/23) (4 cells)

Gross : Received approximately 800 μ L of clear fluid. few

TLC = 2 cells/ μ m³ rph

Report :- DLC = Mononuclear OL. <

Microscopy : Cytospin preparation shows occasional mononuclear cells

No Atypical /blast cells is seen in the Preparation examined.

640
500
123

KA
Dr. Kavita Gaur
Asst Professor
28/11/23

Sample No: 18-5708
 Patient ID:
 Name:
 Sample Comment:

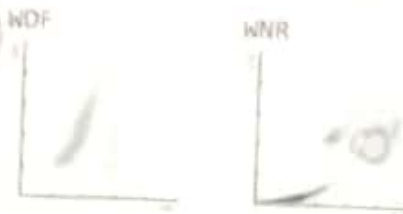
Ward: Rack 12 Position 1 03/06/2023 12:15:54 AM
 Doctor:
 Birth: Sex:
 Nickname: RN 1500 1 1

Positive
 Diff Morph. Count

WBC	14.80	10 ⁹ /ul
NEUT	8.17	10 ⁹ /ul
LYMP	8.8	10 ⁹ /ul
MONO	23.9	10 ⁹ /ul
TOT	72.1	10 ⁹ /ul
PLT	25.2	10 ⁹ /ul
HGB	11.6	10 ⁹ /ul
HCT	11	10 ⁹ /ul
RDW	45.7	10 ⁹ /ul
RDW-CV	19.5	10 ⁹ /ul
PCT	---	10 ⁹ /ul
PCT-CV	---	10 ⁹ /ul
PLT-CL	---	10 ⁹ /ul
NRBC	1.43	10 ³ /ul
NRBC	1.21	10 ³ /ul
LYMPH	19.77	10 ³ /ul
MONO	13.78	10 ³ /ul
TOT	0.86	10 ³ /ul
BASE	0.04	10 ³ /ul
IS	0.43	10 ³ /ul
RET	0.94	10 ³ /ul
IRF	34.3	10 ³ /ul
LFB	65.7	10 ³ /ul
MPH	18.0	10 ³ /ul
HRF	18.3	10 ³ /ul
RET-He	31.1	10 ³ /ul
IPF	---	10 ³ /ul

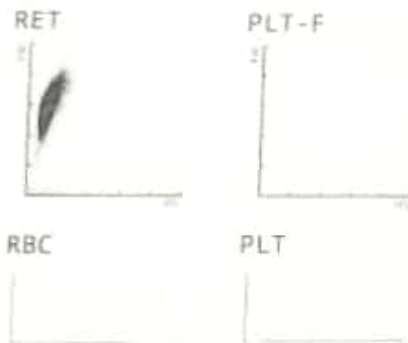
BMA 55/25

Acute
 LYM
 67841
 U3



2PS + 2BMA + 1BMT
 + 1MPO

0.0298 [10⁶/ul]



RBC PLT

WBC-BF [10⁹/ul]
 RBC-BF [10⁶/ul]
 Hb [10³/ul]
 Hct [10³/ul]
 TC-BF [10³/ul]

WBC IP Message
 WBC Abn Scattergram
 Lymphocytosis
 Monocytosis
 Leukocytosis
 NRBC Present
 IG Present
 Blasts/Abn Lympho?
 Atypical Lympho?

RBC IP Message
 Anemia
 RET Abn Scattergram

PLT IP Message
 PLT Abn Distribution
 Thrombocytopenia

MPO - Negative
 [Cytochemistry]

AS: Smear - show leucocytosis. There is presence of 80/ blasts which show morphology as described in bone marrow aspirate smear.

Red cells show mild anisocytosis with predominantly showing normocytic normochromic cells along with few microcytes. Few nucleated red cells are also seen. Platelets are markedly reduced.

DLC: Blast 80 My, MM, N₄ L₄, nRBC = 8/100WBC's.

BMA+BMT: Smears show no particle. However, are highly cellular. There is a presence of 87+ blasts which are 1.5-3.5 times the size of small mature lymphocytes with high nuclear-cytoplasmic ratio and scant to moderate agranular cytoplasm. The nuclei are round with irregular nuclear membrane, fine opened up chromatin and 0-1 inconspicuous nucleoli. Few of the blasts show nuclear convolutions and clumping.

There is marked suppression of erythroid and myeloid series. No megakaryocytes are seen in the smear examined.

Myelogram: Blast 87 My, N₁ Ly₅ nRBC₄

Impression: MPO negative Acute lymphoblastic leukemia.

Advice: Correlate with Immunophenotyping findings.

Signature
 5/6/23
 Dr. Greetika Sharma
 Asst Professor
 5/6/23

Govt. of India

छुट्टी की पर्ची Discharge-Slip
कलावती सरन बाल अस्पताल
Kalawati Saran Children's Hospital

बंगला साहिब मार्ग, नई दिल्ली-110001
Bangla Sahib Marg, New Delhi-110001
दूरभाष / Tel. No. : 23344160, 23344162-65

युनिट Unit 2 cubicle 4 सी.आर. नं. C.R. No. 30817

नाम Name : Aarav

आयु Age : 4y लिंग Sex: Male

पता Address : C-11/41, Sudampur, Gani Road
Delhi

भर्ती की तारीख : 27/11/23 छुट्टी की तारीख : 30/11/23
Date of Admission Date of Discharge

निदान
Final Diagnosis : K/c/o Bull AU (MR) in IM phase
admitted for 3rd high dose

Anthropometry
Wt. at Admission _____ Wt. at Discharge _____
Height/Length _____ Head Circumference _____
Nutritional Status _____

Immunisation

BCG

Pentga/DPT/OPV 0 1 2 3 B1 B2

Hep. B 0 1 2 3

Measles / MMR / Typhoid

RSA = 0.654

Enthal Hb → 10.7
 (with) TLC → 6900 ANC → 3280
 PLT → 4.01 lac
 Lt → 103

High Risk Interim Maintenance Phase, HDMTX

Week	12/10	19/10	26/10	2/11	9/11	16/11	23/11	30/11	22
Day		8	15	22	29	36	43	50	
ITMTX As per age (IT)	1 <i>11/10/23</i>		15 <i>14/11 (noon)</i>		29 <i>26/11</i>		43		
IV MTX 3g/m ² (iv)	1 <i>12/10/23</i>		15 <i>14/11 (noon)</i>		29 <i>24/11</i>		43		
Folinic acid 15 mg/m ²	2-3 <i>15/10/23</i>		16-17		30-31		44-45		
Mercaptopurine 25 mg/m ² (po)	1 <i>11/10/23</i>							49	





You Think, You Care, You give.

KILKARI TRUST

Regd. No.464

Ref. No.:

Date: 13/12/2023

सेवा में,

संस्थापक मधोदया

किल्कारी ट्रस्ट

नई दिल्ली,

मधोदया,

मैं थागेन्द्र आरव का पिता आपका वस यह आभेदन करता हूँ, की हमारे लयके को शल्यम में सहायता प्रदान करें। हमारे लयके को ब्लड कैंसर हो गया है। मेरे लयके को बहुत परेशानी से गुजर रहा है। वह बहुत ही गंभीर समस्या में है। मेरा लयके काइलाज कलावती सरन लाव अस्पताल से हो रहा है। कृप्य करके मेरी मेरे लयके को सहायता करे आपकी अति कृपा होगी। और हमारा परिवार अपना आभारी रहेगा जीवन भर मैं हाथ जोड़ कर किलारी कल्ल हूँ मेरे लयके को सहायता प्रदान करें



हाथी
११
थागेन्द्र