



डॉ० राम मनोहर लोहिया अस्पताल
(विकिरण विभाग)

एक्सरे/अल्ट्रासाउंड रिपोर्ट
X-RAY/ULTRASOUND REPORT

Kindly do Urgently!
CALLA tve B-cell ALL
T SAIO

Previous
USG w/a

Dr. Ram Manohar Lohia Hospital
(Department of Radiology)

S/o SAIO

एक्सरे/अल्ट्रासाउंड की जांच के लिए मांग-पत्र
X-RAY/ULTRASOUND REQUISITION

It is
NPO

यूनिट का नाम
Name of Unit B3

तारीख
Date 20/5/2023

नाम
Name

आयु/लिंग
Age/Sex

20/5/23 Em USG to R/O SAIO
- visualised bowel loops appears
@ in caliber however
fecal loaded.
- no free fluid.

Last stool
passed
yesterday.

रोगी का नाम
Name of Patient USAMA.

आयु/लिंग
Age/Sex 3y/M

भेजने वाले डॉ० का नाम
Referred by

कंसल्टिंग/गोडन कार्ड सं०
C.G.H.S. Card No. 29635

वार्ड/बायोपि०
Ward/O.P.D.

रिपोर्ट सं०
Report No.

Imp - No f/o SAIO.

Previous USG
Rpt:

संक्षिप्त वैद्यकीय टिप्पणी
Brief Clinical Notes

CALLA tve B-cell ALL

बिस्तर सं०
Bed No.

दिनांक
Date

Dr. Ashwini (Ph2)
Dr. Bhargava (SR)
Dr. Rakesh (Ph1)

Visualised bowel
loops appear
prominent.

अपेक्षित जांच
Examination Required

USG w/a to r/o SAIO.

अन्तिम निदान
Provisional Diagnosis


Dr. ROHAN A P
PG Resident
Department of Pediatrics
ABVIMS & Dr. RML Group of Clinicians
New Delhi-110001

विकिरण विज्ञानी के हस्ताक्षर
Signature of Radiologist

Sample ID	NS	Patient ID	29625
Name	MDI/SAMA	Sample Type	SERUM
Category	-	Collection Date	25-May-2023
Age	-	Reg. Date	25-May-2023
Ref. Dr.		Analyst	
Sample Remark		Location	

Sr.No.	Test	Result	Flag	Normal Range
1	Urea	41 mg/dL		18 - 55 mg/dL
2	Creatinine ENZ	0.14 mg/dL	L	↓ 0.70 - 1.30 mg/dL
3	Bilirubin Total	0.38 mg/dL		0.30 - 1.20 mg/dL
4	Bilirubin Direct	0.22 mg/dL		0.00 - 0.40 mg/dL
5	AST/GOT	19.8 U/L		0.0 - 35.0 U/L
6	ALT/GPT	29.7 U/L		0.0 - 45.0 U/L
7	Total Protein	8.10 g/dL		6.40 - 8.30 g/dL
8	Albumin	4.42 g/dL		3.50 - 5.20 g/dL
9	Sodium	139.30 mmol/L		130.00 - 150.00 mmol/L
10	Potassium	3.15 mmol/L	L	↓ 3.50 - 5.50 mmol/L
11	Chloride	98.60 mmol/L		95.00 - 105.00 mmol/L
		10.3 mg/dL		8.5 - 10.5 mg/dL

GOVERNMENT OF INDIA
DR. RAM MANOHAR LOHIA HOSPITAL, NEW DELHI
BIOCHEMISTRY - LAB REPORT

Name : md usama	Age/Sex : 3yr 1/m	Date : 25/05/23
CR/REGD. No. : 29635	CGHS No. :	OPD/Wd : ECS 3rd floor
Clinical Diagnosis :	Unit Incharge : P3	
Signature : 		

1. Blood Sugar :

F : mg/dl (70-110)
 PP : mg/dl (90-160)
 R : mg/dl (70-140)

2. Kidney Function Test :

Urea : mg/dl (15-45)
 Creatinine : mg/dl (0.6-1.2)
 Uric Acid : mg/dl (2.5-6.0)

3. Liver Function Test :

Total Bil : mg/dl (0.2-1.2)
 Direct Bil : mg/dl (0.1-0.3)
 In. D. Bil : mg/dl (0.2-1.1)
 SGOT : U/L (15-50)
 SGPT : U/L (15-50)
 Alk. Phos : U/L (50-130)
 GGT : U/L (8-61M, 5-36F)

4. S. Proteins :

T Prot : gm/dl (6.0-8.0)
 Albumin : gm/dl (3.5-5.5)
 Globulin : gm/dl (1.5-3.5)

5. Lipid Profile :

T. Cholesterol : mg/dl (130-230)
 HDL Chol. : mg/dl (30-65)
 LDL Chol. : mg/dl (50-150)
 VLDL Chol. : mg/dl (upto 40)
 Triglyceride : mg/dl (50-200)

6. S. Electrolytes :

Sodium : mmol/L (130-150)
 Potassium : mmol/L (3.5-5.5)
 Chloride : mol/L (95-110)
 Calcium : mg/dl (8.5-10.5)
 Phosphorus : mg/dl (2.5-5.5)

CBC

7. Cardiac Profile :

CPK : U/L (50-200)
 CK-MB : U/L (upto 25)
 LDH : U/L (110-240)
 SGOT : U/L (15-50)


Hb 8.1
RBC 3.16 x 10⁶
PCV 27.1

8. Iron Profile : TLC-2WD

T. Iron : µg/dl (60-150)
 TIBC : **DL-P30** µg/dl (250-400)
 UIBC : **65** µg/dl (150-250)
 Saturation : **60.4** % (20-35)

9. Others :

S. Amylase : **PL 40.0WD** U/L (30-110)
 S. Lipase : **mev 25.5** U/L (23-300)
 S. Magnesium : mg/dl (1.6-2.3)
 Ammonia (NH₃) : µmol/L (9-30)
 Lactate : mmol/L (0.7-2.1)


BIOCHEMIST

पितृति विज्ञान विभाग

DEPARTMENT OF PATHOLOGY

डॉ. राम मनोहर लोहिया अस्पताल, नई दिल्ली
DR. RAM MANOHAR LOHIA HOSPITAL, NEW DELHI

11.45 PM

दिनांक
Dated 21/5/2023

मूत्र जाँच
EXAMINATION OF URINE

रोगी नाम USAMA
 Patient's Name
 आयु-लिंग 3y/m
 Age-Sex
 डॉ. चार्ज्ड FCC/34/10
 Dr. Incharge Wars/OPD
 ऑपरेशन नं. 29635
 OPD/CGHS/CR No.
 बिस्तर नं.
 Bed No.
 रोगी का इतिहास
 Clinical History ALL
 प्राथमिक निदान
 Prov. Diagnosis DR ALOK KEMAL
 प्रमुख अधिकारी
 Head of Unit

डॉ. अलोक केमल
Signature of Clinician

6) CBC & PS for Blast cells.

रिपोर्ट
Report

शरीर जाँच
Physical Examination

रंग
Colour HB - 7.9
 प्रतिक्रिया
 Reaction TLC 4W0
 विशिष्ट गुरुत्व
 Specific Gravity DLL Pa2 LTB Eou mo1

रासायनिक जाँच
CHEMICAL EXAMINATION:

एल्ब्यूमिन (प्रोटीन)
 Albumin (Protein) PCT 25W0
 शर्करा
 Sugar RBC - 2.74×10^6

सूक्ष्मदर्शी जाँच
MICROSCOPICAL EXAMINATION:

MCV - 84.2

दिनांक Dated

पितृति विज्ञानी
PATHOLOGIST

DEPARTMENT OF PATHOLOGY
LADY HARDINGE MEDICAL COLLEGE & SMT S. K. HOSPITAL : NEW DELHI

BONE MARROW BIOPSY REPORT

Name of Patient: Md. Usama Age/Sex: 33/M Regd. No: 29635
Hospital: KMLH Ward: Dr. In charge: Dr.
Specimen No: BM- 185/23 Microsection No: BM- 185/23
Nature of Specimen: **Bone Marrow biopsy**
Date of Receiving: 4/5/23 Date of Reporting: 15/5/23

Labelled as Bone Marrow biopsy

Microscopy:

H&E stained sections show cartilage and bony trabeculae enclosing marrow spaces which are hypercellular with crowding artefact. The preserved marrow spaces shows presence of diffuse sheets of monomorphic and mononuclear cells which are 1.5-3.5 times the size of small mature lymphocytes have high N/C ratio and scant agranular cytoplasm. The nuclei are round with opened up chromatin and 1-2 inconspicuous nucleoli. Few of these cells show nuclear membrane irregularities.

There is marked suppression of erythroid, myeloid and megakaryocytic series.

Impression: Features are suggestive of ACUTE LEUKEMIA

Correlate with Bone marrow aspirate and Immunophenotyping reports.

Reported by:

Dr. Geeta Sharma
Asst. Professor
Pathology

GOVERNMENT OF INDIA
DR. RAM MANOHAR LOHIA HOSPITAL, NEW DELHI
BIOCHEMISTRY - LAB REPORT

Name : <u>Ud Umana</u>	Age/Sex : <u>41M</u>	Date : <u>23/5/23</u>
CR/REGD. No. : <u>29635</u>	CGHS No. :	OPD/Wd : <u>EC211</u>
Clinical Diagnosis : <u>ALL</u>	Unit Incharge : <u>Dr. Mohi Khandel</u>	
Signature : <u>[Signature]</u>		

1. Blood Sugar :
 F : mg/dl (70-110) CBC
 PP : mg/dl (90-160)
 R : mg/dl (70-140)

2. Kidney Function Test :
 Urea : mg/dl (15-45)
 Creatinine : mg/dl (0.6-1.2)
 Uric Acid : mg/dl (2.5-6.0)

3. Liver Function Test :
 Total Bil : mg/dl (0.2-1.2)
 Direct Bil : mg/dl (0.1-0.3)
 In. D. Bil : mg/dl (0.2-1.1)
 SGOT : U/L (15-50)
 SGPT : U/L (15-50)
 Alk. Phos : U/L (15-50)
 GGT : U/L (50-130)

4. S. Proteins :
 T Prot : gm/dl (6.0-8.0)
 Albumin : gm/dl (3.5-5.5)
 Globulin : gm/dl (1.5-3.5)

5. Lipid Profile :
 T. Cholesterol : mg/dl (130-230)
 HDL Chol. : mg/dl (30-65)
 LDL Chol. : mg/dl (50-150)
 VLDL Chol. : mg/dl (upto 40)
 Triglyceride : mg/dl (50-200)

6. S. Electrolytes :
 Sodium : mmol/L (130-150)
 Potassium : mmol/L (3.5-5.5)
 Chloride : mol/L (95-110)
 Calcium : mg/dl (8.5-10.5)
 Phosphorus : mg/dl (2.5-5.5)

7. Cardiac Profile :
 CPK : U/L (50-200)
 CK-MB : U/L (upto 25)
 LDH : U/L (110-240)
 SGOT : U/L (15-50)

Hb 7.9
RBC 2.78 x 10⁶
Pw 23.0

8. Iron Profile :
 T. Iron : µg/dl (60-150)
 TIBC : TIC - 400 µg/dl (250-400)
 UIBC : UIB - P25 µg/dl (150-250)
 Saturation : L70 % (20-35)

9. Others :
 S. Amylase : 504 U/L (30-110)
 S. Lipase : 1421 U/L (23-300)
 S. Magnesium : 1.0 mg/dl (1.6-2.3)
 Ammonia (NH₄) : µmol/L (9-30)
 Lactate : mmol/L (0.7-2.1)

SPECIAL HEMATOLOGY LABORATORY
 DEPARTMENT OF PATHOLOGY
 DR RAM MANOHAR LOHIA HOSPITAL, NEW DELHI



FLOW CYTOMETRY REPORT

DATE: 4/5/23

FLOW NO: FL-26/23

BMA NO: CR.NO- 29635

NAME: Osama AGE/SEX: 3y/M WARD/UNIT: ECS-3rd floor DOCTOR INCHARGE:

CLINICAL HISTORY: Loose motion- 5-6 days
 Fever - 20 -25 days
 Rash-10 days

CBC : Hb-3.1g/dl , TLC-1,84,000/ μ l, DLC.Blast-96%,Neutrophil-01%,Lympho-03%,Platelet count : 30,000/ mm^3 , MCV-73.0fl, MCH-22.0pg, MCHC-30.1 g/dl.

PERIPHERAL SMEAR: RBC- Normocytic normochromic.

WBC- Smear shows hyperleucocytosis, with presence of 96% blasts. The blast are 1.5-2 times the size of mature lymphocytes having high N:C ratio, ~~the~~ nuclear notching at places, finely dispersed nuclear chromatin with inconspicuous nucleolus and scant, thin rim of agranular cytoplasm. Platelet- Reduced on smear.

OBSERVATION:

INSTRUMENT USED: BD Facs Calibur
 PERCENTAGE OF GATED POPULATION: 73%

TYPE OF SPECIMEN: Peripheral blood
 GATING STRATEGY: FSC/SSC

PANEL USED: Acute Leukemia panel

CD45/SSC

1. Unstained
2. CD33FITC/ CD13PE/CD45 PerCP/CD117APC
3. CD10FITC/ CD34 PE/ CD45Per CP/CD13APC
4. CD7FITC/CD5PE/CD45PerCP/CD22APC
5. CD14FITC/ CD64PE/ CD45 PerCP/ HLADR APC
6. Unstained
7. cCD3FITC/cMPO PE/CD45 PerCP
8. Tdt PE/CD45 Per CP

INTENSITY OF MARKER EXPRESSION ON GATED POPULATION:

MARKERS	RESULT	INTENSITY	INTERPRETATION
T CELL MARKERS			
cCD3	0.36%	-	Negative
CD5	0.10%	-	Negative
CD7	0.04%	-	Negative

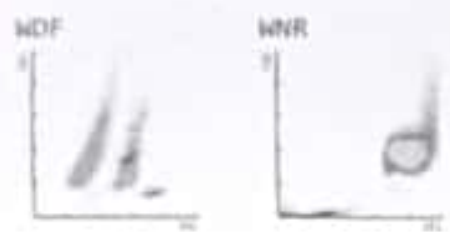
Positive Diff. Morph. Count

WBC	190.72	10 ⁹ /L
Hb	1.01	10 ¹⁶ /L
Hct	2.2	10 ¹² /L
PLT	22.8	10 ⁹ /L
RDW	23.5	%
MCV	29.1	fL
MCH	34.4	pg
MCHC	119.9	g/dL
MPV	15.7	fL
PDW	0.82	%
RET	7.12	10 ⁹ /L
PLT-F	37.44	10 ⁹ /L
RBC	31.18	10 ¹² /L
Hb	8.76	10 ¹⁶ /L
Hct	0.02	10 ¹² /L
PLT	1.93	10 ⁹ /L
RDW	25.8	%
MCV	25.8	fL
MCH	16.9	pg
MCHC	6.5	g/dL

WBC	10 ⁹ /L
Hb	10 ¹⁶ /L
Hct	10 ¹² /L
PLT	10 ⁹ /L
RDW	10 ¹² /L

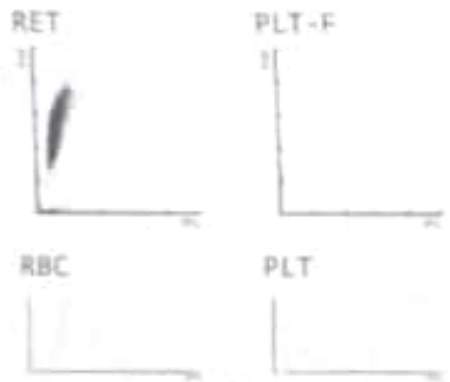
WBC IP Message
WBC Abn Scattergram
Lymphocytosis
Monocytosis
Eosinophilia
Leukocytosis
IS Present
Blasts/Abn Lympho?
Left Shift?
Atypical Lympho?

BMA - 224/23
MD - USGMS
SYN/AI
-9635
KALH



2P/S + 2GMA + 1AMI

RET	0.1	10 ⁹ /L
PLT-F	3.9	10 ⁹ /L
RBC	79.4	10 ¹² /L
Hb	16.3	10 ¹⁶ /L
Hct	0.4	10 ¹² /L
PLT	0.0	10 ⁹ /L
RDW	1.8	%



RBC IP Message
Anisocytosis
Hypochromia
Anemia

MPO - Negative by cytochemistry.

Impression - MPO Negative Acute leukemia.

Advice - Immunophenotyping studies.

09-22 04/05/2023 11:41

BMA + GMI

- Smears shows no particles however are highly cellular. There is presence of 88% blasts with similar morphology as described in peripheral smear.

There is marked suppression of lymphoid, myeloid and megakaryocytic series. Occasional megakaryocyte seen in the smear examined.

1/1 Myeloid - Blasts 88 My₂ MMy₁ N₁ L₆ NRBC₂

Handwritten signature and date: 6/5/23

Dr. Greshika Sharma
Asst. Professor
6/5/23

Smears show marked leucopenia. There is presence 80% blasts which are 1.5-3.5 times the size of small mature lymphocytes, have high N/C ratios and scant agranular cytoplasm. Few of the blasts are showing fine granules. Nuclei are round with spread up chromatin and 1-2 inconspicuous nucleoli. Few of the blasts are showing nuclear membrane indentations.

Red cells are predominantly microcytic hypochromic with few normocytic normochromic cells. Platelets are markedly reduced on the smear.

DLI - Blasts 80 My₁ MMy₁ N₁ L₁₂ MC₁ EO₁



KILKARI TRUST

Regd. No.464

KILKARI TRUST

You Think, You Care, You give.

Mob.: 8826149690

Ref. No.:

Date :

दिनांक - 29/05/2023
सेवा में

संस्थापक महापिता,
किल्कारी ट्रस्ट,
नई दिल्ली

आपके संस्था से विना है की हमारे बच्चे को
बहुत कंसर है। हमारा बच्चा बहुत कमर में है।
हमारा बच्चा इसका बहुत तकलीफ में है इस
बिमारी के कारण। इसका इलाज का खर्च बहुत
ज्यादा है। हमारा परिवार बहुत कोशिश
कर रहा है बच्चे को बचाने का।

कृपया करके हमारा आर्थिक रूप
से सहायता प्रदान करें। हमारा परिवार सदा
आपका आभार रहेगा।

आशाकर्ता
अरिफा बेगम

Requested Accepted
By
Kilkari
Trust

