We are requesting your support for 3 years old **RAM SINGH**, who is battling for life against a life threatening disease **Acute Myeloid Leukemia (AML)**. It is a cancer of the myeloid line ofblood cells, characterized by the rapid growth of abnormal cellsthat build up in the Bone Marrow and blood and interfere with normal blood cell production.

He is currently being treated at Oncology Dept., KGMU Lucknow.

His father is a farmer and He belongs to RAIBARELY (U.P). He has already spent 1 lacks for his previous treatment. **RAM SINGH** was declared cancer-free in MAY 2022. As months passed by, they began to let go of fear gripped this family when they heard **RAM SINGH** scream. **RAM SINGH** was suffering with high fever. they rushed him straight to the hospital. The doctor said to him, **RAM SINGH's blood cancer has come back.** It is worse this time, spreading faster. They had no time to think and immediately started chemotherapy.

Chemotherapy is no longer enough to beat this cancer. RAM SINGH needs a BONE MARROW TRANSPLANT now.

It is the only way he has a chance of beating cancer once. He has been getting injections in the spine as a part of his treatment. Heis in severe pain, is exhausted and incredibly terrified of what is coming next.

Bone Marrow Transplant Surgery estimated cost is 3-4Lacs.

These Parents are helpless. He has already spent all savings and taken out a loan to afford the treatment last year and has no source left to approach now. This time, they are begging everyone.

MAKING SMILE FOUNDATION

Address:1ST FLOOR SADAF CENTER J.N ROAD NEAR KAISERBAGH BUS STANDLUCKNOW U.P.Phone No.: 8954132816Email id:makingsmilefoundation@gmail.comREG. NO.: 097

PATIENT APPLICATION FORM

PATIENT DETAILS			
NAME	RAM SINGH		
FATHER'S NAME	AJAY VIKRAM		
AGE	3 YEARS		
SEX	MALE		
ADDRESS	RAIBARELY		
DISEASE	BLOOD CANCER		
HOSPITAL	KGMU LUCKNOW		
DEPARTMENT	ONCOLOGY		
TREATMENT	BONEMARROW TRANSPLANT & MEDICIN		
TREATMENT COST	3-4 LAKS		



Serial No:- 792 Patient Name:- Ram Singh Hospital:-G.M. & A.H.	A W	rsity, Uttar Prade of Pathology phoma -Leuker Ige/Sex: 3 Y/M Vard/Bed no:	
Specimen: CSF		HID- 20220220659 eceived on: 23/06/2:	3
PARAMETER	RESULT	UNITS	REFERENCE
Physical Examination		The State of the S	NANGE 1
Volume	3.0	MI	
Colour	Colour less	IVII	
Turbidity	Clear		
Coagulum			
Blood	•		
Deposit	•		
Cytological	In a line spin a start	State of the second second second	ter bielen skonste bielen
Examination			12 Andrew Martin
Cell count	<5	/ mm ³	< 4
Differential Leucocytes	C. ALTRONOM CONTRACTOR	The second second second	(en serio augurante autora
Count (%)			
Neutrophils	· ·		
Lymphocytes	-		
Eosinophils	•		
Vionocytes			
Isconhile		A	
Basophils Degenerated cells	•		
Aalignant cells	-		
Notes	Negative		
(Prof Suresh Babu) MD	_	Dr. Si	anjay Mishra) MD
Checked by JR:-			

Date::::::::::::::::::::::::::::::::::::		S' Medical University, Lucknow,	THOLOGY
ISO 9001:2008 CERTIFIED Date::::::::::::::::::::::::::::::::::::			
Lotter - Horizontal American Strategy Age/Sex : 3 Yrs.1 Mth./392574 Name : Haster, RAM SINGH Age/Sex : 3 Yrs.1 Mth./392574 Receipt : NA Receipt : NA Receipt : NA Receipt : NA Receipt : NA Receipt : NA Receipt : NA Observed Values Investigation Observed Values Investigation Observed Values HAEMATOLOGY S.7 g/dL Complete Blood Count 5.7 g/dL Haemoglobin 55 % Complete Count (TLC) 55 % Differential % Leuccoyte Counts: 55 % Neutrophils 40 % Complete Blood Count 55 % Haemoglobin 11-14 Haemoglobin 55 % Monocyte 03 % Basophil 150 Lac cells/mm3 Platelet Count 31.50 Lac cells/mm3 MPV 31.60 Colls/mm3 Total RECs 03 % MCH (Mean Cell Volume) 30.1 pg MCH (Mean Cell Volume) 31.1 pg MCH (Mean Cell Volume) 31.9 g/dl MCH (Mean Cell Volume) 31.9 g/dl M		ISO 9001:2008 CERTIFIED	
Name :: Maxter: RAM SINGH Ref. By : Dr.	Date : 28-Jul-2023		2 V- 4 Mile /302674
Ref.By :: Dr. Receipt :: RA Requested Test :: cts: Coll Time : 28-Jul-2023 11:19 AM Validate :: 28-Jul-2023 02:15 PM Investigation Observed Values Biological Ref. Interval HAEMATOLOGY Complete Blood Count Haemoglobin Differential % Leucocyte Counts: Neutrophils Lymphocytes Basophil Platelet Count MPV Total RBCs MCH (Mean Cell Volume) MCH (Mean Cell Volume) MCH (Mean Cell Volume) MCH (Mean Cell Volume) MCH (Mean Cell Volume) HCT (hematocrit). Rev State S	Name : Master. RAM SINGH		
Requested Test : ctc: Coll Time : 28-Jul-2023 11:19 AM Validate : 28-Jul-2023 02:10 PM Pm. Time : 28-Jul-2023 02:15 PM Investigation Observed Values Biological Ref. Interval Complete Blood Count Haemoglobin Total Leucocyte Counts: 9.7 g/dL 11:420 cettis/mm3 40:00 10:01 11:43 Neutrophils Cosmophils Monocyte Basophil Platelet Count MPV Total RBCs MCHC (Mean Cell Volume) MCHC (Mean Corpus. Hb Conc.) RDW HCT (Inematocrit) 9.7 g/dL 15:45 19:3% 10:05 15:45 10:00 15:45 10:00 15:45 11:50 Lac cells/mm3 15:45 11:50 Lac cells/mm3 15:50 Lac cells	Ref.By : Dr.	WARD	OPD
Requested Test : ctc: Coll Time : 28-Jul-2023 11:19 AM Validate : 28-Jul-2023 02:10 PM Pm. Time : 28-Jul-2023 02:15 PM Investigation Observed Values Biological Ref. Interval Complete Blood Count Haemoglobin Total Leucocyte Counts: 9.7 g/dL 11:420 cettis/mm3 40:00 10:01 11:43 Neutrophils Cosmophils Monocyte Basophil Platelet Count MPV Total RBCs MCHC (Mean Cell Volume) MCHC (Mean Corpus. Hb Conc.) RDW HCT (Inematocrit) 9.7 g/dL 15:45 19:3% 10:05 15:45 10:00 15:45 10:00 15:45 11:50 Lac cells/mm3 15:45 11:50 Lac cells/mm3 15:50 Lac cells	Receipt : NA		
Coli Time : 28-Jul-2023 11:19 AM Validate : 28-Jul-2023 02:10 PM Pm. Time : 20-00-2020 02:00 PM Biological Ref. Interval Investigation Observed Values Biological Ref. Interval HAEMATOLOGY Complete Blood Count Haemoglobin 57 g/dL 11-14 Strategion Differential % Leucocyte Counts: Neutrophils Monocyte Biological Ref. Biological Ref. Interval HAEMATOLOGY Object e Blood Count HAEMATOLOGY Differential % Leucocyte Counts: Neutrophils Monocyte Basophil Jatelet Count MPV 30 Lac cells/mm3 77.4 10.4 Otal RBCs 00 % 01-20 150 Lac cells/mm3 77.4 10.4 MCH (Mean Corpus. Hb Conc.) 30.1 02 31-37 30.1 02 31-37 NCHC (Mean Corpus. Hb Conc.) 87.3 fl. 35-45 35-45 Object Colspan="2">Colspan= 2000 C		Times	29. Jul 2023 02:15 PM
Investigation Observed values Interval Interval HAEMATOLOGY Complete Blood Count Haemoglobin 57 g/dL 11 - 14 Structure Values Interval Structure Values Interval Interv		Validate : 28-Jul-2023 02:10 PM Prn. Time : .	
Complete Blood Count 9.7 g/dL 11 - 14 Total Leucocyte Counts: 9.7 g/dL 50 % Neutrophils 45 - 65 Lymphocytes 35 % Eosinophils 03 % Monocyte 30 % Basophil 150 Lac cells/mm3 Pitatelet Count 1.6 MPV 1.50 Lac cells/mm3 Total RRCs 1.7 - 95 MCV (Mean Cell Volume) 30.1 pg MCH (Mean Corpus. Haemoglobin) 34.5 g/dl MCH (Mean Corpus. Haemoglobin) 34.5 g/dl MCH (hean Corpus. Haemoglobin) 35.45 g/dl MCH (hean Corpus. Haemoglobin) 36.5 g/dl MCH (hean Co	Investigation	Observed Values	
Haemoglobin Total Leucocyte Count (TLC) 9.7 g/dL 5000 - 1300 Differential % Leucocyte Counts: 45 - 65 Neutrophils 55 % 35 - 45 Lymphocytes 03 % 10 - 5.0 Eosinophils 03 % 10 - 5.0 Monocyte 00 % 10 - 5.0 Basophil 9.7 g/dL 40 % Platelet Count 150 Lac cells/mm3 1.5 - 4.5 MPV 9.1 74 - 10.4 MPV 9.1 72 - 95 MCY (Mean Cell Volume) 30.1 pg 25 - 33 MCH (Mean Corpus. Hb Conc.) 30.1 pg 28.1 % RDW 28.1 % 35 - 45		HAEMATOLOGY	
Haemoglobin Total Leucocyte Count (TLC) 9.7 g/dL 5000 - 1300 Differential % Leucocyte Counts: 45 - 65 Neutrophils 55 % 35 - 45 Lymphocytes 03 % 10 - 5.0 Eosinophils 03 % 10 - 5.0 Monocyte 00 % 10 - 5.0 Basophil 9.7 g/dL 40 % Platelet Count 150 Lac cells/mm3 1.5 - 4.5 MPV 9.1 74 - 10.4 MPV 9.1 72 - 95 MCY (Mean Cell Volume) 30.1 pg 25 - 33 MCH (Mean Corpus. Hb Conc.) 30.1 pg 28.1 % RDW 28.1 % 35 - 45	Complete Blood Count		
Neutrophils 50 % 35 - 45 Lymphocytes 40 % 1-6 Eosinophils 02 % 00 - 2.0 Basophil 0.0 % 1.5 - 4.5 Platelet Count 1.50 Lac cells/mm3 7.4 - 10.4 MPV 9 fl 4.0 - 5.3 MCV (Mean Cell Volume) 30.1 pg 25 - 33 MCH (Mean Corpus. Haemoglobin) 34.5 g/dil 31 - 37 MCH (Mean Corpus. Haemoglobin) 34.5 g/dil 35 - 45 RDW 1.5 - 14.5 35 - 45		9.7 g/dL 100)	
Neutrophils 50 % 35 - 45 Lymphocytes 40 % 1-6 Eosinophils 02 % 00 - 2.0 Basophil 0.0 % 1.5 - 4.5 Platelet Count 1.50 Lac cells/mm3 7.4 - 10.4 MPV 9 fl 4.0 - 5.3 MCV (Mean Cell Volume) 30.1 pg 25 - 33 MCH (Mean Corpus. Haemoglobin) 34.5 g/dil 31 - 37 MCH (Mean Corpus. Haemoglobin) 34.5 g/dil 35 - 45 RDW 1.5 - 14.5 35 - 45	Total Leucocyte Count (TLC)	- 1820 cetts/mm3	0000 1000
Neutrophils 40 % 35 - 45 Lymphocytes 03 % 1 - 6 Eosinophils 02 % 00 - 2.0 Basophil 00 % 0.0 - 2.0 Basophil 1.50 Lac cells/mm3 1.5 - 4.5 MPV 9 fl 7.4 - 10.4 MFV 9 fl 40 % MCV (Mean Cell Volume) 30.1 pg 31 - 37 MCH (Mean Corpus. Haemoglobin) 30.1 pg 31 - 37 MCH (Mean Corpus. Hb Cornc.) 34.5 g/dl 31 - 37 RDW 9.8 35 - 45 HCT (hematocrit) 28.1 % 35 - 45		55 %	
Eosinophils 00 3 % 00 - 20 Monocyte 8 Basophil Platelet Count MPV Total RBCs MCV (Mean Cell Volume) MCH (Mean Corpus. Haemoglobin) MCHC (Mean corpus. Haemoglobi			
Monocyte 00 % 0.0 - 2.0 Basophil 1.50 Lac cells/mm3 1.5 - 4.5 Platelet Count 9 fl 3.22 Million cells/uL 4.0 - 5.3 MCV (Mean Cell Volume) 3.01 pg 31 - 37 MCH (Mean Corpus. Hb Conc.) 34.5 g/dil 31 - 37 RDW 4.0 - 1.4 9.1 3.5 - 45			
Basophil 00 % 1.50 Lac cells/mm3 1.5 - 4.5 Platelet Count 1.50 Lac cells/mm3 7.4 - 10.4 MPV 3.22 Million cells/uL 4.0 - 5.3 MCH (Mean Corpus. Haemoglobin) 30.1 pg 31 - 37 MCH (Mean Corpus. Hb Conc.) 34.5 g/dl 31 - 37 RDW HCT (hematocrit). 35 - 45			
Plateer Count 9 fl. 7.4 - 10.4 MPV 9 fl. 3.22 Million colls/uL 4.0 - 5.3 MCV (Mean Cell Volume) 87.3 fl. pg. 25 - 33 MCH (Mean Corpus. Haemoglobin) 3.4.5 g/dl 31 - 37 MCH (Mean Corpus. Hb Conc.) 8.1.9 35 - 45 MCT (hematocrit) 9.1. 35 - 45	Basophil		
MPV 3.22 Million cells/uL 4.0 - 5.3 MCV (Mean Cell Volume) 87.3 fl. 25 - 33 MCH (Mean Corpus. Haemoglobin) 30.1 pg. 31 - 37 MCW 19.3 %l. 35 - 45			7.4 - 10.4
Total Recs 77 - 95 MCV (Mean Cell Volume) 87.3 fl. 25 - 33 MCH (Mean Corpus. Haemoglobin) 30.1 pg. 31 - 37 MCW 34.5 g/dl 31 - 57 HCT (hematocrit) 28.1 % 35 - 45			
MCH (Mean Corpus. Haemoglobin) MCH (Mean Corpus. Hb Conc.) RDW HCT (hematocrit) HCT (hematocrit)	Total RBCs		
MCHC (Mean Corpus: Hb Conc.) RDW HCT (hematocrit) 11.5 - 14.5 28.1 % 35 - 45	MCH (Mean Comus Haemoglobi	n) 30.1 pg	
RDW HCT (hematocrit) 35 - 45	MCHC (Mean Corpus. Hb Conc.)	34.5 g/di	
HCT (hematocrit)		and the second se	
		28.1 %	35-40
		0 70	
		and the set of the set	
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Contractor Distance in the
- गींघ स्वास्थ्य ताथ की कामण		033 545 13.21	1
- ग्रीय स्वास्थ्य ताथ की कामण		AND	THE R OF THE PARTY OF
- शींघ स्वास्थ्य ताथ की कामना		The same a finance in case	a constant of the state
-शींघ स्वास्थ्य ताथ की कामना	and the second se	the state of the s	The state of the second s
-शींघ स्वास्थ्य ताथ की कामना	and the second sec	a state of the state of the state of the	And the second sec
-शीघ्र स्वास्थ्य ताभ की कामना			
-शीघ्र स्वास्थ्य ताथ की कामना		the second se	and here and
-शीघ्र स्वास्थ्य ताभ की कामना		and the second s	
-शीघ्र स्वास्थ्य ताभ की कामना		and a second provide the second second	
-शीम्र स्वास्थ्य ताभ की कामना-		the second se	
End of report		-शीम् स्वास्थ्य ताभ की कामना	
(Co Faculty Incharge) (Faculty Incharge)	Chacke		TI AGARWAL DR WAHID



King Georges' Medical University, Lucknow, Uttar Pradesh, India

POST GRADUATE DEPARTMENT OF PATHOLOGY

(TRAUMA CENTRE PATHOLOGY)

ISO 9001:2008 CERTIFIED

	150 9001 2006 0	ERTIFIED	
Date : 03-Aug-2023	Reg/Ref: 20220220659 / 308230065	10	
Name : Master, RAM SINGH			
Ref.By : Dr.		Age/Gender : 3 Yrs.2 Mtl	ns./Male
		WARD : OPD	
Receipt : NA			The shade a straight
Requested Test : KFT, LFT, electo., cbc			
Coll Time : 03-Aug-2023 03:32 PM	Validate : 03-Aug-2023 06:49 PM	Prn. Time : 03-Aug-2023 0	7:15 PM
Investigation	Observed Values		Biological Ref.
	HAEMATOLOGY		
Complete Blood Count	<u>Literary</u>		
Haemoglobin			
Total Leucocyte Count (TLC)	7.1 g/dL		11 - 14
Differential % Leucocyte Counts	500 cells/mm3		5000 - 13000
Neutrophils	. 50 %		15 . 55
Lymphocytes	45 %		45 - 65 35 - 45
Eosinophils	03 %		1-6
Monocyte	02 %		1.0 - 5.0
Basophil	00 %		0.0 - 2.0
Platelet Count MPV	1.20 Lac cells/mm3		1.5 - 4.5
Total RBCs	10.3 fl.		7.4 - 10.4
MCV (Mean Cell Volume)	2.35 Million cells/uL		4.0 - 5.3
MCH (Mean Corpus. Haemoglobin	89.2 fl.		77 - 95
MCHC (Mean Corpus. Hb Conc.)			25 - 33
RDW	34.1 g/dl 18.8 %		31 - 37
HCT (hematocrit)	21 %		11.5 - 14.5 35 - 45
			30 - 40
	BIOCHEMISTRY		
KIDNEY PANEL			
Serum Urea	14.1 mg/dL.		The second second
Serum Creatinine	0.46 mg/dL.		10-45
and setting the	The state of the state	A State of the second second	0.6 - 1.5
LIVER FUNCTION TEST		A BAR BARE	
Serum Bilirubin, Total	0.32 mg/dl.		0.3-1.4
Serum Bilirubin, Direct	0.16 mg/dl,	The state of the second	0-0.4
SGOT	41.9 IU/L	A IN IN . MERINA	0-40
SGPT	57.6 IU/L		0-45
Serum Alkaline Phosphatase	622.5 IU/L	All and a second	50-270
			THE T HAR AND
and the second sec		020	ACCOUNTS AND IN THE
La manuel The			
Checked b	y-Lab Techinician JR-I/II	DR.PREETI AGARWAL	C. D. M. M.
and the second second	Sale of the second state	(Co Faculty Incharge)	DR.WAHID ALI (Faculty Incharge)
		Contraction and and and and and and and and and an	(, availy incliding)
115570 User KULDEEP (DELL-PC)			
Brinned AT Anna 2022 of 14 10 mar			





discover diagno

Naune: Age	Mst. RAM SINGH S/O AJAY VIKRAM 2 Ym Sex: Male	Client Details) Acc. ID:	Relief Diagnostics B5/19, 56002208393	
Regd Dt	06/06/2022 06/06/2022 19:27:29 07/06/2022 12:35:21	Refd. By: Report Dt. Tm Hospital No :	DR. N. VERMA 08/06/2022 13:04:51	
Reed DL THE	THE REAL PROPERTY AND			

ALL Panel For Dr. ARCHANA KUMARI

A	A CONTRACTOR OF			
	1997 - A. 1997	% Positivity	Intensity	Interpretation
	Marker			
	T-cell Markers	0.2		Negative
	CD3	0.6		Negativo
	CYCD7	0.3		Negative
	CD5	0.3		Negative
	CD7			Constant of the
	B-CELL	84.6	Dim to Moderate	Positive
	CD19			Positive
	CD10	98.1	Moderate	
	CD22	96,8	Dim	Positive
	CD20	0.7		Negative
	Mycloid/Mano			
	CD13	4.5		Negative
	CD33	1.1		Negative
	MPO	0.1		Negative
	Othern			
	CD34	0.1		Negative
	CD45	99.3	Dim	Positive
	CDII7	0.2		
		98.7	Madamta	Negative
	HLADR		Moderate	Positive
	CD38	99.1	Dim	Positive

Interpretation of Observations

Specimen Type: - Peripheral blood sample showed TLC - 12,500 cells/µl.

Instrument / Software: BD FACS Canto / BD FACS DIVA

Cell Preparation Method: Stain - Lyse- Wash



King George's Medical University, Uttar Pradesh, Lucknow Department of Pathology Haematology/Lymphoma -Leukemia

Patient:- Ram Singh Surgeon/Physician: Specimen: Blood and Bone marrow UHID. No: Lab. No: 953/22 Clinical Diagnosis:- ? ALL

BLOOD EXAMINATION REPORT

*Hemoglobin *Total Leucocytes Coun	:	8.8 g/dl 75,000 cells/cu
*Diff. Leucocytes Count	ŝ.	
Neutrophils	:	05%
Lymphocytes	:	10%
Monocytes	:	00%
Eosinophils	:	00%
Blast		85%
*Platelet Count	d.	40,000 / mm ³

.8 g/dl 5,000 cells/cumm 15% 0% 10% 10% 35%

Age /Sex: 2 Y/M Ward/Bed: Hospital: G.M. & A.H. Received on: 02/06/22 Reported on: 03/06/22

BC Parameters on CBC				
RBC :	3.51 x10 ⁶ /uL			
HCT :	22.8 %			
MCV :	65.0 fl			
MCH :	25.1 pg			
MCHC	38.6 g/di			

G.B.P :- Red blood cells are predominantly normocytic normochromic with mild anisocytosis.

BONE MARROW:

- Bone marrow smears are particulate and hypercellular.
- Majority of the cells present are intermediate size blast cells having high nucleo cytoplasmic ratio, coarse chromatin, inconspicuous nucleoli and scant amount of agranular basophilic cytoplasm.
- Cells of normal hematopoietic precursors are reduced.

IMPRESSION:- Acute Lymphoblastic Leukemia,

Advice: Immunophenotyping

(Dr. Sanjay Mishra) M.D.

Checked by JR:- Dr. Isha(JR), Dr. Shalini (SR)

				ONCOUEST discover diagnose defend discover diagnose defend
Age Ref. No. Regd Dt	Mst. RAM SINGH S/O AJAY VIKRAM 2 Yrs Sex: Male 06/06/2022 06/06/2022 19:27:29 07/06/2022 12:35:21	Client Details: Acc. ID: Refd. By: Report Dt. Tm: Hospital No :	Relief Diagnost B5/19, 56002208393 DR. N. VERM 08/06/2022 13:	A

ALL Panel For Dr. ARCHANA KUMARI

and For Exc	% Positivity	Intensity	Interpretation
Marktr	Construction of	alound as	
T-cell Markers	0.2		Negative
CD3	0.6		Negative
CYCD3	0.3		Negative
CD5	0.3		Negative
CD7			the the manager
B-CELL	\$4.6	Dim to Moderate	Positive
CD19	98.1	Moderate	Positive
CD10	96.8	Dim	Positive
CD22	0.7		Negative
CD20	-		
Myeloid/Mono	4.5		Negative
CD13	1.1		Negative
CD33	0.1		Negative
MPO			TreEntre
Others	1.0		Negative
CD34	99.3	Dim	
CD45		Dim	Positive
CD117	0.2	and a star of	Negative
HLADR	98.7	Moderate	Positive
(2)38	99.1	Dim	Positive

Interpretation of Observations

Specimen Type: - Peripheral blood sample showed TLC - 12,500 cells/µl.

Instrument / Software: BD FACS Canto / BD FACS DIVA

Cell Preparation Method: Stain - Lyse- Wash

-

-				
	\$ \$			ONCQUEST discover diagnose defend
Namet Age Ref. No. Regd. Di Coll Di. T Reed Di.	m 06/00/022 13/25/21	Apr. ID: Refd. By: Report DL Tm: Hospital No.:	Relief Diagnos B5/19, 56002208393 DR. N. VERM 24/06/2022 11:	A 01:47
Limitation evident on Correlation	The 07/06/2022 12:53:21 Low grade clonal rearrangements and/or the conventional keryotyping, of chromosomal study with clinical, hemalolog	i presence of submicroscopi gical & molecular findings is h	commended.	-
				-
-				
	monsued by Oncoveral Laboratories Ltd. It by scanning the OR code on top. In case of any o	to a state of the		And And
Terra contra la la	to the case of any a	liscrepancy please report to :	0124-6650000	

ONCQUES er diatant Jes ICQL discover diagnose detend Mst. RAM SINGH S/O AJAY VIKRAM Client Details: Rolief Diagnostics 85/19; Sex: Male Nasne: 56002208393 2 Ym Acc. ID: Age: DR. N. VERMA Refd. By: Ref. No. Report Dt. Tm: 08/06/2022 13:04:51 06/06/2022 Regd. DC Coll Dr. Tm: 06/06/2022 19:27:29 Hospital No.: Reed Dt. Tm: 07/06/2022 12:35:21 SSC Vs CD45 Gating. Flow cytometric analysis shows a cell cluster in CD45 dim region with low side scatter. These gated cells in blast Flow cylinetics how moderate expression of CD10, HLADR, dim expression of CD22, CD38, dim to moderate region(48.0%) show moderate expression of CD10, HLADR, dim expression of CD22, CD38, dim to moderate expression of CD19 and rest of the markers are negative. Impression The scatter parameters and antigen expression profile as studied by flow cytometry of the sample are suggestive of B Lymphoblastic Leukemia, B-ALL. 148 Correlation with clinical, cytogenetic and other hematological parameters is advised COMMENT: Recommendation for further testing is as follows: n Advised Karyotyping and ALL FISH panel or ALL Translocation panel for t(9:22),t(12:21),t(1:19) and t(4:11) by multiplex FCR, for risk stratification. pFollow up MRD studies by Flowcytometry are advised at completion of initial induction and/or as per chemotherapy regimen As per NCCN GUIDELINES recommendations:-Cytogenetic risk groups for B ALL -Good Risk: Hyperdiploidy (51-65 chromosomes; cases with trisomy of chromosome 4, 10 and 17 appear to have the most lavourable outcome); t(12;21)(p13;g22); ETV6-RUNX1

Poor Risk: Hypediploidy (<44 chromosomes); KMT2A rearranged (I(4;11] or others); f(v, 14q23)/igi (; (9;22)(q34;q11.2); BCR-ABL1(defined as high risk in the pre-TKI era); complex karyotype (5 or more chromosomal abnormalities); ph-like ALL; intrachromosomal amplification of chromosome 21 (lamp21)

Timing of MRD assessment

(I)Upon completion of initial induction

(i)Additional time points may be useful depending on the regimen used.

The test has been developed and its performance characteristics determined by Oncquest Laboratorias

Note: All investigations have their limitations which are imposed by the limits of sensitivity and specificity of individual assay procedures as

Tex No. 2 of 3 The seculo is processed by Oncourest Laboratories Ltd. Why his report by scanning the QR code on top. In case of any discrepancy please report to : 0124-6650000

the test results with clinical history of the patient. Not for medico-legal purpose.