



## HEMATOLOGY

### ALL METHOD REPORT

Cycle-12/2023

Round -1

Lab Code: 2620

Date: 28/02/2023

#### Complete Blood Count (CBC)

Parameters	No.of Participants	Robust Mean	Robust Standard deviation (SD)	Uncertainty of Assign Values	Range (± 2 SD)	Your Value	Z Score
Hb gm/dl	240	11.9	0.4	0.03	11.1-12.8	11.8	-0.2
WBC × 10 <sup>3</sup> /μl.	240	10.4	0.7	0.06	8.2-12.3	10.3	-0.2
RBC × 10 <sup>6</sup> /μl.	240	4.1	0.2	0.01	3.7-4.5	3.98	-0.7
Hct%	240	35.8	2.4	0.20	31.0-40.7	36.1	0.1
MCV fl.	240	87.1	4.8	0.39	77.5-96.7	90.7	0.8
MCH pg.	240	29.1	0.9	0.07	27.3-30.9	29.8	0.8
MCHC gm/dl	240	33.3	1.9	0.15	29.5-37.1	32.8	-0.3
Platelet × 10 <sup>3</sup> /μl.	239	267.3	20.9	1.69	225.5-309.1	253	-0.7

#### Interpretation of Z Score:

Z Score Value(+/-)	[Z] ≤ 2.0	2.0 < [Z] < 3.0	[Z] ≥ 3.0
Interpretation	Satisfactory Performance No signal	Questionable Warning Signal	Unsatisfactory Performance action Signal

#### Peripheral Blood Smear(PBS ):

	Your Result	Consensus Result
DLC	P-03,L-93,E-01,Prol-03	L-77.9-95.7, ProL-3.2-11.7, P-2.6-10.2
Morphology	Predominantly Normocytic Normochromic.Macrocytes few Polychromasia seen few severe leukocytosis with marked nature. Lymphocytosis lymphocyte sare small to medium size, scant to moderate cytoplasm,clumping of chromatin,03% prolymphocytes having moderate cytoplasm eccentric nucleoli. Many smudge cells are seen. Few large platelets are seen.	ΔNormocytic/ Normochromic (196/216) ΔLymphocytosis(190/216) ΔSmudge cells (188/216) ΔLeukocytosis (137/216) Δprolymphocytes (92/216)
Diagnosis	CLPD most likely Chronic Lymphocytic Leukemia (CLL),	Chronic Lymphocytic Leukemia (CLL), Chronic Lymphoproliferative Disorder (CLPD), Chronic Lymphoid Leukemia

Legends	(*) Excluded From Group Mean	{ } Not Reported	(#)Late Result Submission	(\$)Reported in other Unit
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Chief Coordinator

Programme Director

Dr. Sanjay Mehrotra

Dr.Bandana Mehrotra

Checked By:

Doc. No.: A35/FR/06/R 01/DL: 05.01.2022

\*\*End of Report\*\*

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## HEMATOLOGY METHOD WISE REPORT

**Lab Code: 2620**

**Cycle-12/2023  
Round -1**

**Date: 28/02/2023**

### Complete Blood Count (CBC)

Parameters	Method Group	No.of Participants	Method Wise Robust Mean	Method Wise Robust Standard deviation (SD)	Method Wise Uncertainty of Assign Values	Method Wise Range ( $\pm 2$ SD)	Your Value	Method Wise Z Score
Hb gm/dl	Photometric	171	11.9	0.4	0.04	11.2-12.7	11.8	-0.2
WBC $\times 10^3/\mu\text{l}$ .	Electrical impedance	154	10.5	0.7	0.07	9.1-11.8	10.3	-0.3
RBC $\times 10^6/\mu\text{l}$ .	Electrical impedance	168	4.1	0.2	0.02	3.7-4.5	3.98	-0.6
Hct%	Calculated	163	35.9	2.3	0.23	31.4-40.4	36.1	0.1
MCV fl.	Calculated	121	86.7	4.8	0.55	77.0-96.3	90.7	0.8
MCH pg.	Calculated	172	29.1	0.9	0.09	27.2-30.9	29.8	0.8
MCHC gm/dl	Calculated	174	33.4	1.9	0.18	29.6-37.1	32.8	-0.3
Platelet $\times 10^3/\mu\text{l}$ .	Electrical impedance	166	269.8	22.1	2.14	225.5-314.0	253	-0.8

### Interpretation of Z Score:

Z Score Value(+/-)	$[Z] \leq 2.0$	$2.0 < [Z] < 3.0$	$[Z] \geq 3.0$
Interpretation	Satisfactory Performance No signal	Questionable Warning Signal	Unsatisfactory Performance action Signal

Legends	(*) Excluded From Group Mean	{ } Not Reported	(#)Late Result Submission	(\$ )Reported in other Unit
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Chief Coordinator

Dr.Sanjay Mehrotra

Checked By:

Prepared By: SSh

Doc. No.: ASS / FR / 06A / R 01 / Dt.: 05.01.2022

Programme Director

Dr.Bandana Mehrotra

\*\*End of Report\*\*

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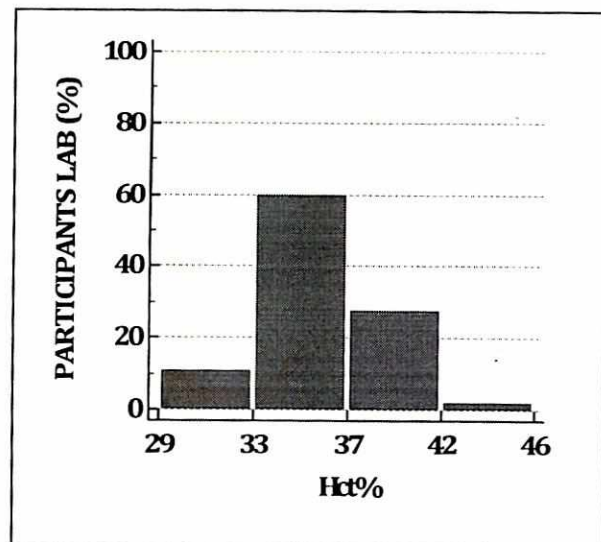
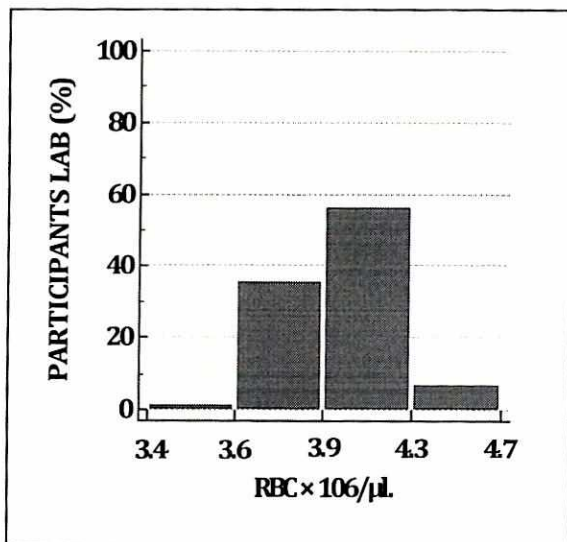
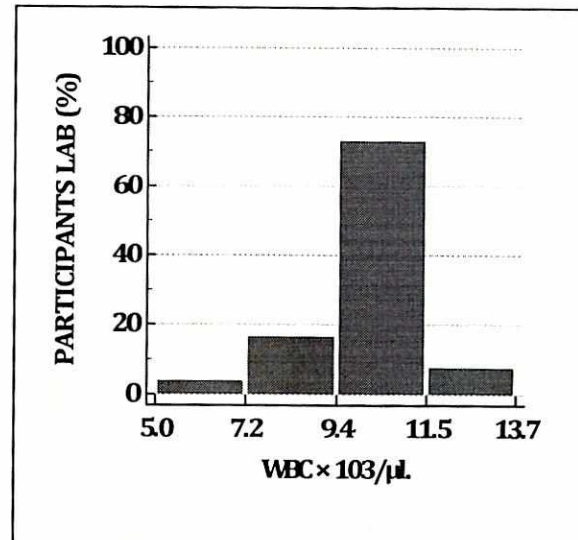
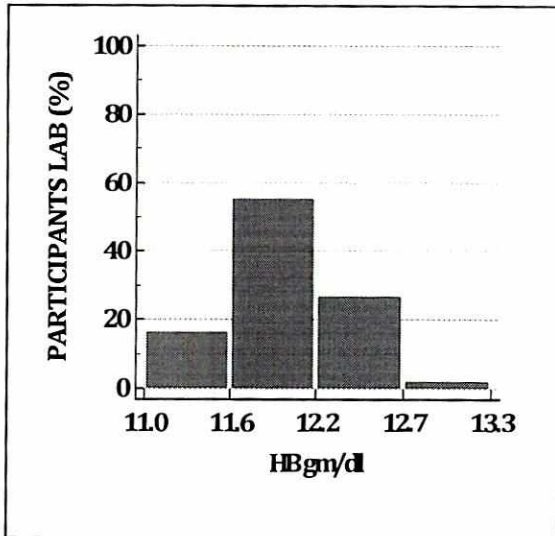
## HEMATOLOGY

### GRAPHICAL REPORT

Cycle - 12/2023

Round -1

Date: 28/02/2023



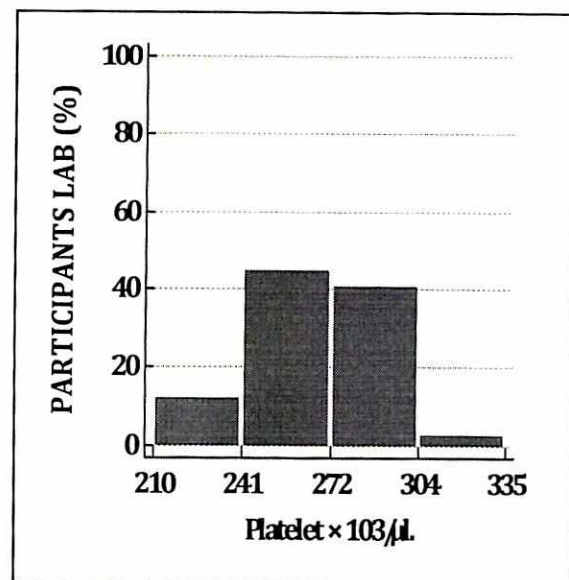
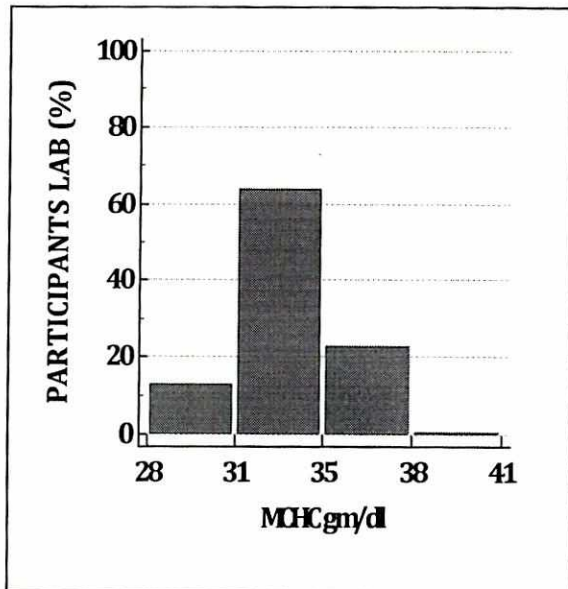
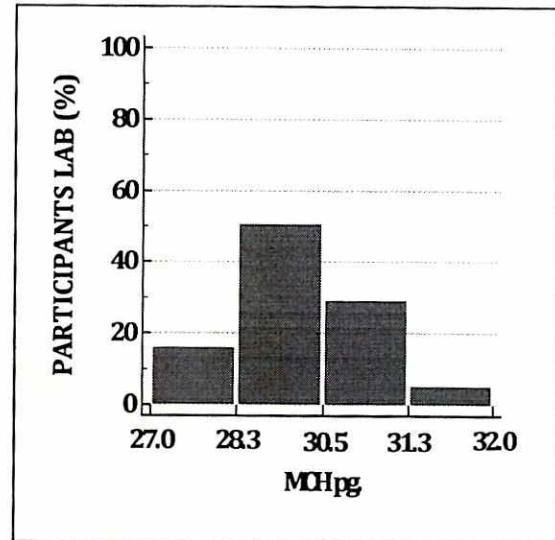
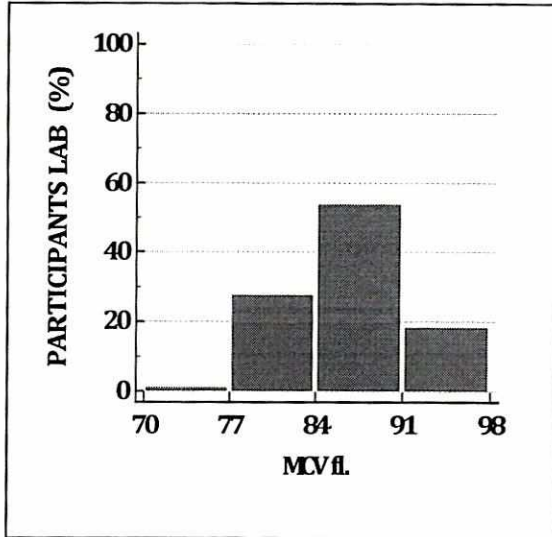
## HEMATOLOGY

### GRAPHICAL REPORT

Cycle - 12/2023

Round -1

Date: 28/02/2023



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## Hematology

### ALL PARTICIPANTS COMPLETE DATA REPORT

Cycle - 12/2023

Round No - 1

Date: 28/02/2023

**Note:-** This report is only for information about the participant's performance in the particular round

Parameters	Total No. of Participants	No. of Responses	No of Participant Excluded from Robust Group Mean	No. of Participants Z Score b/w 0.0 - 2	No. of Participants Z Score b/w 2.1 - 2.9	No. of Participants Z Score >3
Hb gm/dl	273	240	24	204	12	24
WBC × 10 <sup>3</sup> /μl.	273	240	76	151	13	76
RBC × 10 <sup>3</sup> /μl.	273	240	20	210	10	20
HCT%	273	240	11	216	13	11
MCV fl.	273	240	3	233	4	3
MCH pg.	273	240	12	213	15	12
MCHC gm/dl	273	240	5	226	9	5
Platelet × 10 <sup>3</sup> /μl.	273	239	13	215	11	13

**\*\*End of Report\*\***

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