



PARTICIPANT ASSESSMENT REPORT

CYCLE - 11
JAN 2022 - DEC 2022

Provider

RML - QAP (Quality Assurance Program)
Under RML Research Foundation
B-171, Nirala Nagar,
Lucknow
India

Coordinator

Dr. Sanjay Mehrotra
Dr. Supriya Mehrotra/Mr. Jaimit Singh

Enclosed Reports :

- All Method Report
- Method Wise Participant Report
- Graphical Report
- Participants Complete Data Report

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HEMATOLOGY ALL METHOD REPORT

Cycle-11/2022

Round -1

Lab Code: 2271

Date: 21/02/2022

Complete Blood Count (CBC)

Parameters	No.of Participants	Group Mean	Standard deviation (SD)	Uncertainty of Assign Values	Range (± 2 SD)	Your Value	Standard Deviation Index(SDI)
Hb gm/dl	113	11.7	0.4	0.05	10.9-12.5	11.7	0.0
WBC $\times 10^3/\mu\text{l}$.	113	9.8	2.7	0.32	4.4-15.2	11.3	0.6
RBC $\times 10^6/\mu\text{l}$.	114	4.0	0.2	0.02	3.68-4.28	4.01	0.0
Hct%	113	35.6	2.8	0.33	30.0-41.2	38.7	1.1
MCV fl.	114	89.5	4.9	0.57	79.8-99.2	96.7	1.5
MCH pg.	113	29.4	1.0	0.12	27.4-31.4	29.3	-0.1
MCHC gm/dl	113	32.8	2.4	0.28	28.0-37.6	30.3	-1.0
Platelet $\times 10^3/\mu\text{l}$.	114	259.9	19.3	2.26	221.4-298.4	283	1.2

Interpretation of SDI:

SDI Value(+/-)	0 - 0.5	0.6 - 0.9	1.0 - 2.0	2.1 - 2.9	≥ 3
Interpretation	Excellent Performance	Good Performance	Acceptable Performance	Marginal Performance Need Improvement	Unacceptable Performance Needs Urgent action

Peripheral Blood Smear(PBS):

	Your Result	Consensus Result
DLC	Bl-8, Myelo-18, Mmyelo-10, P-46, L-3, Band-5, E-2, B-8, nRBC-3-4	Myelo-10.8-33.9, P-10.3-42.8, Mmyelo-6.7-19.9, S-5.7-20.2, Pmyelo-1.7-12.4
Morphology	Mixed population of Normocytic Normochromic, few ovalocytes, Mild hypochromia, Mild anisocytosis & Mild polychromasia. WBC are markedly increased in number with shift to left. Blast 8% with high N:C ratio & 1-2 nucleoli seen. Increased basophils	Δ Normocytic/Normochromic (64/107) Δ Thrombocytosis (55/107) Δ Leukocytosis (45/107)
Diagnosis	CML	Chronic Myeloproliferative Disorder likely CML in Chronic Phase/ Chronic Myeloid Leukemia- Chronic Phase

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



Dr. Sanjay Mehrotra

Programme Director



Dr. Bandana Mehrotra

Checked By:



****End of Report****

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HEMATOLOGY

METHOD WISE REPORT

Cycle-11/2022
Round -1

Date: 21/02/2022

Lab Code: 2271

Note: Your lab is not the part of Method Group

Complete Blood Count (CBC)

Parameters	Method Group	No.of Participants	Group Mean	Standard deviation (SD)	Uncertainty of Assign Values	Range (± 2 SD)	Your Value	Standard Deviation Index(SDI)
Hb gm/dl	Photometric	48	11.7	0.3	0.05	11.0-12.4	-	-
WBC $\times 10^3/\mu\text{l}$.	Electrical impedance	51	9.9	2.8	0.49	4.3-15.4	-	-
RBC $\times 10^6/\mu\text{l}$.	Electrical impedance	60	4.0	0.2	0.03	3.6-4.3	-	-
Hct%	Calculated	27	34.8	3.1	0.75	28.6-40.9	-	-
MCV fl.	Electrical impedance	34	88.6	5.1	1.09	78.4-98.7	-	-
MCH pg.	Calculated	62	29.5	1.0	0.16	27.5-31.5	-	-
MCHC gm/dl	Calculated	63	33.0	2.4	0.38	28.2-37.8	-	-
Platelet $\times 10^3/\mu\text{l}$.	Electrical impedance	58	257.1	19.2	3.15	218.7-295.5	-	-

Interpretation of SDI:

SDI Value(+/-)	0 - 0.5	0.6 - 0.9	1.0 - 2.0	2.1 - 2.9	≥ 3
Interpretation	Excellent Performance	Good Performance	Acceptable Performance	Marginal Performance Need Improvement	Unacceptable Performance Needs Urgent action

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: SS

Programme Director



Dr.Bandana Mehrotra

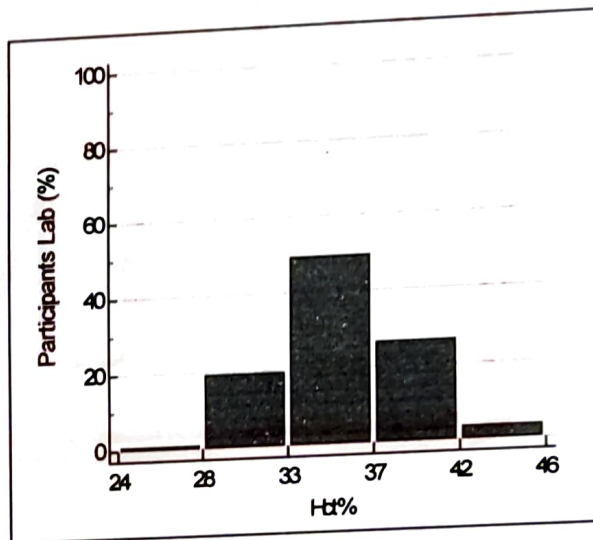
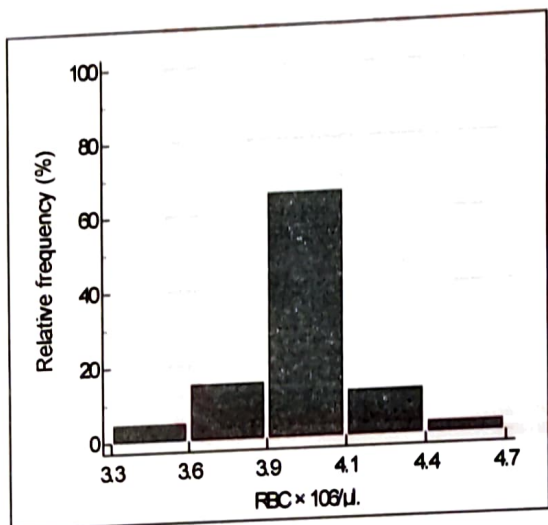
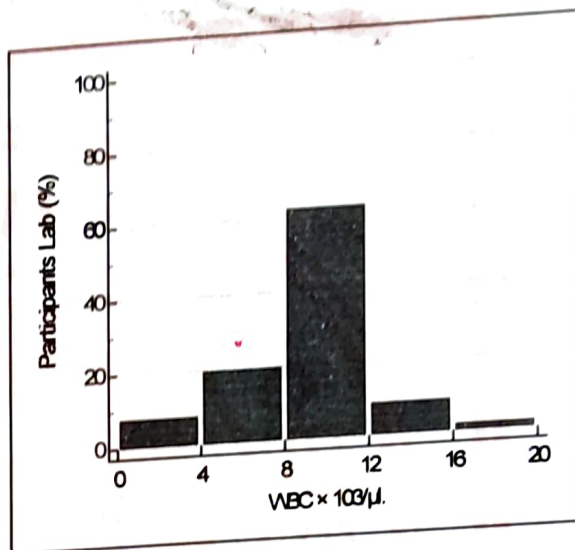
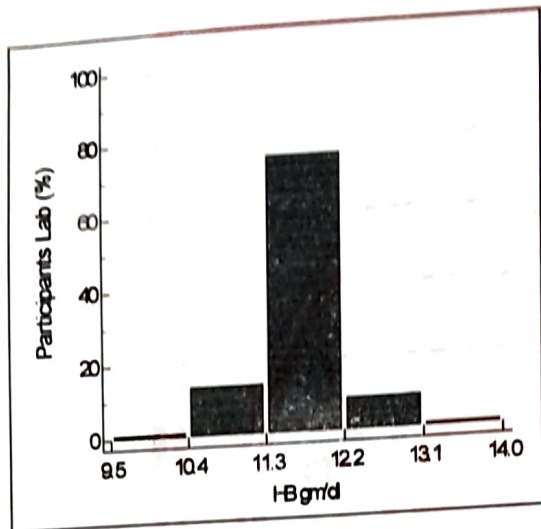
End of Report

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HEMATOLOGY
GRAPHICAL REPORT

Cycle - 11/2022
Round - I

Date: 21/02/2022

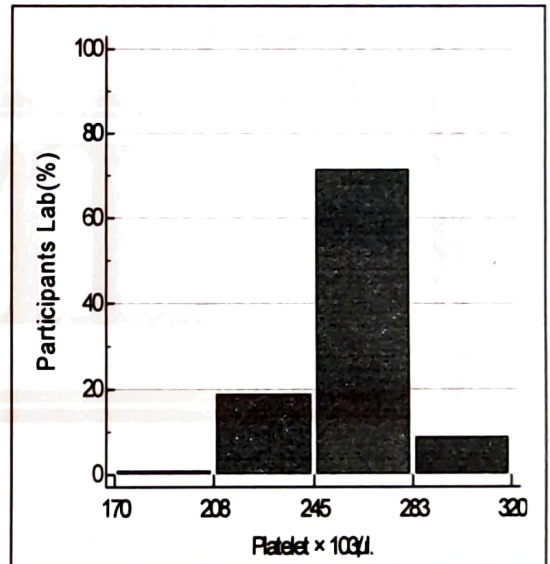
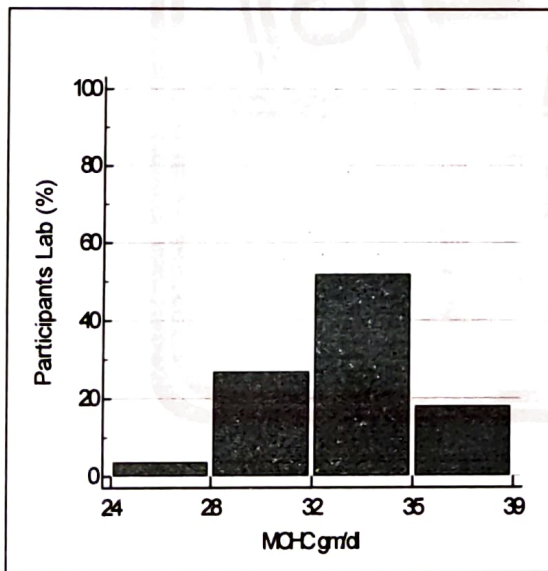
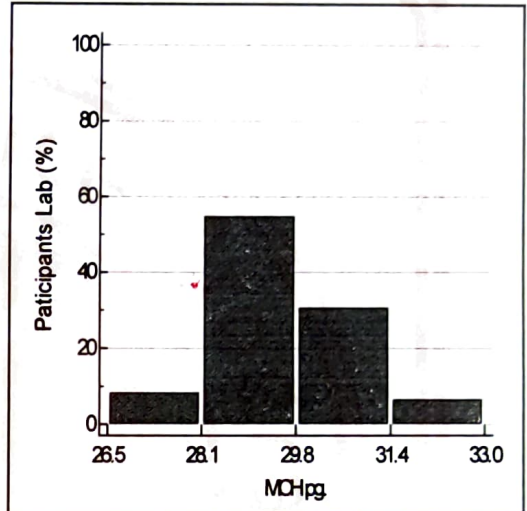
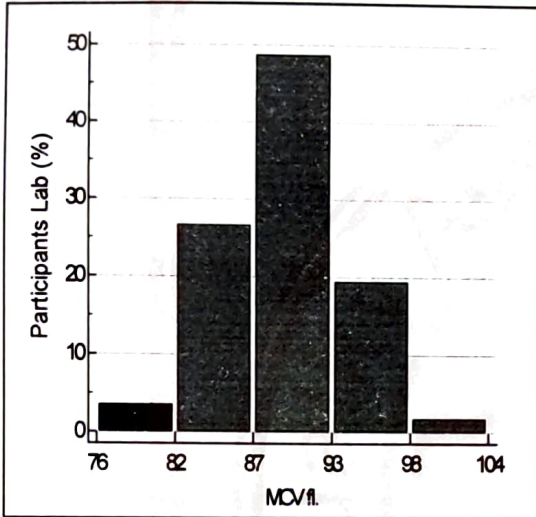


HEMATOLOGY

GRAPHICAL REPORT

**Cycle - 11/2022
Round -1**

Date: 21/02/2022



Hematology

ALL PARTICIPANTS COMPLETE DATA REPORT

Cycle - 11/2022
Round No - 1

Date: 21/02/2022

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 Group Mean	No. of Participants SDI b/w 0.0 - 2	No. of Participants SDI b/w 2.1 - 2.9	No. of Participants SDI >3
Hb gm/dl	133	113	11	94	4	15
WBC × 10 ³ /μl.	133	113	7	95	9	9
RBC × 10 ³ /μl.	133	114	7	97	4	13
HCT%	133	113	5	99	5	9
MCV fl.	133	114	1	109	4	1
MCH pg.	133	113	5	102	4	7
MCHC gm/dl	133	113	1	107	4	2
Platelet × 10 ³ /μl.	133	113	2	103	6	4

****End of Report****

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