



RML- Quality Assurance Program (RML-QAP)



HEMATOLOGY ALL METHOD REPORT

Lab Code: 3041

Cycle-12/2023
Round -5

Date: 31/10/2023

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	338	11.7	0.4	0.02	11.0-12.5	12.1	1.0
WBC $\times 10^3/\mu\text{l}$.	333	11.0	0.8	0.06	9.3-12.6	10.9	-0.1
RBC $\times 10^6/\mu\text{l}$.	336	4.1	0.1	0.01	3.9-4.3	4.18	1.1
Hct%	337	35.5	2.3	0.16	30.8-40.1	38.5	1.3
MCV fl.	336	86.8	4.6	0.31	77.7-95.9	92.3	1.2
MCH pg.	336	28.8	0.9	0.06	27.0-30.7	28.9	0.1
MCHC gm/dl	336	33.1	2.0	0.13	29.2-37.0	31.4	-0.9
Platelet $\times 10^3/\mu\text{l}$.	337	260.1	19.6	1.34	220.8-299.4	251	-0.5

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

Peripheral Blood Smear(PBS):

	Your Result	Consensus Result
DLC	P- 31, L-37, E- 31, Mono-01	P- 17.3-59.7, L- 8.7-24.3, E- 14.6-61.6, Mono- 1.2-4.8
Morphology	RBC- Morphology, Normochromic, Normocytic. WBC- Leucocytosis	Δ Normocytic/Normochromic (283/302) Δ Eosinophilia (264/302) Δ Leukocytosis (212/302) Δ Thrombocytopenia (153/302)
Diagnosis	Eosinophilia	Eosinophilia

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

Chief Coordinator

Dr. Sanjay Mehrotra

Checked By:

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

****End of Report****

Programme Director

Dr. Bandana Mehrotra

Page 1 of 5



Address: B-171, Nirala Nagar, Lucknow-226020. Ph.: 4034100-130 (30 Lines), 4077180, 2788444 Fax : (0522)2788555
Email: rmlresearchfoundation@gmail.com Website: www.rmlpathology.com

Continuous Efforts And Execution Leads To Quality Excellence



RML- Quality Assurance Program (RML-QAP)



HEMATOLOGY

METHOD WISE REPORT

Cycle-12/2023

Round -5

Lab Code: 3041

Date: 31/10/2023

Note: Your lab is not the part of this Method Group

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 (± 2 SD)	Your Value	Method Wise Z Score
Hb gm/dl	Photometric	195	11.8	0.4	0.03	11.0-12.5	-	-
WBC $\times 10^3/\mu\text{l}$.	Electrical impedance	175	11.0	0.7	0.07	9.5-12.5	-	-
RBC $\times 10^6/\mu\text{l}$.	Electrical impedance	195	4.1	0.1	0.01	3.8-4.4	-	-
Hct%	Calculated	191	35.8	2.4	0.22	30.9-40.6	-	-
MCV fl.	Calculated	136	86.4	4.4	0.48	77.5-95.3	-	-
MCH pg.	Calculated	202	28.8	0.9	0.08	27.0-30.6	-	-
MCHC gm/dl	Calculated	205	33.0	1.6	0.14	29.7-36.2	-	-
Platelet $\times 10^3/\mu\text{l}$.	Electrical impedance	192	259.3	18.7	1.69	221.9-296.8	-	-

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
---------	------------------------------	------------------	---------------------------	----------------------------

Chief Coordinator

Dr.Sanjay Mehrotra

Checked By:

Prepared By: SSK

Programme Director

Dr.Bandana Mehrotra

End of Report

Page 2 of 5

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



Address: B-171, Nirala Nagar, Lucknow-226020. Ph.: 4034100-130 (30 Lines), 4077180, 2788444 Fax : (0522)2788555
Email: rmlresearchfoundation@gmail.com Website: www.rmlpathology.com

Continuous Efforts And Execution Leads To Quality Excellence

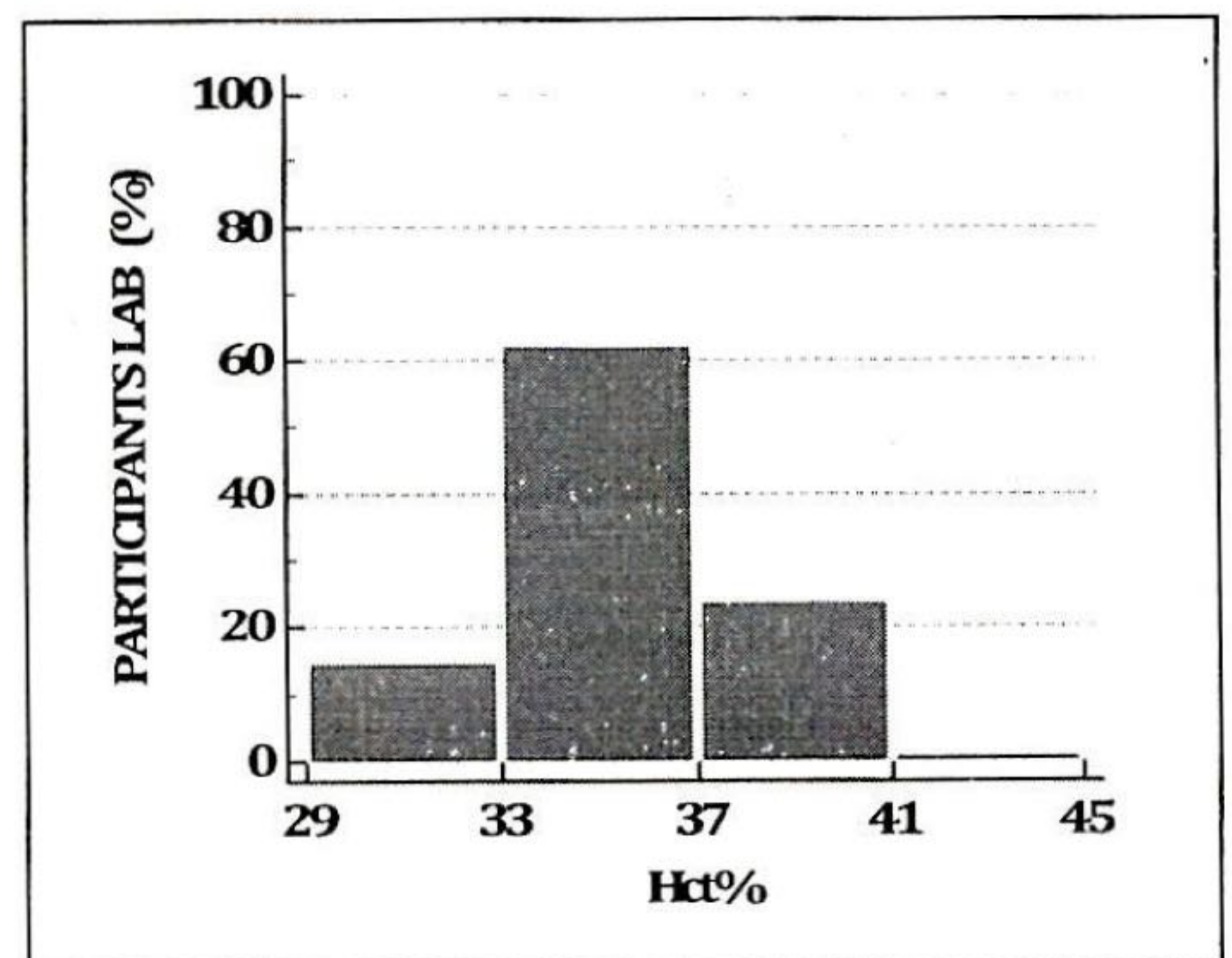
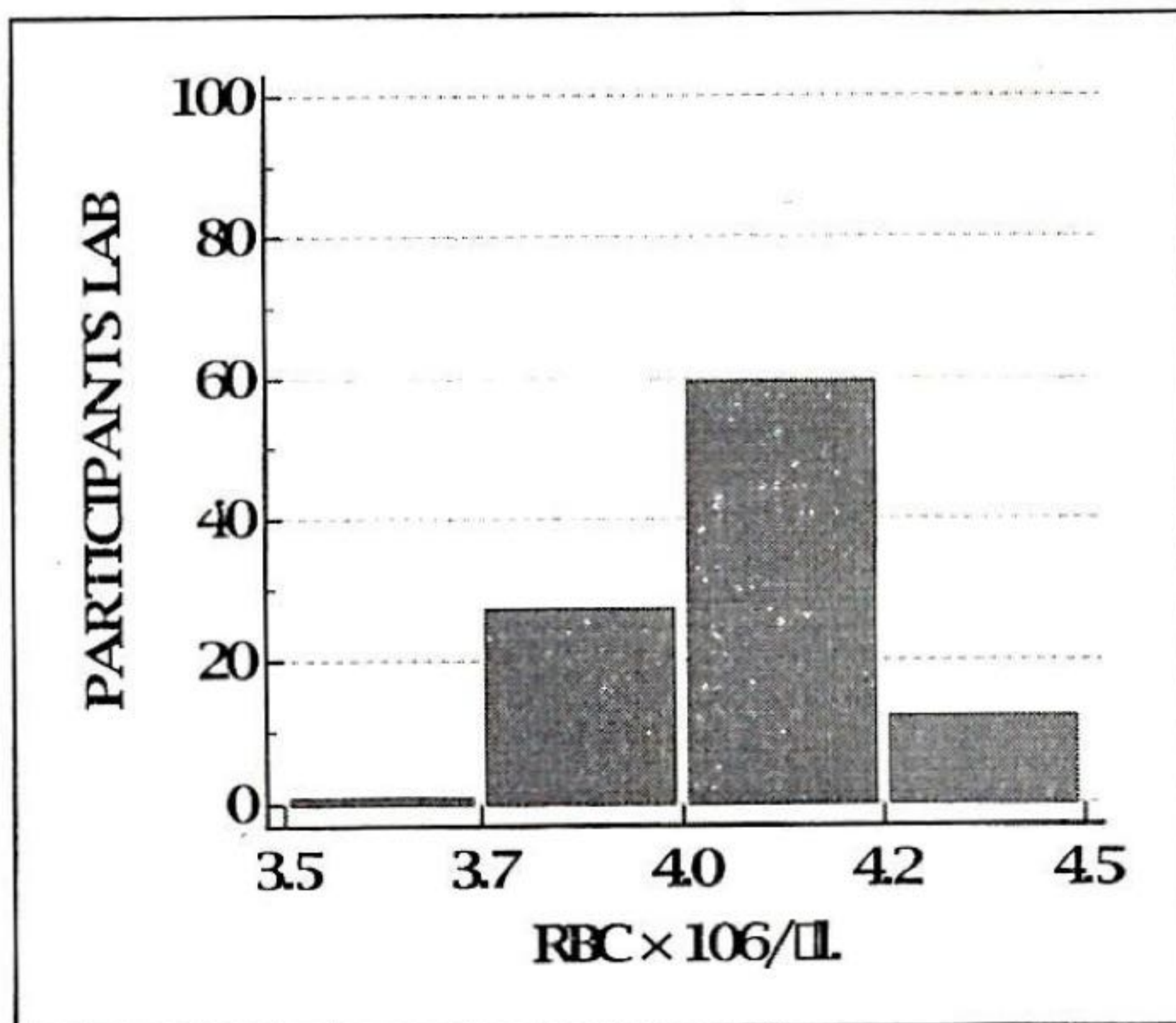
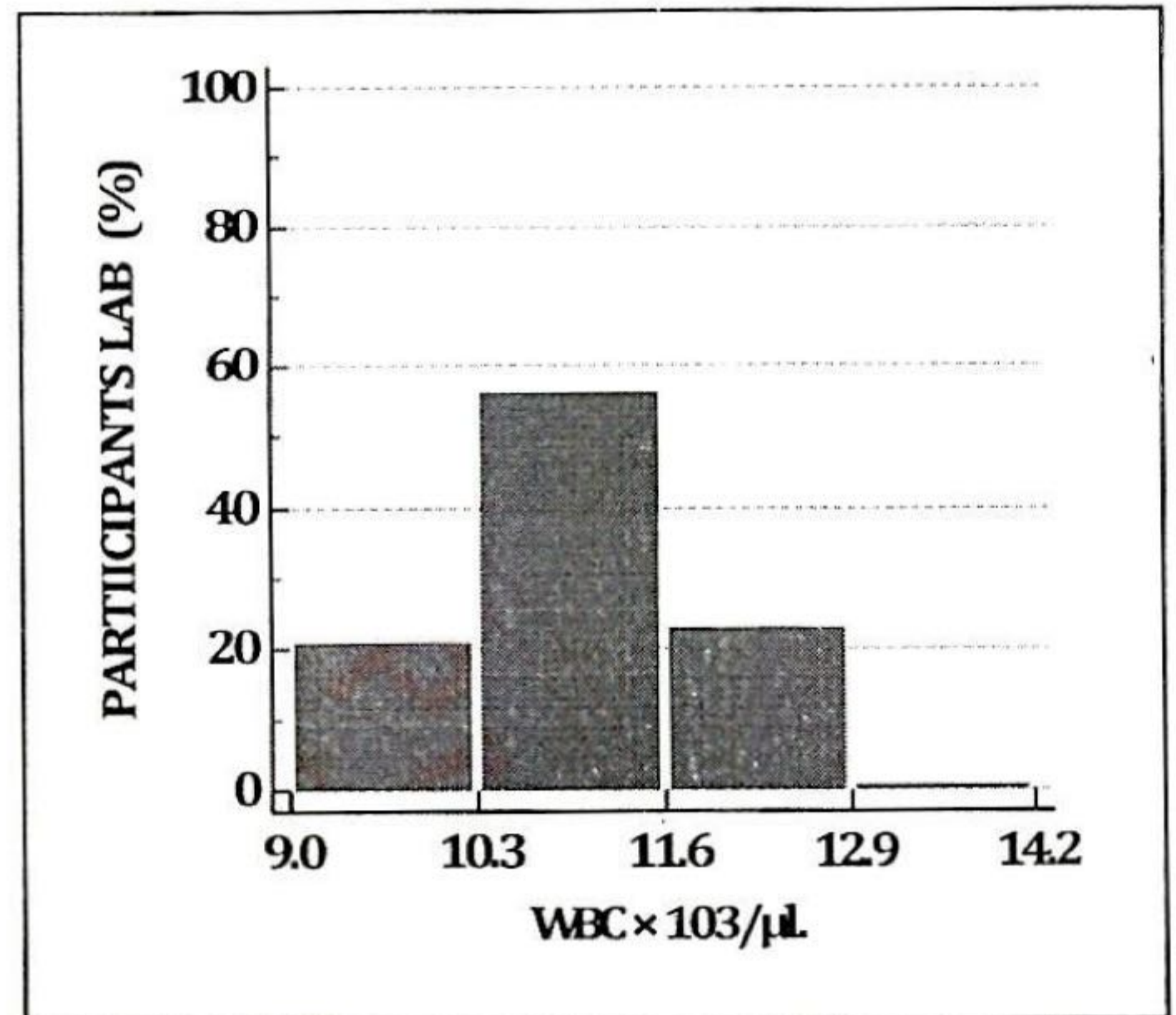
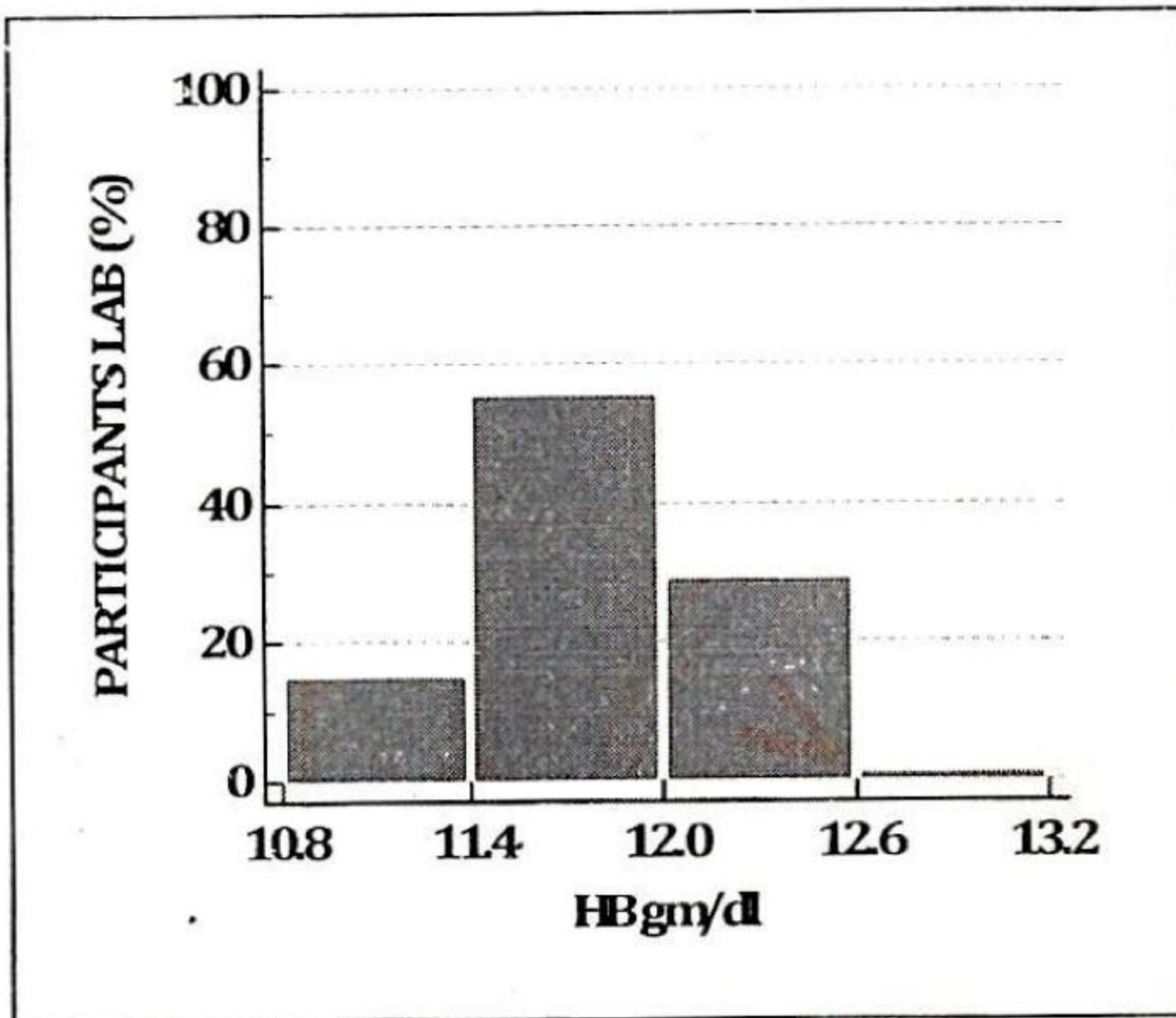


HEMATOLOGY

GRAPHICAL REPORT

Cycle - 12/2023
Round - 5

Date: 31/10/2023





HEMATOLOGY

GRAPHICAL REPORT

Cycle - 12/2023
Round - 5

Date: 31/10/2023

