



HEMATOLOGY

ALL METHOD REPORT

Cycle-11/2022

Round -4

Lab Code: 2492

Date: 01/08/2022

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 | 214 | 11.6 | 0.4 | 0.03 | 10.8-12.4 | 11.9 | 0.8 |
| WBC $\times 10^3/\mu\text{l}$. | 212 | 10.5 | 2.4 | 0.21 | 5.6-15.3 | 12.9 | 1.0 |
| RBC $\times 10^6/\mu\text{l}$. | 214 | 4.0 | 0.1 | 0.01 | 3.74-4.30 | 4.15 | 1.5 |
| Hct% | 213 | 34.9 | 2.4 | 0.21 | 30.2-39.6 | 36.1 | 0.5 |
| MCV fl. | 214 | 86.8 | 4.2 | 0.36 | 78.5-95.2 | 87.1 | 0.1 |
| MCH pg. | 214 | 28.8 | 1.0 | 0.09 | 26.8-30.8 | 28.7 | -0.1 |
| MCHC gm/dl | 214 | 33.1 | 2.0 | 0.17 | 29.1-37.2 | 32.9 | -0.1 |
| Platelet $\times 10^3/\mu\text{l}$. | 214 | 269.3 | 22.6 | 1.93 | 224.0-314.5 | 297 | 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 | P-20, L-71, E-1, M-8 | L-66.0-84.7, P-11.8-24.7 ProL-3.0-13.3 |
| Morphology | RBC normocytic normochromic, WBC-increased in number, occasional atypical cells seen, Plt- adequate | Δ Normocytic/ Normochromic (161/184) Δ Smudge cells (150/184) Δ Lymphocytosis (129/184) Δ Leukocytosis (101/184) Δ Atypical cells (30/184) |
| Diagnosis | Chronic Lymphocytic Leukemia | 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 |
|---------|------------------------------|------------------|---------------------------|----------------------------|
|---------|------------------------------|------------------|---------------------------|----------------------------|

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

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HEMATOLOGY METHOD WISE REPORT

Lab Code: 2492

Cycle-11/2022
Round -4

Date: 01/08/2022

Note: @ parameter 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 | 57 | 11.6 | 0.4 | 0.07 | 10.7-12.5 | 11.9 | 0.8 |
| WBC × 10 ³ /μl. @ | Electrical impedance | 64 | 11.1 | 1.5 | 0.23 | 8.1-14.0 | - | - |
| RBC × 10 ⁶ /μl. | Electrical impedance | 74 | 4.0 | 0.2 | 0.03 | 3.7-4.3 | 4.15 | 0.8 |
| Hct% @ | Calculated | 38 | 35.3 | 2.7 | 0.55 | 30.0-40.6 | - | - |
| MCV fl. | Electrical impedance | 40 | 87.2 | 4.8 | 0.95 | 77.6-96.8 | 87.1 | 0.0 |
| MCH pg. | Calculated | 75 | 28.8 | 1.0 | 0.14 | 26.8-30.8 | 28.7 | -0.1 |
| MCHC gm/dl | Calculated | 80 | 33.0 | 2.1 | 0.29 | 28.8-37.3 | 32.9 | 0.0 |
| Platelet × 10 ³ /μl. | Electrical impedance | 72 | 265.9 | 21.9 | 3.23 | 222.2-309.6 | 297 | 1.4 |

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 |
|---------|------------------------------|------------------|---------------------------|----------------------------|
|---------|------------------------------|------------------|---------------------------|----------------------------|

Chief Coordinator

Dr.Sanjay Mehrotra

Programme Director

Dr.Bandana Mehrotra

Checked By:

End of Report

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Prepared By: SS

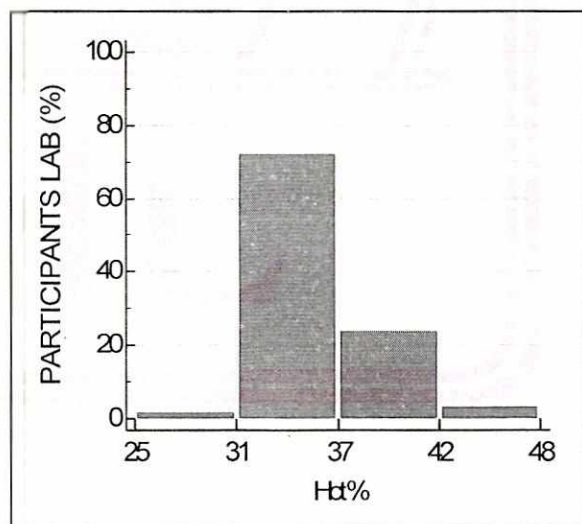
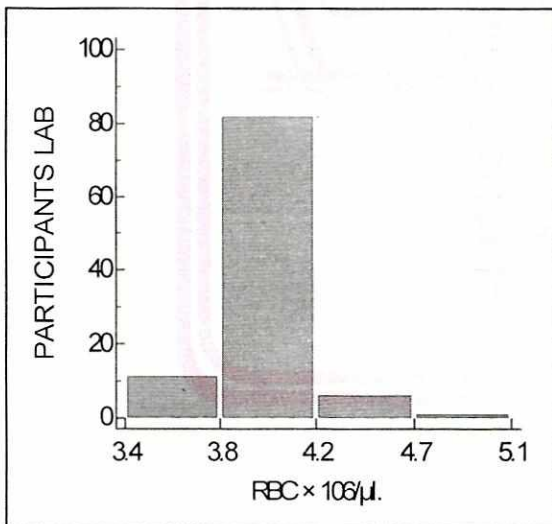
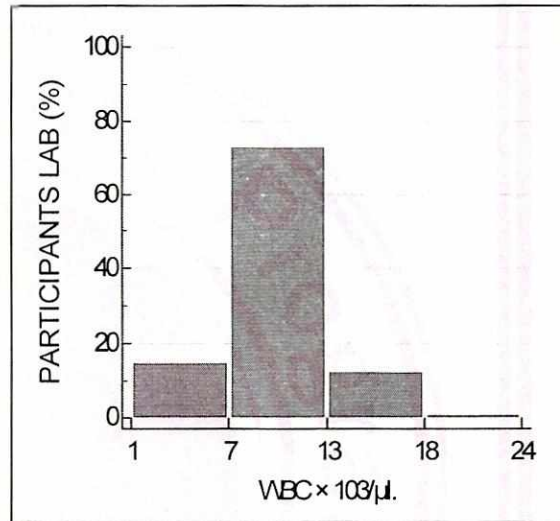
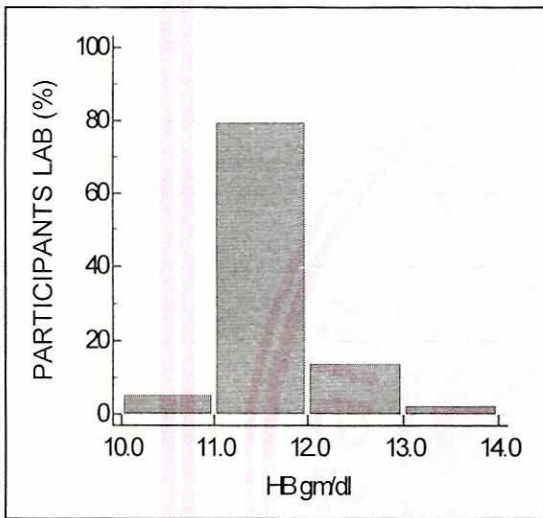


HEMATOLOGY

GRAPHICAL REPORT

Cycle - 11/2022
Round -4

Date: 01/08/2022

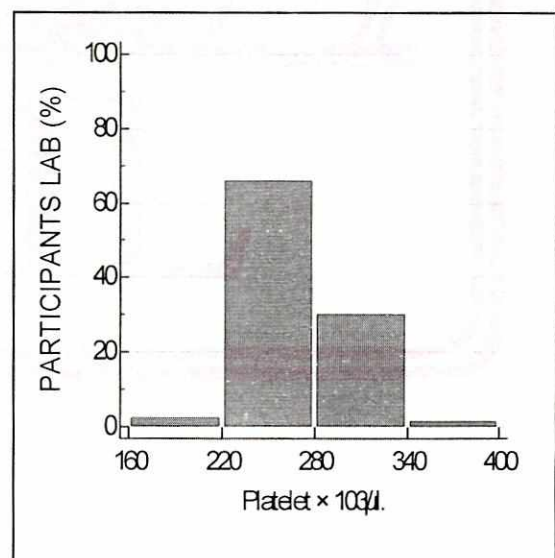
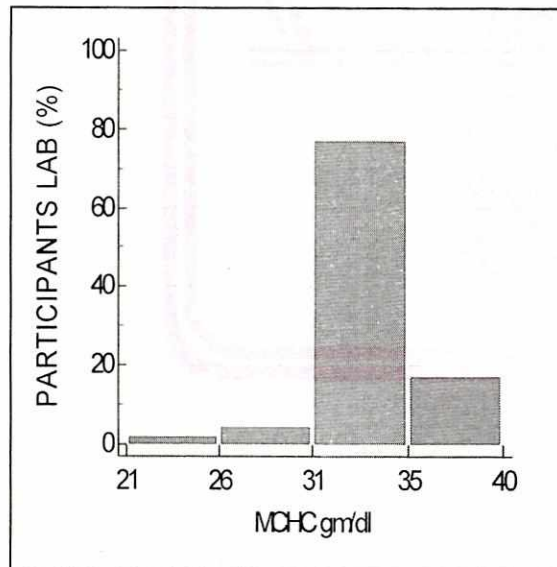
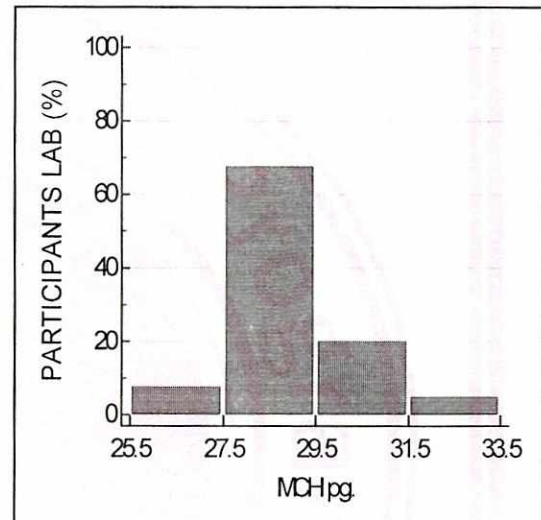
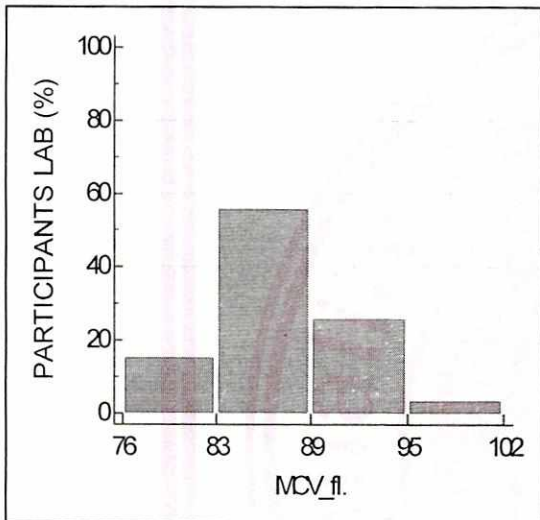


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GRAPHICAL REPORT

Cycle - 11/2022
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ALL PARTICIPANTS COMPLETE DATA REPORT

Cycle - 11/2022

Round No - 4

Date: 01/08/2022

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 | 241 | 214 | 15 | 182 | 6 | 26 |
| WBC × 10 ³ /μl. | 241 | 212 | 8 | 188 | 14 | 10 |
| RBC × 10 ³ /μl. | 241 | 214 | 18 | 161 | 21 | 32 |
| HCT% | 241 | 213 | 6 | 195 | 5 | 13 |
| MCV fl. | 241 | 214 | 2 | 202 | 6 | 6 |
| MCH pg. | 241 | 214 | 5 | 192 | 11 | 11 |
| MCHC gm/dl | 241 | 214 | 1 | 198 | 9 | 7 |
| Platelet × 10 ³ /μl. | 241 | 214 | 5 | 195 | 9 | 10 |

****End of Report****

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