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Lab Ref No
Name

230021609
MASTER KARTIK

DDL Center

Dr Dangs Lab

Age / Sex

4 Yrs / MALE

Inst.ReferredBy

CAN KIDS

FLOW CYTOMETRY

MINIMAL RESIDUAL DISEASE (MRD)

Flow ID: 2302F032M025

Clinical History: Case of B-ALL, HR. MRD evaluation at end of induction.

Specimen: Bone marrow in EDTA.

TLC in flow-cytometry bone marrow specimen - 30,620/ul.

CD markers used: Surface: CD45, CD19, CD10, CD34, CD38, CD58, CD73, CD86, CD66c, CD20, CD81 and CD123

Descriptive summary:

8-colour, 3-laser flow cytometry done on a BD FACS CANTO™ II flow cytometer. Analysis was done on FACS Diva™ v8 0.3 software.

Gating Strategy: The tubes were run till empty/ acquisition of a minimum 2 million events. In each tube, ~ 1.1-1.2 million events could be acquired. Exclusion of doublets on FSC-A vs FSC-H plot followed by exclusion of debris on the FSC vs SSC was done. Populations were gated on CD45 vs CD19 plot. Cells with abnormal expression of surface markers (expression pattern different from normal 'B' precursors and LAIPs) were looked for. The final MRD population is calculated with respect to nucleated cell population obtained from Syto13 tube.

Total CD19 positive events: 8,364.

Hematogones are almost nil and myeloblasts constitute 0.38% of all cells.

On extensive analysis of these 'B' cells, no distinct cluster of cells identified which shows abnormal expression of leukemic markers.

Impression - The flow-cytometry immune-phenotyping analysis of bone marrow specimen in a case of ALL does not show any evidence of Minimal residual disease.

Limitation: Diagnostic sample not available.

Sample No KARTHIK 47920 U2OPD
 Patient ID
 Name
 Sample Comment

Rack:

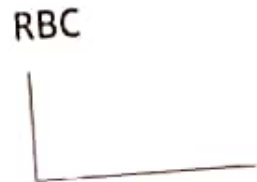
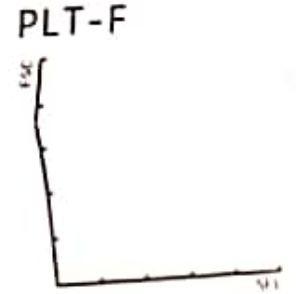
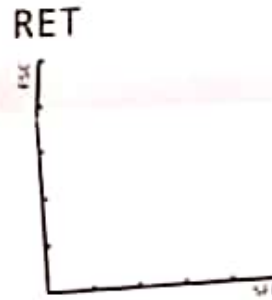
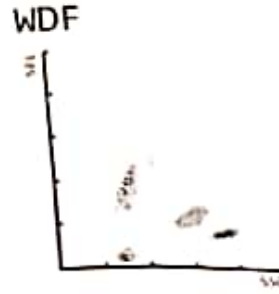
Position: 25/05/2024 12:26:
 Doctor
 Birth
 Nickname: Sex
 XN-1000-1-A

INVESTIGATION
 TLC
 RBC
 HGB
 HCT
 Differential Count
 Neutro
 Lympho
 Eosino

Positive
 Diff. Morph. Count

| | | |
|--------|--------|-----------------------|
| WBC | 3.14 | [10 ³ /uL] |
| RBC | 3.72 | [10 ⁶ /uL] |
| HGB | 11.9 | [g/dL] |
| HCT | 34.7 | [%] |
| MCV | 93.3 | [fL] |
| MCH | 32.0 | [pg] |
| MCHC | 34.3 | [g/dL] |
| PLT | 278 | [10 ³ /uL] |
| RDW-SD | 56.7 + | [fL] |
| RDW-CV | 17.2 + | [%] |
| PDW | 10.4 | [fL] |
| MPV | 10.1 | [fL] |
| P-LCR | 24.8 | [%] |
| PCT | 0.28 | [%] |
| NRBC | 0.00 | [10 ³ /uL] |
| NEUT | 1.86 * | [10 ³ /uL] |
| LYMPH | 0.50 * | [10 ³ /uL] |
| MONO | 0.46 * | [10 ³ /uL] |
| EO | 0.30 | [10 ³ /uL] |
| BASO | 0.02 | [10 ³ /uL] |
| IG | 0.01 * | [10 ³ /uL] |
| RET | | [%] |
| IRF | | [%] |
| LFR | | [%] |
| MFR | | [%] |
| HFR | | [%] |
| RET-He | | [pg] |
| IPF | | [%] |
| WBC-BF | | [10 ³ /uL] |
| RBC-BF | | [10 ⁶ /uL] |
| MN | | [10 ³ /uL] |
| PMN | | [10 ³ /uL] |
| TC-BF# | | [10 ³ /uL] |

| | |
|--------|-----------------------|
| 0.0 | [%] |
| 59.3 * | [%] |
| 15.9 * | [%] |
| 14.6 * | [%] |
| 9.6 + | [%] |
| 0.6 | [%] |
| 0.3 * | [%] |
| | [10 ⁶ /uL] |



RBC IP Message

PLT IP Message

WBC IP Message
 Lymphopenia
 Leukocytopenia
 Blasts/Abn Lympho?
 Atypical Lympho?

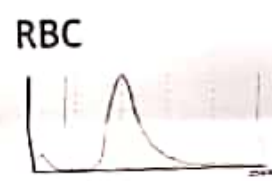
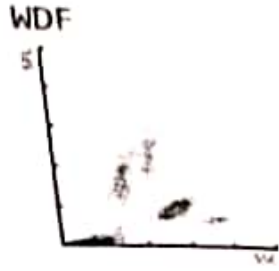
00-22 25/05/2024 12:26

Sample No.: 47920 KARTIK U2DAY CAR Adapter
 Patient ID: Ward:
 Name:
 Sample Comment:

Pos: 15/05/2024
 Birth: Doctor
 Nickname: Ser 711-L

Positive Diff.

| | | | | |
|--------|-------|-----------------------|------|-----|
| WBC | 3.46 | [10 ³ /uL] | | |
| RBC | 3.95 | [10 ⁶ /uL] | | |
| HGB | 12.9 | [g/dL] | | |
| HCT | 40.5 | [%] | | |
| MCV | 102.5 | [fL] | | |
| MCH | 32.7 | [pg] | | |
| MCHC | 31.9 | [g/dL] | | |
| PLT | 286 | [10 ³ /uL] | | |
| RDW-SD | 54.9 | [fL] | | |
| RDW-CV | 15.5 | [%] | | |
| PDW | 12.1 | [fL] | | |
| MPV | 11.0 | [fL] | | |
| P-LCR | 31.2 | [%] | | |
| PCT | 0.31 | [%] | | |
| NEUT | 2.15 | [10 ³ /uL] | 62.1 | [%] |
| LYMPH | 0.74 | [10 ³ /uL] | 21.4 | [%] |
| MONO | 0.39 | [10 ³ /uL] | 11.3 | [%] |
| EO | 0.16 | [10 ³ /uL] | 4.6 | [%] |
| BASO | 0.02 | [10 ³ /uL] | 0.6 | [%] |
| IG | 0.01 | [10 ³ /uL] | 0.3 | [%] |



WBC IP Message
 Lymphopenia

RBC IP Message

PLT IP Message

All

KARTIK GLO Sarwan

Age - 4 yrs 6 months

Presentation - fever/pallor

Review

Spleen

CXR

Not Bulky

Initial TCC - 25,020

WBC - 12

BM - MPO - ve Acute Leuk

Cytogenetic - not detected

Flow - B-ALL

~~DB ABC~~ - 13,760/L - (+ve)

1st CSF -
Karyo - negative
WBC - 31
WBCs - 5 cells (M60% N40%)
RBC - 2 cells

~~DBS~~ -
BM - diluted
MED - negative

Initial Risk - SR

Final Risk - HR (1/6/0 D8 ABC)



SMILE CHILD CARE TRUST

Together. We Can Heal The Country

Ref. No.

Date ...31/05/24

सेवा में
संस्थापक महोदय
स्मॉल चिल्ड्रें केयर

महोदय, मेरा लघु कार्टिक जिसका इलाज कलावती शरण बाल
चिकित्सालय इंदौर नई दिल्ली में हो रहा है। मेरा लघु मोमीन
रूप से पीड़ित है। मेरे लघु का बैसा है। मेरे लघु की
परेशानी बढ़ती जा रही है।

मैं आपसे हाथ जोड़ कर बिनती करता हूँ मेरे
लघु को मदद करे मैं अपना जीवन भर उभार
माँगा। और आपकी संस्था पर माझरी रहूँगा जीवन
भर।

आर्थिक सहायता प्रदान करे।

प्रार्थना

सरमन

