

5. LABORATORY TESTS:

ALL TESTS DONE FREE OF COST, AND ON ALL WORKING DAYS

The investigations done in various labs

a) Haematology

- CBC with P /S ,ESR
- Reticulocyte Count
- Serum Ferritin, B12 and Folate assay
- Tests for haemolytic anaemias
Fetal Hb and acid elution test ,G6PD enzyme (Semi quantitative), Sickling test,
Osmotic fragility test , Hb HPLC, EMA binding test, Test for PNH by flowcytometry
- Hematological malignancies work up
 - Cytochemistry-MPO, Sudan, PAS, NAP and NSE
 - Flowcytometry
 - Immunohistochemistry
 - Chromosomal translocation by RT-PCR in leukemias
- Bone marrow aspirate and biopsy reporting
- Tests for hemostasis-
 - PT, aPTT, TT, Fibrinogen, D Dimer
 - Factor assays-F VIII & IX
 - Coagulation inhibitors-PC, PS,ATIII, Lupus anticoagulant and APLA
 - Platelet function assay
 - Plasma homocysteine
- Semen analysis
- Urine routine & microscopy

b)Histopathology

- Processing and staining of small and large tissues
- Frozen section
- Histochemistry

c) Cytopathology

- FNAC, Cell Block
- GynaecPap (both conventional/Liquid based Cytology)
- Exfoliative cytology

d) Immunology

- Immunohistochemistry
- Tumour markers in serum-CA125
- Immunofluorescence for skin biopsy
- FISH on Breast tissue for Her2Neu, bcr-abl detection on CML and ALL cases
- Serum Iron studies-S Iron, TIBC, S. Ferritin
- S. beta 2 microglobulin, C-reactive protein, ADA
- S. complement(C3, C4)
- S. IgE

e) Autopsy Pathology

- Neonatal autopsies and medicolegal cases