

Annexure -I

**DEPARTMENT OF PATHOLOGY
JNIMS POROMPAT, IMPHAL**

Test available in the Emergency laboratory :

Sl no.	Name of the test available
1	CBC
2	PT-INR
3	Blood for MP
4	TLC(selected cases)
5	Platelet count (selected cases)
6	BT CT
7	Blood grouping and Rh typing
8	Urine RE including Ketone bodies, Bile pigments, Sp gravity etc

FOR HOD
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Shikharj

Prof. & H.O.D. of Pathology
JNIMS Porompat, Imphal
Manipur

**DEPARTMENT OF PATHOLOGY
JNIMS POROMPAT , IMPHAL**

INVESTIGATIONS DONE IN THE DEPARTMENT OF PATHOLOGY.

1. HAEMATOLOGY BLOOD

- | | Name of investigation |
|---------|--|
| i. | Routine Blood Examination (RE) |
| ii. | Complete Haemogram |
| iii. | ESR |
| iv. | General blood picture. |
| v. | Platelet count and morphology. |
| vi. | Absolute Eosinophil count. |
| vii. | Total WBC count |
| viii. | Total lymphocyte count |
| ix. | Total neutrophil count. |
| x. | RBC indices |
| xi. | Septic screening for Neonates (Immature / total granulocyte ratio, ESR) |
| xii. | Reticulocyte count. |
| xiii. | Blood for parasite – Malaria(slide) |
| xiv. | Rapid malaria test for PV and PF |
| xv. | Blood for microfilaria |
| xvi. | Sickling test. |
| xvii. | LE cell |
| xviii. | Osmotic fragility test |
| xix. | Auto Haemolysis. |
| xx. | Coomb's test (direct & indirect) |
| xxi. | Bleeding time |
| xxii. | Coagulation time |
| xxiii. | Prothombin time |
| xxiv. | Cytochemical stain of slides when necessary. |
| xxv. | RBC count. |
| xxvi. | Bone marrow aspiration. |
| xxvii. | Hb% |
| xxviii. | Coagulation Profile |
| xxix. | PCV |
| xxx. | Bone marrow trephine biopsy |

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2. **HISTOPATHOLOGY**

Name of investigation

- i. Routine H and E staining
 - 1. Small
 - 2. Medium
 - 3. Big
- ii. Special staining when necessary

3. **CLINICAL PATHOLOGY TEST**

- i. Fluid cytology
 - a. CSF including India Ink preparation
 - b. Pleural fluid
 - c. Peritoneal fluid.
 - d. Sputum cytology
 - e. Body fluid for AFB.
 - f. Pericardial fluid
- ii. Urine Routine examination
- iii. Urine special test like
 - a. Bence jones protein
 - b. Ketone bodies
 - c. Specific gravity
 - d. Bile pigments
 - e. Bile salts
 - f. 24hrs urine for protein
 - g. Urine for malignant cells`
 - h. Urine for AFB
 - i. Sugar
 - j. Albumin
 - k. Blood
 - l. Urobilinogen
- iv. Semen Analysis
- v. Stool for occult blood
- vi. Synovial fluid analysis
- vii. Urine for Micro albuminuria
- viii. Nasal discharge for eosinophil
- ix. Stool for reducing substance

FOR HOD
/ Shikha

PROF. K. D. J. Pathology
Jawahar Pathology Hospital
M. S. 100

4. CYTOPATHOLOGY SECTION:

Name of investigation

- i. FNAC
 - a. Routine MGG
 - b. Special stain when necessary
- ii. Papanicolaou smear (PAP) for FGT
- iii. Fluid and sputum cytology including urine for malignant cells.
- iv. Guided FNA (USG)
- v. CT guided FNAC
- vi. Bronchioalveolar lavage fluid for cytology.

For HOD
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Shikhar

Prof. HOD, Pathology
JMS Patanjali Hospital
2024