

**Name of Dept: Department of Immunohaematology & Blood Transfusion**

**License No. 280B (H)**

**Contact No.: 01262-281306, 281323, 381300-303 (Extn. No. 2253)**

**Facilities available in the Department:**

- **Blood Donation:** Blood donation is done by in-house donation and out-door voluntary blood donation camps. Voluntary blood donors are recruited after physical and medical examination according to donor selection criteria issued by National Blood Transfusion Council.
- **Mandatory testing** of all the blood units are done for five transfusion transmitted diseases i.e. HBs Antigen test for Hepatitis B, Anti HIV-1/2 antibody test for HIV, Anti HCV antibody test for hepatitis C by ELISA and RPR/VDRL test for syphilis and Malaria screening by rapid card technique. Units found sero-reactive for any of these disease are discarded and donor is called by post and telephonically to blood bank for counselling and referred to concerned department for further confirmatory testing and treatment.
- **Component Preparation & their storage**
  - Packed red blood cells
  - Fresh frozen plasma
  - Platelet concentrate
  - Cryoprecipitate
- **Gamma Irradiation unit:** is used for irradiation of whole blood / various blood components.
- **Cell separator (Aphaeresis):** is used for preparation of Single donor platelets.
- **Serology Laboratory:** compatibility testing of blood and blood components
- **Emergency Services:** are available round 'O' clock (24 X 7).
- **Blood Storage centre:** at Dhanvantari Apex Trauma Centre PGIMS Rohtak provide blood/blood components to patients admitted in the trauma centre
- **Department follows the guidelines of Haryana State Blood Transfusion Council/ National Blood Transfusion Council issued time to time**
- **Teaching:**
  - PG courses: Pathology, Biochemistry, Microbiology and Physiology as per MCI norms.

- UG courses: MBBS, BSc MLT, BSc MLT, BSc Nursing and BSc OTT.

#### **Duties of Officer's & Employees:**

- **Prof I/c:** Supervision, administration and teaching
- **Medical Officer, Demonstrator and House Surgeon's:** act as blood transfusion officer
- **Technical Supervisor:** To ensure internal Quality control in laboratory.
- **Laboratory Technician:** Perform duties in different labs of the department i.e. serology lab, TTI lab, Components lab and Aphaeresis Lab as per SOP's.
- **Lab Attendant:** To assist the lab technician in lab work.
- **Nursing Sister:** Supervise in working of the staff nurse and maintain the record of consumables and non-consumables.
- **Staff Nurse:** Perform duties as phlebotomist (in-house & out door voluntary blood donation camps) and maintain the blood donor's records.
- **Ministerial staff:** maintain the departmental activity and keeping of the records of office of the dept.
- **Counsellor:** counsel and refer the sero-reactive donor to concerned speciality.

**Hospital Transfusion Committee** comprising of following is constituted for timely safe and quality blood supply to the patients:

- |   |   |                  |
|---|---|------------------|
| 1. Medical Superintendent, Pt. B. D. S. PGIMS, Rohtak.  | - | Chairman         |
| 2. Sr. Prof. & Head Surgery Department                  | - | Member           |
| 3. Sr. Prof. & Head Orthopaedics Department             | - | Member           |
| 4. Sr. Prof. & Head Paediatrics Department              | - | Member           |
| 5. Sr. Prof. & Head Cardiology Department               | - | Member           |
| 6. Sr. Prof. & Head Medicine Department                 | - | Member           |
| 7. Sr. Prof. & Head Anaesthesia Department              | - | Member           |
| 8. Sr. Prof. & Head Obstetrics & Gynaecology Department | - | Member           |
| 9. Nursing Superintendent                               | - | Member           |
| 10. In-charge ICTC                                      | - | Member           |
| 11. Prof. & Head Blood Transfusion Department           | - | Member Secretary |
- Budget is available with the Director, PGIMS, Rohtak as per requirement.