



BLOOD BANK



RESPECT FOR LIFE

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Respect for Life
सम्मान जिंदगी का



At Sir H. N. Reliance Foundation Hospital and Research Centre, our Blood Bank plays a vital role in patient care. We are actively concerned with the rational use of blood and blood components. Our team of committed doctors, well-trained medical staff and qualified counsellors ensures good practices in all aspects of blood transfusion, including donor selection procedures, donor bleeding, component preparation while performing serological procedures for blood groups and screening for transfusion-transmitted infections.

Our Blood Bank is licensed by the Food and Drug Administration. We are also a member of the State Blood Transfusion Council and the Federation of Blood Banks. We follow internationally recognised best practices in blood transfusion and ensure the highest quality of service, operating efficiencies, donor satisfaction and patient care.

Indeed, at Sir H. N. Reliance Foundation Hospital and Research Centre, we don't just treat the body, we go further: we respect life.

BLOOD BANK: Level 3, Kapol Niwas, 24x7

TECHNOLOGY & INFRASTRUCTURE

The Blood Bank endeavours to supply the safest possible blood and blood components every time. The process of ensuring safety begins with a diligent check of the donor's medical history and a physical examination. Each unit is tested for HIV 1 and 2, Hepatitis B, Hepatitis C, Syphilis and Malaria, using the latest technology and methods.

The immunohaematology laboratory performs donor and patient blood group analysis, Rh phenotyping, antibody screening and

antibody identification using a fully automated system from Immucor. Advanced work-ups such as auto/allo adsorption, elution, extended antigen typing and platelet cross-match are undertaken to solve difficult cases.

To minimise adverse reactions, advanced technologies like leucocyte reduction, irregular antibody screening, irradiation etc. are also available. Use of sterile connecting device makes it possible for the Blood Bank to provide blood components in aliquots for paediatric transfusions.

Apheresis: The area is equipped with a fully automated cell separator, which can be programmed to produce various components and perform a range of therapeutic procedures, such as platelet pheresis, plasmapheresis and granulocyte pheresis.

SERVICES

The Blood Bank is licensed to prepare:

- Whole blood
- Concentrated human red blood corpuscles
- Leucocyte reduced red blood concentrate
- Fresh Frozen Plasma
- Random donor platelet concentrate
- Cryoprecipitate
- Saline washed packed cells
- Single donor platelets (platelets prepared by apheresis)
- Leukapheresis

