#### Apheresis (Automated cell separator)

Removes the designated blood component from the donor and at the same time returns the other components into donors body.



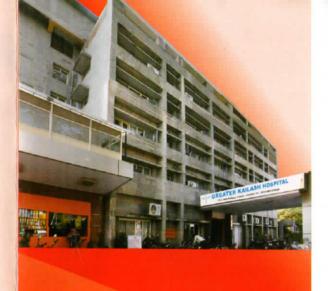
#### Advantages -

- Single donor as against multiple donors required in conventional blood components. This avoids exposure to multiple donors leading to alloimmunization & prevents future transfusion reactions & risk of HIV Transmission.
- One unit of Apheresis platelets is equivalent to 6-8 platelet concentrates assuring maximum response from transfusion.
- Same donor can be used again after
  48 hours in case of rare blood groups.
- Therapeutic plasma exchange can be done for specific indications.
- Therapeutic Leucapheresis can be done in Leukemias with very high count.

- Equipment of latest technology
- Maximum Safety from ultimate Quality
- Quality Control of all procedures from donor selection to issue of blood components
- Quality Control of Blood components to ensure maximum benefit from transfusion.



G K Clinic Greater Kailash Hospital 11/A, Old Palasia, Indore - 452 018 (M.P.)



# Department of Transfusion Medicine



# **GREATER KAILASH HOSPITAL**

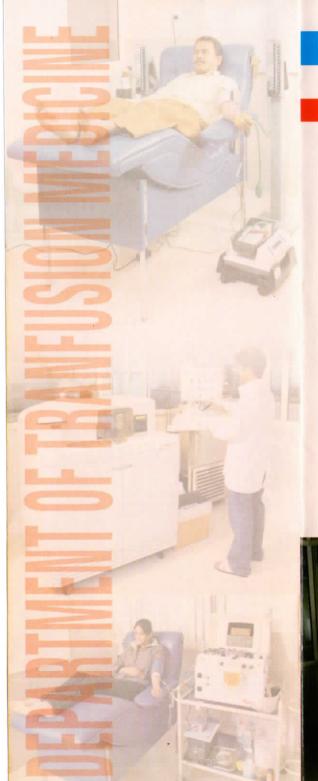
11/2, Old Palasia, Indore-452 018 (M.P.) Ph.: 0731-6633333, 2444400

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GREATER

HOSPITA



## **DEPARTMENT OF TRANSFUSION MEDICINE**

#### **FACILITIES -**

## **Blood components -**

- Packed RBC
- Platelet concentrate
- Fresh frozen plasma
- Cryoprecipitate

# Leuco - reduced blood components -

- Leuco-reduced RBC
- Leuco-reduced Platelets
- Leuco-reduced FFP

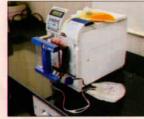
# Apheresis - (Automated Cell Separator)

- Plateletapheresis
  (Single Donor Platelet)
- Plasmapheresis
- Leucapheresis



# ULTIMATE SAFETY OF BLOOD TRANSFUSION

- FDA licensed for Blood Components, Leucoreduced Blood Components & Apheresis.
- Structure, Design, Equipment & Procedures all as per FDA safety norms.
- Meticulous Donor selection to avoid risky donors likely to transmit HIV or Hepatitis to patients.
- Screening of Donor Blood as per strict FDA guidelines & Quality Control- to ensure 0% error in screening for HIV / Hepatitis B / Hepatitis C.
- Quality Control of all reagents to ensure 100% accuracy & precision.
- Quality control of Blood Components- to ensure optimum & expected benefit from transfusion.
- Regular proficiency testing of technical staff for flawless performance - to maintain reliability of results in all procedures.
- Leuco-reduction facility -To remove leucocytes from blood components. Leucocytes cause Febrile reactions, HLA alloimmunization leading to Post - Transfusion Purpura, transmission of CMV &



other leucotropic viruses. These components are ideal for all patients to ensure maximum safety from transfusion. They are particularly essential in immunocompromised patients & those requiring regular transfusions.