

Annexure-A

SPECIFICATIONS FOR ON LINE BLOOD CELL SEPARATOR (APHERESIS MACHINE)

1. Fully automated microprocessor controlled continuous flow Cell Separator with user friendly touch screen operation.
2. Should be a donor & operator friendly unit.
3. Should have single arm procedure for all protocols.
4. Mobile, easily transportable to patient site for therapeutic uses .
5. It should operate on battery back up (UPS) and should also operate at least two hours on a commercially available one KVA UPS.
6. It should have a high yield leuco-depleted platelet collection from a single donor with minimal plasma and should have capability of collecting 3×10^{11} or more platelets from a single donor within 60 minutes using a single arm / double arm procedure.
7. On entering the patient data and procedure characteristic, system automatically set run parameters with predicted run results and should decide yield based on the post HCT , Platelet count and percentage of blood volume to be depleted from donor.
8. It should collect platelet in a pre suspended form.
9. It should have self loading pumps to simplify and speed up apheresis kit installation .
10. It should allow collection of up- to two units of leucodepleted RBC concentrated, Both Autologous and Homologous Red Blood Cells and Leuco-depleted platelets.

SPECIFICATIONS FOR ECG MACHINE

- Twelve channel
- Electricity & Battery Operated
- Auto and manual profiles

- Defibrillation protection
- Pacemaker Detection
- Loose lead indicator
- Digital filters

SPECIFICATIONS FOR HAEMODIALYSIS MACHINE

- Fully automatic, color touch screen operation with acetate/Bicarbonate operation
- Volumetric ultra filtration device
- Syringe pump
- Battery back-up
- Hot rinse option
- CVT attached
- Automatic blood pressure monitoring
- The machine should be user friendly, rough and tough and easy to maintain.

SPECIFICATIONS FOR ETHYLENE OXIDE STERILIZER

- Size 2-4 Cu ft (56-113 liters) capacity, table top model
- Double jacketed, corrosion and gas resistant body
- Door with radial locking arrangement for seal proof condition
- Safe and easy handling