

Comparison of Efficacy and Safety of Manual Syringing Versus Pneumatic Pressure Bag for Blood Transfusion in Patients Undergoing Cesarean Section With Major Obstetric Hemorrhage

NCT07466719

Status	RECRUITING
Phase	Not Applicable
Sponsor	Aswan University
Enrollment	50 participants

Key Eligibility Criteria

Inclusion (3)

- Women aged 18-45 years undergoing cesarean section
- Diagnosed major obstetric hemorrhage (blood loss ≥ 1000 mL or hemodynamic instability requiring transfusion)
- Written informed consent for participation

Exclusion (4)

- Pre-existing hemolytic conditions (e.g., sickle cell disease, thalassemia)
- Known hypersensitivity to blood products
- Severe baseline coagulopathy (defined as INR > 2.0 or Platelet count $< 50,000/\text{mm}^3$) or established disseminated intravascular coagulation (DIC) prior to randomization
- Refusal to receive blood transfusion

Locations (1 total)

Aswan University Hospital, Aswan, Egypt