

# STANDARD OPERATING PROCEDURE

(Name of the Blood Centre)

Number	Effective Date	Pages	Author	Authorised by
SP 002		2		
Version	Review Period	No. of Copies	Approved by	Date
1	Biennial			

LOCATION	SUBJECT
Donor Room	Donor Screening
FUNCTION	DISTRIBUTION
Physical examination of the donor	- Medical Officer-in-Charge of Donor Area - Master File

## 1. SCOPE AND APPLICATION

To perform a physical examination on the donor for confirming fulfilment of the criteria which ensure safety of the donor as well as the recipient.

## 2. RESPONSIBILITY

It is the responsibility of the Medical Officer to perform the physical examination on the donor.

## 3. REFERENCES

- Introduction to Transfusion Medicine, Zarin Bharucha & Chauhan DM 1<sup>st</sup> edition 1990, Pg. 97-98
- Technical Manual of American Association of Blood Banks, 13<sup>th</sup> edition 1999, Pg. 93-95

## 4. MATERIALS REQUIRED

Weighing scale  
Sphygmomanometer  
Clinical thermometer  
CuSO<sub>4</sub> in Coplin's jar  
Capillaries  
Lancet  
Donor card

## 5. PROCEDURE

### *Medical Examination:*

- General Appearance: Defer a donor who appears ill, under the influence of drugs/alcohol or do not appear to be providing reliable answers to medical history.
- Check and enter donor's weight. The weight should be >50 kg to collect 450 ml and between 45 and 50 kg to collect 350ml blood.
- Check if the blood pressure, pulse and temperature of the donor are within the acceptable limits:
  - Systolic blood pressure not > 160 mm of Hg.
  - Diastolic pressure not > 100 mm of Hg;
  - Pulse regular, between 60 and 100 beats / minute.
  - Oral temperature 37.5 C +/- 0.2C (98.6F =/- 0.5F).
- HAEMOGLOBIN ESTIMATION: Blood donation can be accepted only if the haemoglobin is > 12.5 g/dl. Test for haemoglobin by CuSO<sub>4</sub> specific gravity method (Refer SOP 003).

## 6. DOCUMENTATION

Enter details in the donor card/computer