**Model SOP**

**Standard Operating Procedure**

**Name of the facility / activity : Selection of Blood Bags**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SOP no.** | **Effective Date** | **Pages** | **Prepared by** | **Authorised by** |
| 1.4 | 27-11-2000 | 3 |  |  |
| **Version** | **Review Period** | **Date of Review** | **Reviewed by** | **Number of copies** |
| VI | 2 years | 01-01-2015 |  | 10 |
| **LOCATION** : Blood donation room. | | | | |
| **SUBJECT** : Selection of blood bags. | | | | |
| **Function** : Blood bags selection is crucial for further preparation of blood components  and whole blood collection in suitable blood bags for a particular blood  component. | | | | |
| **DISTRIBUTION**: Medical officer, staff nurse and lab technician  Master file | | | | |

1. **Scope of APPLICATION:**

The blood bags selection is important for collection of blood from blood donor for preparation of suitable blood components. Depending on the blood component to be prepared from the whole blood unit and the weight of the donor the blood bags are selected for blood collection.

1. **RESPONSIBLITY:**

The Phlebotomist responsible for collection of blood is responsible for selection of blood bag before performing phlebotomy.

1. **Procedure**:

Select the bag as per the following chart:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Donor** | | **COMPONENTS** | | **BLOOD BAGS** | |
| **Weight** | **Aspirin Intake** | **Required** |  | **Type** | **Qty. (ml) of**  **Blood** |
| >55 Kg | No | PRBC+FFP+PC |  | Triple or  Quadruple | 450ml |
| >55 Kg | Yes | PRBC+FFP  PRBC+ FFP+CRYO |  | Double / Triple | 450ml |
| 45-55 Kg | No | PRBC+FFP+PC |  | Triple | 350ml |
| 45-55 Kg | Yes | PRBC+FFP  PRBC +FFP+CRYO |  | Double / Triple | 350ml |

PRBC : Packed Red Blood Cells, FFP : Fresh Frozen Plasma, PC : Platelets Concentrates, Cryo : Cryoprecipitate

**Points to remember**

* Check the bag visually
* In case of puncture or discolouration, do not use
* Check the expiry date of the bag
* Use single bag only when;
* Components are not to be separated from that unit.
* When autologous blood is collected for patients e.g. elective surgery.
* Therapeutic phlebotomy is being performed on a patient.

1. **Documentation**

Enter the following details on donor card and register:

Type of bag

Manufacturer's name

Batch No.

Expiry date

1. **References:**
2. Technical Manual, 11th ed., American Associating of Blood Banks, 1993.
3. Technical Manual, 15th ed., American Associating of Blood Banks, 2005.
4. Donor room policies and procedures ........... AABB publication.
5. **END OF THE DOCUMENT**