

## **Instructions for the use of disposable plasma separators**

### **Product Name and Model-**

Name: Disposable plasma separator

Model: 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2411, 2414, 2415, 2416, 2417, 2420, 2421, 2422, 2423

### **Main structure, performance -**

The product consists of a separating cup, a pipeline, a blood sampler and a plasma bag. It is made of medical macromolecule materials, which are processed and assembled by extrusion and injection moulding.

This product mainly uses materials: polycarbonate, polyvinyl chloride, polypropylene, polyethylene terephthalate, acrylonitrile-butadiene-styrene copolymer, polyamide.

### **Product use, scope of application -**

This product is used in conjunction with anticoagulant and centrifugal plasma separator. It is a disposable consumable material for centrifugal plasma separation.

### **Usage method:**

1. Remove the product from aseptic packaging and connect the product with anticoagulant to ensure the connection position according to the requirements of aseptic operation.
2. Install the product on the pulp cutter according to the usage requirement of the pulp cutter to ensure the installation in place.
3. After use, heat and seal according to routine operation. Processing and preservation in accordance with the regulations of the Ministry of Health.
4. Close the sampling tube clamp when taking pulp with the test tube product, open the clamp when sampling, and enter the sampling tube with plasma.
5. The product with a saline puncture device is connected with a saline bag and used.
6. The products with sampling devices are sampled according to the requirements of the sampler.

### **Accident handling-**

The emergency and corrective measures taken by operators and users should be carried out in accordance with the safety operation specifications of single plasma station.

**Taboo -**

This product is used to collect blood components. It must be used with anticoagulant. If the anticoagulant is insufficient, it can not work properly. Do not use non-anticoagulant liquid.

**Notes-**

1. This product is a one-time use of sterile, heat-free products, packaging using sterile packaging, please strictly abide by the operating principles.
2. This product is sterilized by ethylene oxide and has a validity of 3 years. Please use it before termination date.
3. Storage and transportation environment temperature of this product is - 20-55 C, relative humidity is 8-95%.
4. Read the instructions carefully before use to understand the use methods and functions of the products in order to ensure the safety of use.

**Warning -**

1. For single use only.
2. Packing is strictly prohibited if it is damaged.
3. After use, please incinerate or crush the product mechanically.

**Side effects -**

1. Routine blood donation is the same, including vertigo, coma, vomiting, shortness of breath and hematoma at puncture site, and hypovolemic syncope.
2. Anticoagulants containing theatre salts quickly enter the human body, and the chelation of theatre salts with calcium will lead to hypocalcemic reactions in blood donors. Such reactions are usually characterized by "numbness" and occur mostly in perioral areas. If such reactions occur, the whole blood flow velocity may be reduced or the procedure may be suspended.
3. Hypervolemic or hypovolemic reactions may occur if the patient's fluid flow balance is not closely monitored during the separation process.