



Medical

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Red Cells

## Leukotrap<sup>®</sup> SC RC

### Leukocyte Reduction Filtration System for Red Blood Cells with Pall BPF4<sup>™</sup> High Efficiency<sup>1</sup> Filter, 16-Segment Tubing, Storage Bag and Sample Pouch

The Leukotrap SC RC Leukocyte Reduction Filtration System reduces the levels of leukocytes, platelets and microaggregates in a single unit of packed red blood cells or whole blood. Post collection blood should be leukocyte reduced as soon as practicable (preferably within 3 days); however, leukocyte reduction must be performed within 5 days of collection. The set is designed to be used with a sterile connection device which will permit subsequent storage of the blood product with no change to the original outdate.

When filtering red cells produced by apheresis, please refer to apheresis manufacture for additional information.

**STERILE and non-pyrogenic fluid pathway.**  
Sterilized by gamma irradiation.

**Indications:** The Leukotrap SC RC Filtration System is indicated for leukocyte reduction and storage of a single unit of packed red blood cells or whole blood.

**Precautions:** Follow instructions carefully. For single use; do not resterilize or reuse. Do not use if packaging is damaged. Blood product must be transfused in accordance with standards and/or standard practices.

**Notes:** The dimensions and composition of the tubing in the Leukotrap SC RC Filtration System meet the requirements for use with Terumo Sterile Tubing Welders.

This product is free of natural rubber latex.

**Caution:** Federal (USA) law restricts this device to sale by or on the order of a physician.

#### INSTRUCTIONS FOR USE

(Read and follow carefully)

##### Preparation of Filter and Blood Bag

- Slide Filter Inlet Clamp (A) as close to Blood Recovery Vent (B) as possible and close. Confirm that cap on Blood Recovery Vent (B) is tightly closed. Close Outlet Clamp (D). Gently agitate blood bag.
- Then, following sterile connection device manufacturer's instructions, make sterile connection of filter inlet tubing to blood bag tubing.

##### To Filter Blood

- Hang blood bag at a height up to 60 inches (1.52m) above transfer bag. Ensure filter hangs vertically.  
**Note:** The transfer bag should be supported and not hang freely.
- Open Filter Inlet Clamp (A). Priming will occur automatically by gravity, or can be accelerated by applying gentle, even pressure on the blood bag.
- After blood fills back of Air Vent (C), open Filter Outlet Clamp (D) to begin filtration.

##### To Drain Upstream Side of Filter

- After starting filtration, remove cap from Blood Recovery Vent (B). Once the blood bag is empty, the tubing and upstream (unlabeled) side of the filter will drain automatically.  
**Note:** As another option, allow blood bag to empty first, then remove cap from Blood Recovery Vent (B) to drain tubing and upstream (unlabeled) side of filter. To drain the filter faster, you may raise the filter. Simply drape the upstream tubing over the hook the blood bag is hanging from, so that the filter is hanging higher.

##### To Separate Filter from Leukocyte Reduced Red Blood Cells

- Close Outlet Clamp (D).
- Heat seal tubing below Air Vent (C) in usual manner.<sup>2</sup> Discard empty blood bag and filter set.<sup>2</sup>

##### Air Elimination and Sampling Procedure

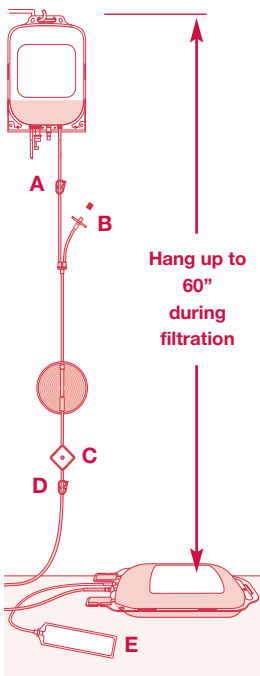
- Gently agitate filtered blood bag to mix well prior to the steps below.  
**Note:** To eliminate air only there is no need to mix. Vigorous mixing creates foam which can hinder air elimination.
- To eliminate residual air, hold filtered blood bag with the ports upright.
- Open break-away closure on sample port.
- Gently squeeze filtered blood bag to eliminate air into Sample Pouch (E).
- To collect sample, continue to squeeze filtered blood bag and allow desired amount of blood to enter Sample Pouch (E).
- Seal tubing close to Sample Pouch (E) and detach.

<sup>1</sup> See product literature for performance summary.

<sup>2</sup> Always observe the following precautions: Sealing should be done in a manner that avoids fluid splatter. Always dispose of blood-contaminated products in a manner consistent with established BIOHAZARD safety procedures.

\* See product literature for performance summary.

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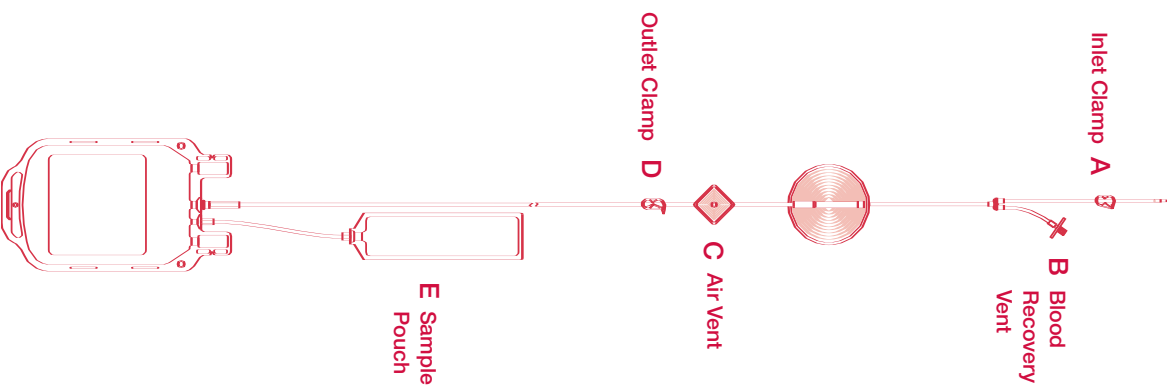


Better Blood, Better Care.<sup>SM</sup>

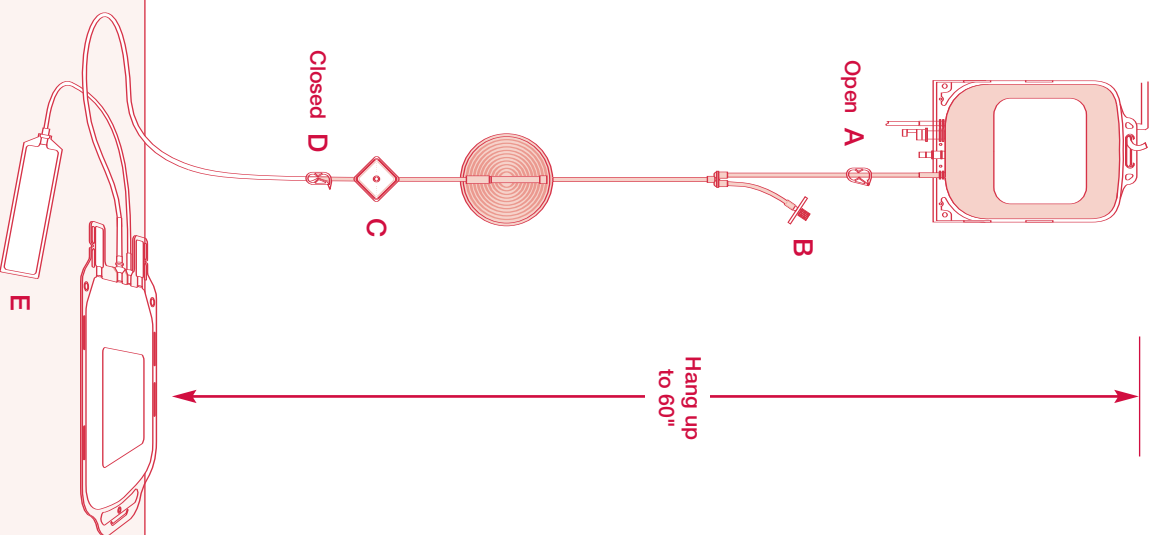
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# Leukotrap® - SC RC Filtration System

## Set Components



## Priming Filter



## Filtering Unit

