

Supplies Required: **Vascular:**

1 liter sterile isotonic solution (i.e. heparinized saline or lactated ringers),
3 sterile basins, 2 luer-lock syringes and sterile scissors

Heart Valves / Patches / Aortolliac:

2 liter sterile isotonic solution (i.e. heparinized saline or lactated ringers),
3 sterile basins and sterile scissors

NON-STERILE FIELD

- 1). Tissue is packaged in a triple barrier system, with the outer pouch being non-sterile.
- 2). At the completion of STEP B, the packaging shall be wiped dry prior to opening.
- 3). Non-sterile Surgical Tech shall peel back outer pouch and present secondary pouch to sterile surgical tech.

**STERILE FIELD**

- 4). Surgical Tech shall then peel back secondary pouch and remove inner pouch.
- 5). The inner pouch is not a peel pouch and requires scissors to open. Cut at square end of inner pouch as shown.



- 6). Pour contents of inner pouch into a sterile basin.
- 7). Prepare two basins: approximately 500ml of isotonic solution for vascular allografts or approximately 1 liter of isotonic solution for cardiac allografts in each basin.
- 8). Remove tissue from cryopreservation solution and place into first basin containing isotonic solution.

9a). **Vascular**

- Attach luer-lock syringe to cannula on tissue and flush solution through tissue for a total of 120cc of flushing.
- Remove tissue and place into second basin containing isotonic solution and flush tissue again for another 120cc of flushing.

9b). **Heart Valves / Patches / Aortolliac**

- Allow heart valve to passively rinse for 5 minutes in basin.
- Remove tissue and place into second basin containing isotonic solution. Tissue should remain in solution until ready for use.

10). Tissue is ready for implant.

- 11). If tissue is delayed for implant for more than 30 minutes, tissue and basin shall be covered and placed on ice bath until ready for use.