

## THAWING OF VASCULAR TISSUE IN FINAL PACKAGING

*Total Thaw Time is Approximately 25 Minutes*

- 1) This procedure applies to the following tissue types:
  - Saphenous vein
  - Femoral vein
  - Femoral artery
- 2) Required Supplies:
  - Water Basin
  - Water source for maintaining temperature at approx. 100°F (38°C)
  - Thermometer to maintain water temperature (if available)

*\*optional – heater/cooler adjusted to maintain water of lactated ringers at approx. 100°F (38°C)*



- 3) After the completion of STEP A, the tissue shall be transferred using the cryogloves to a flat surface and box opened with tissue remaining in box.

- 4) Allow tissue in its packaging to rest at room Temperature for 5 minutes with box open.



- 5) Prepare water basin for the thawing of tissue. A temperature of approx. 100°F (38°C) is optimal, but lower temperatures may be used if this temperature is not available.
- 6) Place tissue in its final packaging into water with orange side of packaging facing up (clear side towards water). Pouch will remain floating on surface of water.



- 7) If obtainable, monitor temperature of water to maintain a temperature of 100°F (38°C) for optimal thaw time. Thaw time should be approximately 25 minutes. Lower water temperatures (70-80°F) may increase thaw times up to 10 minutes.
- 8) Thaw time will be longer when colder temperatures are used in thawing.
- 9) Do NOT use water temperatures >120 °F (49°C) to thaw tissue.
- 10) The complete absence of frozen mass in packaging shall be observed for the thaw process to be completed.
- 11) Tissue in its packaging is now ready to be removed from packaging and prepared for implantation. Refer to STEP C instructions for preparing tissue for implant.