

DLP®

Vessel Cannula

Product Description

These vessel cannulae have soft tips and locking female luers. Several models feature a one-way valve that prevents backflow through the cannula. Some models offer a radiopaque body or band (see Figure 1). Sterile, nonpyrogenic, single use.

Indications for Use

These cannulae are intended for use up to six hours or less in conjunction with cardiopulmonary bypass surgery or in vascular surgery to perfuse a vein graft or to help check for leaks in a harvested vein which will be used for a graft.

Contraindications

This device is not intended for use except as indicated above.

Warnings

Extreme caution is needed when using a vessel cannula to check for leaks in a harvested vein. The vein could rupture under conditions of extreme pressure.

Precautions

Note: Proper surgical procedures and techniques are the responsibility of the medical professional. The described procedure is furnished for information purposes only. Surgeons must evaluate the appropriateness of the procedure based on their own medical training and experience, and the type of surgical procedure being performed.

When infusing cardioplegia solution, use the lowest possible pressures consistent with surgical techniques to minimize hemolysis, or damage to the vessels.

Purge all the air from the vessel cannula before connection.

This device was designed for single patient use only. Do not reuse, reprocess, or resterilize this product. Reuse, reprocessing, or resterilization may compromise the structural integrity of the device and/or create a risk of contamination of the device, which could result in patient injury, illness, or death.

Adverse Effects

This device, as do all extracorporeal blood system devices, has possible side effects which include, but are not limited to, infections, blood loss, thrombus formation, embolic events, and dislocation. Vessel damage and complications at the puncture site may occur if the Instructions for Use are not followed.

Instructions for Use

1. Inspect the package and product for damage and expiration date. If undamaged and unexpired, open the package and transfer the cannula onto the sterile field utilizing an aseptic technique.
2. If using the vessel cannula to check for leaks in a harvested vein, connect the cannula to a syringe filled with sterile saline solution. Tie off one end of the vein and insert the tip of the vessel cannula into the open end of the vein. Tie a piece of suture around the vein and the cannula to keep the cannula in the vein. Gently fill the vein with sterile saline solution and check for any leaks.
3. If using the vessel cannula to perfuse an artery, connect the vessel cannula to the administration set and prime the cannula to purge any air that may be in the cannula. Place the cannula in the artery or proximal end of the vein graft and flow at the lowest possible pressure that will adequately perfuse the artery.
4. At the completion of the procedure, disconnect the cannula and dispose of it according to hospital policy.

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