

Xcela® Power Injectable PICC

Care and Maintenance

SUGGESTED FLUSHING & HEPARINIZATION PROTOCOL

Flush PICC lumens after each use, and follow institutional protocol for changing and replacing needleless connectors. When not in use, flush at least every 12 hours, or according to institutional protocol for non-valved central venous catheters, to maintain patency.

Ensure catheter clamp is open before infusing or aspirating. Aspirate blood from lumen to verify patency.

1. Flush each catheter lumen with 10 mL sterile normal saline using “pulse” or “stop/start” technique. Disconnect syringe. **NOTE:** Flush with 20 mL sterile normal saline after power injection.
2. Flush heparinized saline equal to or greater than priming volume into each catheter lumen.
3. Follow manufacturer’s recommendations for the handling of needleless connectors.



SUGGESTED VENOUS BLOOD SAMPLING PROTOCOL

Ensure catheter clamp is open before infusing or aspirating.

1. Flush the selected lumen with 10 mL sterile normal saline.
2. Using the same syringe, draw 3 to 5 mL of blood. Disconnect and discard syringe.
3. Attach a 10 mL syringe or collection set and aspirate blood sample.
4. Flush lumen with a minimum of 20 mL sterile normal saline using “pulse” or “stop/start” technique.
5. Disconnect and discard syringe.
6. Heparinize lumen with a volume equal to or greater than the priming volume if no additional fluids are immediately scheduled to be delivered.



IMPORTANT CARE GUIDELINES

Always use aseptic technique.

Catheter Care

- Do not use clamps, hemostats or other similar implements to tighten or remove accessories.
- Do not clamp, kink or fold extension tube when attaching an accessory (Figure 1).
- When administering care, inspect visible components for damage.
- At each treatment, verify that external catheter length matches measurement recorded upon insertion.



Figure 1

Site Care

- If alcohol-based solutions are used during site care, allow them to completely dry.
- Assess site for potential infection. If redness, swelling or drainage is observed, notify physician.
- Cover site with occlusive dressing applied per institutional protocol. Keep dressing clean, dry and intact at all times (Figure 2).
- Leave extension tubes, hubs and connectors exposed.
- Do not use scissors to remove dressing or tape.

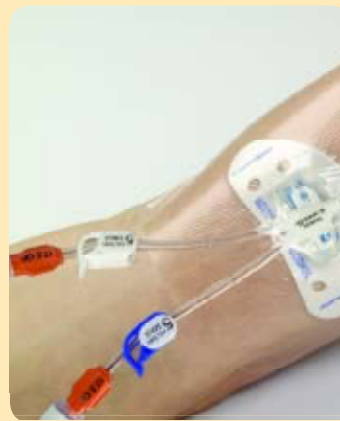


Figure 2

PATIENT EDUCATION

- Complete travel card included in Patient Guide, and have patient carry while catheter is indwelling.
- Protect dressing from exposure to water.
- If dressing becomes wet or loose, have it changed.
- Keep needleless connectors on catheter hub at all times.
- Notify healthcare provider immediately if catheter is damaged.

Technical Support

for this product and other Navilyst Medical Vascular Access Products is available 24 hours a day by calling:

**Vascular Access Products
Reference Line
800.513.6876**



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XCELA POWER INJECTABLE PICCS

INDICATIONS: The Xcela Power Injectable PICC is indicated for short or long-term peripheral access to the central venous system for intravenous therapy, including but not limited to, the administration of fluids, medications and nutrients; the sampling of blood; and for power injection of contrast media.

CONTRAINDICATIONS: Venous thrombosis in any portion of the vein to be catheterized; conditions that impede venous return from the extremity such as paralysis or lymphedema after mastectomy; orthopedic or neurological conditions affecting the extremity; antipain or presence of dialysis grafts or other intraluminal devices; hypercoagulopathy unless considerations are made to place the patient on anticoagulation therapy; pre-existing skin surface or subsurface infection at or near the proposed catheter insertion site; anatomical distortion of the veins from surgery, injury or trauma; anatomical irregularities (structural or vascular) which may compromise catheter insertion or catheter care procedures.

WARNINGS: Do not use the catheter with chemicals that are incompatible with any of its accessories, as catheter damage may occur; failure to warm contrast media to body temperature prior to power injection may result in catheter failure; failure to ensure patency of the catheter prior to power injection studies may result in catheter failure; power injector's pressure limiting (safety cut-off) feature may not prevent over pressurization of occluded catheter; exceeding the maximum allowable flow rate may result in catheter failure and/or catheter tip displacement; catheter indication for power injection of contrast media implies the catheter's ability to withstand this procedure, but does not imply appropriateness of this procedure for a particular patient. A trained clinician is responsible for evaluating the health status of a patient as it pertains to a power injection procedure; the maximum pressure of power injectors used with the power injectable PICC must not exceed 300 psi.

ADVERSE EVENTS: Potential complications include, but are not limited to catheter dislodgement, embolism, fragmentation, migration, or rupture; air embolism; drug or contrast medium extravasation, or precipitate; intolerance reaction to contrast media.

PRECAUTIONS: Acetone and polyethylene glycol-containing ointments should not be used with polyurethane catheters, as these may cause failure of the device; if resistance is met while attempting to flush catheter, follow institutional protocol for occluded catheters; it is recommended that institutional protocols be considered for all aspects of catheter use. Bench testing has demonstrated that the Xcela Power Injectable PICC is capable of withstanding five power injections, which could reasonably occur during a 90-day catheter indwelling period; refer to Directions for Use for complete instructions.

CAUTION: Federal Law (USA) restricts this device to sale by or on the order of a physician.