

Vaxcel[®] Plus Chronic Dialysis Catheter

HEPARIN LOCK PROTOCOL

Follow standard institutional protocol. A commonly used successful protocol includes the following steps:

1. Flush catheter lumens with sterile normal saline using a 10 mL syringe.
2. Using printed priming volumes on the extension tubing adapters as a guide, draw up the required amount of heparin solution (1,000 u/mL) into a 10 mL syringe.
3. Inject the heparin solution to fill each catheter lumen maintaining positive pressure on the syringe until after the catheter is clamped.

NOTE: To prevent systemic heparinization, aspirate at least 3 mL from each catheter lumen prior to use.

MANAGING LUMEN OBSTRUCTION

On occasion, dialysis catheter lumens may become obstructed. If unable to withdraw blood from the catheter, perform the following steps:

- Verify clamps are open.
- Check for kinking. If kinked, notify physician.
- Reposition patient.
- Attach syringe with sterile normal saline and inject. If no resistance is felt, then flush catheter vigorously with sterile normal saline.
- Reverse the bloodlines.

NOTE: If resistance is felt during injection of normal saline, do NOT forcibly flush the catheter. Attach a syringe and attempt to aspirate the clot. If aspiration fails, notify the physician.

CATHETER AND SITE CARE

Follow standard institutional protocols. Commonly used successful protocols include the following steps:

1. Catheter Care:
 - Use only Luer-Lok[®] accessories.
 - Do not over tighten bloodlines, syringes or caps.
 - Inspect all visible components at each dialysis treatment for damage.
 - Clamp using only the extension tubing clamps. Do NOT clamp the shaft of the catheter.
 - Change the position of the extension tubing clamps regularly.
 - Do NOT use acetone on any part of the catheter tubing. Exposure to this agent may cause catheter damage.
2. Site Care:
 - Clean exit site using 70% isopropyl alcohol-based solution or aqueous-based povidone iodine solution.
 - Allow skin to completely dry prior to application of dressings.
 - Cover site with occlusive dressings applied per institutional protocol.
 - Leave extension tubing, clamps, adapters and injection caps exposed.
 - Assess exit site regularly for potential infection. If redness, swelling or drainage is noted at exit site, notify the physician.

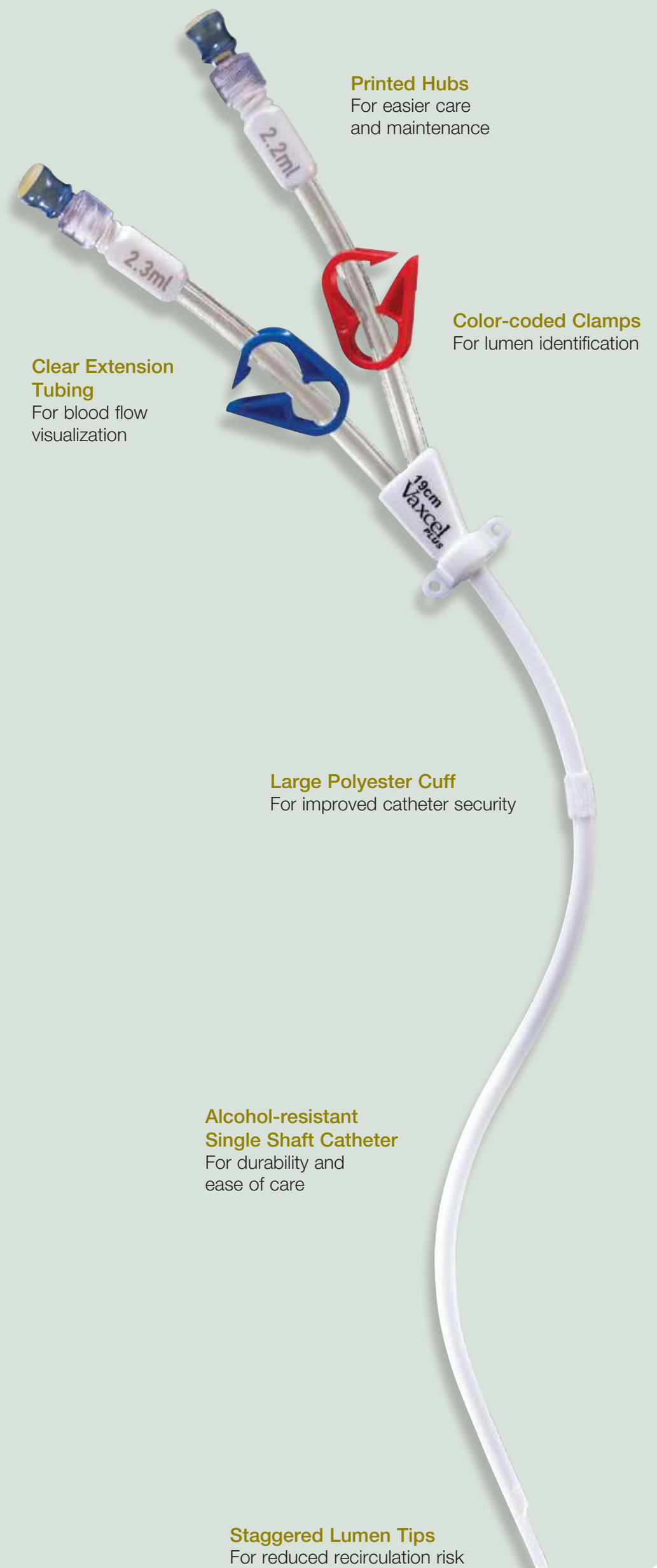
PATIENT TEACHING

1. **Assist the patient to complete the travel card included in the back of the Patient Guide.**
2. Review important patient reminders...
 - Do not swim or shower.
 - Do not soak dressing while bathing.
 - If dressing becomes wet or loose, change it. If you cannot change it or need assistance, then notify healthcare provider immediately.
 - Notify healthcare provider immediately if catheter is damaged.
 - Carry the travel card at all times.

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



Printed Hubs
For easier care
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For lumen identification

**Clear Extension
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For blood flow
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For durability and
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VAXCEL PLUS CHRONIC DIALYSIS CATHETER

INDICATIONS FOR USE: The Vaxcel Plus Chronic Dialysis Catheter is designed for chronic hemodialysis and apheresis.

CONTRAINDICATIONS: The device is contraindicated when: the presence of other device related infection, bacteremia, or septicemia is known or suspected; severe chronic obstructive lung disease exists; past irradiation of prospective insertion site has occurred; previous episodes of venous thrombosis or vascular surgical procedures at the prospective placement site have occurred; local tissue factors will prevent proper device stabilization and/or access.

WARNINGS: Due to the risk of exposure to HIV (Human Immunodeficiency Virus) or other bloodborne pathogens, healthcare workers should routinely use universal blood and body-fluid precautions in the care of all patients. Sterile technique must be strictly adhered to during any handling of the device. To avoid air embolism, keep the catheter clamped at all times when not attached to syringes or blood lines. Do not use acetone on any part of the catheter tubing. Exposure to this agent may cause catheter damage.

PRECAUTIONS: If catheter and components show any sign of damage (crimped, crushed, cut, etc.) do not use. Do not use sharp instruments near the extension tubes or catheter shaft. Do not use scissors to remove the dressing, as this could possibly cut or damage the catheter. Do not suture through any part of the catheter. If sutures are used to secure the catheter, make sure they do not occlude or cut the catheter. Catheter tubing can tear when subjected to excessive force or rough edges. Avoid sharp or acute angles during implantation which could compromise catheter functionality. Excessive force should not be used to flush obstructed lumen. Do not use a smaller syringe than 10 mL. Clamping the extension tubes repeatedly in same spot could weaken the tubing. Change the position of the clamp regularly to prolong the life of the tubing. Avoid clamping near the adapter and hub of the catheter. Do not clamp the shaft of the catheter. Use only the line extension clamps which have been provided with the catheter. Examine tubing for damage at the end of each treatment. It is not recommended to insert the Vaxcel Plus Chronic Dialysis Catheter through a previously stented vessel as the catheter may dislodge the stent causing it to migrate.

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