Pruitt® Irrigation Occlusion Catheter

English — Instructions for Use
Pruitt® Irrigation Occlusion Catheter
(Model Numbers 2102-09, e2102-09)
Instructions for Use - English

STERILE EO

Concept
Balloon tipped catheters have been used to occlude vessels for years. Balloon occlusion can lessen the chance of damage to vessel walls and lining. Often, catheters were not specifically designed for this application. They did not have a second lumen or access to the vessel distal to the point of occlusion nor did they have a stopcock to maintain the inflation level of the balloon. Dr. Pruitt’s idea was to design a line of catheters specifically for arterial occlusion and irrigation.

Description
The Pruitt line of balloon irrigation-occlusion catheters and kits has been specifically designed and dimensioned for use in the outlined general procedures. The Pruitt line of catheters features a second lumen designed to allow access to the vessel distal to the point of occlusion, 2 stopcocks with a luer-lock fitting at the proximal end of the irrigation lumen to facilitate control of such procedures, a balloon thickness designed to reduce the possibility of puncture by calcium deposits, and a stopcock to maintain balloon inflation level throughout the procedure.

Indications
1. To temporarily occlude vessels for the control of bleeding.
2. To access the vessel lumen distal to the point of occlusion.

Applications
1. Occlusion: To temporarily occlude vessels during surgery, position the catheter balloon with the vessel lumen to the point requiring the occlusion. Inflate the balloon with sterile saline for injection to occlude the vessel, taking care not to overinflate the balloon (see recommended inflation capacity chart). Do not inflate the balloon to any greater volume than necessary to obstruct the blood lumen. Close the inflation stopcock to maintain balloon inflation. During positioning, the irrigation lumen should be allowed to aspirate until there is free return of fluid, to reduce the chance of air embolism.
2. Irrigation: Once the catheter is positioned, introduction or withdrawal of materials to areas distal to the point of occlusion may be accomplished through the irrigation lumen. This is facilitated through the luer-lock fitting at the base of the irrigation stopcock.
3. Kits: When supplied in kit form, supplemental information inserts will be provided outlining recommended use.

Contraindications
1. The catheter is not to be used as a dilation catheter.
2. The catheter is not to be used for the introduction of drugs other than saline, heparine, and contrast media.
3. The catheter is a temporary device and cannot be implanted.

Precautions
1. The catheter is recommended for single use only.
2. Inspect the product and package prior to use and do not use the catheter if there is any evidence that the package has been punctured or that the catheter has been damaged.
3. Pretest the catheter before use: a) inflate the balloon to the recommended capacity with air and immerse the balloon in sterile water. If there is any evidence of air escaping around the balloon or if the balloon will not remain inflated, do not use the product. b) Also, check the balloon integrity by inflating and deflating with sterile saline for injection before use. If the balloon does not appear to function normally, do not use the product.
4. Air or gas should not be used to inflate the balloon if there is a possibility of embolization with balloon rupture.
5. Make secure connections between all syringes and hubs to avoid the introduction of air.
6. To avoid damage to the fragile latex, do not grasp the balloon with instruments at any time.
7. Do not inflate the balloon to any greater volume than is necessary to obstruct the blood flow. DO NOT EXCEED the recommended maximum inflation capacity. See chart for specific catheter inflation limits.
8. The irrigation lumen of the catheter should be aspirated until there is a free return of fluid during insertion. This should reduce the chance of air embolism.
9. Caution should be exercised when encountering extremely diseased vessels. Arterial rupture or balloon failure due to sharp calcified plaque, may occur.
10. Deflate the balloon prior to withdrawing the catheter.
11. The possibility of balloon rupture or failure must be taken into account when considering the risk involved in a balloon catherization procedure.
12. Federal law (U.S.A.) restricts this device to sale by or on the order of a physician.
13. This catheter is intended for use in the arterial system. It is not designed for use in cleaning AV grafts.
14. Caution: This Product Contains Natural Rubber Latex Which May Cause Allergic Reactions.

**Storage/Shelf Life**
The shelf life is indicated by the use by date on the package label. Since natural rubber latex is acted on by environmental conditions, proper storage procedures must be practiced to achieve optimum shelf life. The product should be stored in a cool dark area away from fluorescent lights, sunlight and chemical fumes to prevent premature deterioration of the rubber balloon. Proper stock rotation should be practiced.

**Re-sterilization/Repackaging**
This device is single-use only. Do not reuse, reprocess, or re-sterilize. The cleanliness and sterility of the re-processed device cannot be assured. Reuse of the device may lead to cross contamination, infection, or patient death. The performance characteristics of the device may be compromised due to reprocessing or re-sterilization since the device was only designed and tested for single use. The shelf life of the device is based on single use only. If for any reason this device must be returned to LeMaitre Vascular, place it in its original packaging and return it to the address listed on the box.

**References**

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<th>Maximum Gas Capacity</th>
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<tr>
<td></td>
<td>2102-09, e2102-09</td>
<td>4.0 mL</td>
<td>5.0 mL</td>
<td>One Catheter, One Syringe, 5.0 mL</td>
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**Limited Product Warranty; Limitation of Remedies**
LeMaitre Vascular, Inc. warrants that reasonable care has been used in the manufacture of this device. Except as explicitly provided herein, LEMAITRE VASCULAR (AS USED IN THIS SECTION, SUCH TERM INCLUDES LEMAITRE VASCULAR, INC., ITS AFFILIATES, AND THEIR RESPECTIVE EMPLOYEES, OFFICERS, DIRECTORS, MANAGERS, AND AGENTS) MAKES NO EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THIS DEVICE, WHETHER ARISING BY OPERATION OF LAW OR OTHERWISE (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) AND HEREBY DISCLAIMS THE SAME. LeMaitre Vascular makes no representation regarding the suitability for any particular treatment in which this device is used, which determination is the sole responsibility of the purchaser. This limited warranty does not apply to the extent of any abuse or misuse of, or failure to properly store, this device by the purchaser or any third party. The sole remedy for a breach of this limited warranty shall be replacement of, or refund of the purchase price for, this device (at LeMaitre Vascular’s sole option) following the purchaser’s return of the device to LeMaitre Vascular. This warranty shall terminate on the expiration date for this device.

IN NO EVENT SHALL LEMAITRE VASCULAR BE LIABLE FOR ANY DIRECT, INDIRECT, CONSEQUENTIAL, SPECIAL, PUNITIVE, OR EXEMPLARY DAMAGES. IN NO EVENT WILL THE AGGREGATE LIABILITY OF LEMAITRE VASCULAR WITH RESPECT TO THIS DEVICE, HOWEVER ARISING, UNDER ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, TORT, STRICT LIABILITY, OR OTHERWISE, EXCEED ONE THOUSAND DOLLARS (US$1,000), REGARDLESS OF WHETHER LEMAITRE VASCULAR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH LOSS, AND NOTWITHSTANDING THE FAILURE OF THE ESSENTIAL PURPOSE OF ANY REMEDY. THESE LIMITATIONS APPLY TO ANY THIRD-PARTY CLAIMS.

A revision or issue date for these instructions is included on the back page of these Instructions for Use for the user’s information. If twenty-four (24) months has elapsed between this date and product use, the user should contact LeMaitre Vascular to see if additional product information is available.
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<th>Symbol Legend</th>
<th>Distributed By</th>
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<th>Quantity</th>
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