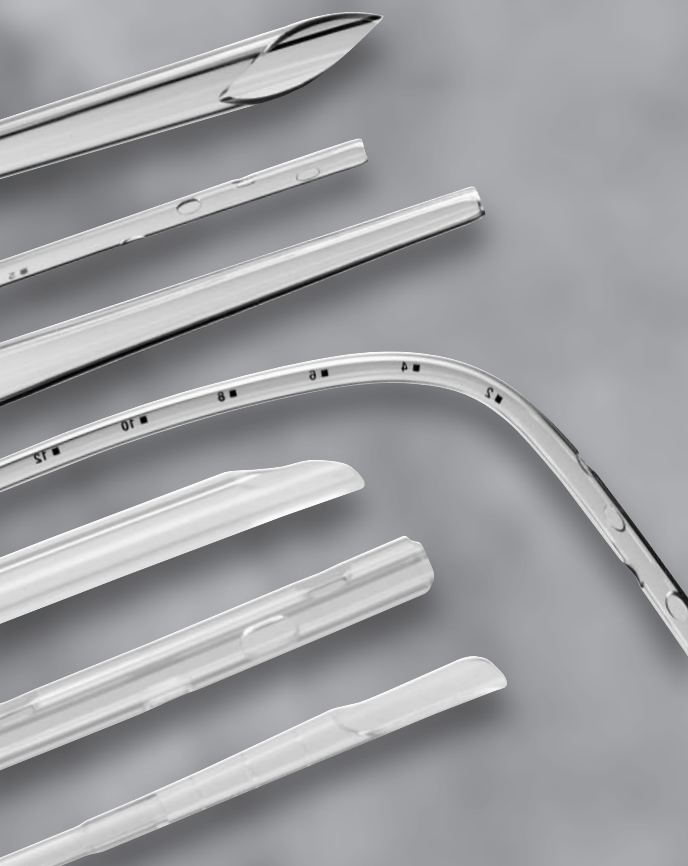
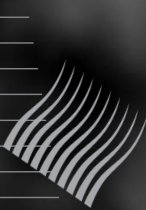


# HydraGlide™ Thoracic Catheters



## Instructions For Use



**ATRIUM**  
[www.atriummed.com](http://www.atriummed.com)

**ATRIUM MEDICAL CORPORATION**  
5 Wentworth Drive  
Hudson, New Hampshire 03051 U.S.A.  
☎ 603-880-1433 📠 603-880-6718



**ATRIUM EUROPE B.V.**  
Rendementsweg 20B  
3641 SL Mijdrecht, The Netherlands  
☎ +31-297-230-420 📠 +31-297-282-653



**ATRIUM AUSTRALIA-PACIFIC RIM PTY. LTD.**  
Level 6, 579 Harris Street  
Ultimo NSW 2007 Australia  
☎ +61-2-8272-3100 📠 +61-2-8272-3199



**Description**

Atrium™ thoracic catheters are sterile, single use, disposable devices. Atrium catheters are constructed of extruded polyvinyl chloride (PVC) or silicone material and are supplied in a variety of diameters, lengths and eyelet configurations. These products contain no Latex or Di-ethyl-hexyl Phthalate (DEHP). High tear strength Silicone catheters are available in round and flat extrusions for thoracic and mediastinal use. PVC catheters are available in straight, right angle, and trocar configurations. Physicians should select the type and size of device that is appropriate for the specific procedure.

**Indications For Use**

Atrium thoracic catheters are intended to facilitate the evacuation of air and/or fluid from the chest cavity or mediastinum.

**Contraindications**

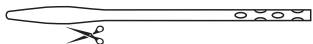
None known.

**Warnings**

1. Caution: Federal (USA) Law restricts this device to sale by or on the order of a physician.
2. Do not use after expiration date.
3. Do not use if the package is open or damaged.
4. For single patient use only. Do not reuse, reprocess or re-sterilize. Reuse, reprocessing or re-sterilization may compromise the structural integrity of the device and/or lead to device failure which, in turn, may result in patient injury, illness or death.
5. Caution: Care should be taken during catheter insertion, fixation and removal to avoid accidental or intentional cutting, suturing to or puncturing of the thoracic catheter as tearing of the catheter may result, causing device failure, patient injury, illness or death.
6. This product contains a permanent, covalently bonded Heparin complex to inhibit clot formation. It is now known that selected patients may be sensitive to Heparin exposure following prior Heparin usage. Patients must be screened for Heparin induced thrombocytopenia (HIT) prior to use of this device. **Do not use this device if any patient is known to be sensitive to Heparin or is suspected of HIT at any time.**

**Precautions**

1. Follow universal precautions when inserting and securing the catheter.
2. Taper tip PVC catheters must be cut at the distal end on the "bubble" of the catheter following insertion to assure a secure proper fit to the chest drainage patient connector.



3. The eyelets of the catheter must remain inside the thoracic cavity at all times during patient use.

**Handling and Operative Techniques**

1. Peel open the package and remove the Atrium thoracic catheter using sterile technique. Atrium HydraGlide™ products include a packaging sheath that must be removed from the catheter prior to patient use.
2. Users should be familiar with thoracic surgical procedures and techniques before using Atrium thoracic catheters. Only qualified healthcare practitioners should insert, manipulate and remove thoracic catheters.
3. The insertion technique, location and catheter size are at the discretion of the physician to optimize drainage efficiency. Care must be taken when inserting the thoracic catheter to avoid puncturing the lung and/or other organs.
4. The thoracic catheter should be secured properly in place to avoid accidental dislodgement or removal.
5. Patient tube connections, insertion site and catheter patency should be checked regularly to confirm proper operation.
6. Care should be taken during catheter removal from the patient to avoid damaging the catheter.

**Radiopaque Markings**

Atrium thoracic catheters have a radiopaque stripe to identify position by an X-ray image.

**Storage**

Store in a cool, dry, climate-controlled environment.

**Disposal**

Disposal of Atrium thoracic catheters should be in accordance with all applicable regulations.

**SYMBOLS USED ON PRODUCT LABELS**

**REF** CODE NUMBER    **LOT** LOT NUMBER    **DIM** DIMENSIONS

**STERILE** **EO** STERILE. STERILIZED BY ETHYLENE OXIDE.

SEE PACKAGE INSERT    SINGLE USE ONLY    EXPIRATION DATE

**Rx Only** PRESCRIPTION ONLY    LATEX FREE

**DEHP FREE** DI-ETHYLHEXYL PHTHALATE FREE

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