

**Rapide™ Multistage
Dilatation Balloon Catheter
For USA**
Instructions for Use

Rx only



IMPORTANT INFORMATION

Caution: Federal law restricts this device to sale by or on the order of a physician. Read all instructions carefully before use. They contain essential information on using this device safely and effectively. Keep these instructions in a safe, accessible location, as you may need to refer to them again. If you have any questions or comments about any information in these instructions, please contact Micro-Tech.

INTENDED USE

The Rapide™ Multistage Dilatation Balloon Catheter is indicated for use in adult and adolescent populations to endoscopically dilate strictures of the esophagus.

CONTRAINDICATIONS

None known.

POTENTIAL COMPLICATIONS

Potential complications associated with esophageal balloon dilatation include, but are not limited to:

- Perforation
- Hemorrhage
- Hematoma
- Infection
- Allergic reaction to contrast agent

WARNINGS

- **The product is intended for single use only! DO NOT re-use, re-sterilize, and/or reprocess.** Re-use, re-sterilization or reprocessing 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. Re-use, re-sterilization or reprocessing may also create a risk of contamination of the device and/or cause patient infectious disease(s). Contamination of the device may lead to injury, illness or death of the patient. Micro-Tech assumes no liability with respect to instruments reused, re-sterilized or reprocessed.
- Do not use this instrument for any purpose other than its intended use.
- The product is only intended for adult and adolescent populations.
- This device is not made with natural rubber latex.
- Patients should be informed of the potential risks and complications, which may lead to injury, illness or death of the patient.
- The instrument is intended for use under the direct supervision of a suitably trained physician only. A thorough understanding of the technical principles, clinical applications, and associated risks is expected before usage.
- Confirm that the endoscopic view is clear before use. Do not insert the instrument into the endoscope unless you have a clear endoscopic field of view. Insertion without clear endoscopic field of view could cause patient injury, such as perforation, hemorrhage or mucous membrane damage. Damage to the endoscope and/or the instrument may also occur.
- If excessive resistance is met during the procedure, confirm the cause of the resistance and take remedial action before proceeding.
- If the balloon bursts during the procedure, stop the procedure immediately and take remedial action.

【 Product Name 】 Rapide™ Multistage Dilatation Balloon Catheter

【 Packaging 】 Packed in Pouch

【 Production Date 】 See packaging

【 Sterilization 】 Sterilized by EO (ethylene oxide) gas

【 Shelf Life 】 2 years

【 Compatible Working Channel 】 ≥ø2.8mm Olympus or ≥ø3.2mm Other

PREPARATION

1. Reference the product label and choose the appropriate device. Refer to the compatible working channel.
2. Contents supplied STERILE.
3. Inspect the package before use for any damage. Do not use if package is damaged. Open the package carefully after verifying the expiration date.
4. Carefully remove the device from its packaging and uncoil it. Do not use excessive force as this may damage the device and affect performance.
5. If this device shows any signs of damage, do not use. Do not attempt to repair a nonfunctional or damaged device.
6. Do not pre-inflate or test the balloon before insertion.
7. Utilising an appropriate 60ml balloon inflation device with pressure monitor, prime the syringe per the manufacturers instruction for use. Inflate the balloon only with sterile water, saline or contrast medium mixture.

INSTRUCTIONS FOR USE

1. Attach the primed inflation device to the catheter hub, apply and hold a vacuum. Remove the protective sleeve from the balloon.
2. Apply a silicone spray to the balloon surface to facilitate passage through the endoscope working channel.
3. Opening or removal of the endoscopes biopsy valve - rubber valve, may help facilitate easier passage of balloons larger than 12mm.
4. Maintain a vacuum to the catheter during introduction into the endoscope.
WARNING: If excessive resistance is met during the procedure, confirm the cause of the resistance and take remedial action before proceeding
5. Slowly advance the balloon catheter into the endoscope using short deliberate movements, under direct endoscopic visualisation.
6. Ensure the proximal balloon catheter is visible in the endoscopic view, prior to inflating the balloon. Once the balloon's position is confirmed, inflate the balloon with the inflation device.
WARNING: Never use Air or Gas to inflate the balloon.

7. The Rapide™ Multistage Dilatation Balloon Catheter is capable of attain 3 distinct sizes, at the associated inflation pressures. Adjust the pressure of the balloon to attain the smallest size, according to the recommended working pressure on the package label. Larger diameters can be achieved with higher inflation pressure based on the pressure/diameter tag label near the hub on the proximal end of the catheter. The balloon may burst if excessive pressure is applied.

WARNING: If the balloon bursts during the procedure, stop the procedure immediately and take remedial action.

Note: If the balloon bursts, do not withdraw the balloon through the endoscope. Carefully remove the burst balloon and endoscope together as a single unit.

8. Carefully observe the balloon pressure during dilatation. Minor adjustments may need to be made to maintain the appropriate pressure. This is normal.
9. To remove the balloon, apply a negative pressure using the inflation device. Under direct endoscopic view, ensure that all liquid is withdrawn from the balloon before slowly removing the catheter from the endoscope.

Note: Ensure all fluid is removed before attempting to remove the balloon. Depending upon the inflation balloon size and chosen medium, this may take between 10-30 seconds.

Note: Resistance can be reduced by straightening the endoscope, where possible, prior to removal of the catheter.

Note: Do not forcefully withdraw the balloon from the endoscope. If significant resistance is encountered, removal of the endoscope along with the compromised balloon may be required in order to prevent damages to the endoscope. Remove the balloon catheter from the endoscope by cutting the proximal end of the balloon.

10. Upon completion of the procedure, dispose of the device(s) as per institutional guidelines for biohazardous medical waste.

STORAGE

The product should be stored in a cool, dry, clean, well-ventilated, non-corrosive gas environment.

Do not expose the package to organic solvent, ionizing radiation or ultraviolet radiation.

PRODUCT DISPOSAL

After use, this product may be a potential biohazard. Handle and dispose of in accordance with hospital, local, federal, state and administrative laws and regulations.

Limited Warranty and Disclaimers :

1. Limited Warranty to Buyer. Micro-tech USA warrants to Buyer that, for the earlier of one (1) year from the date of purchase, or until the product is used by Buyer, the products will be free from defects in materials and workmanship when stored and used in accordance with the instructions for storage and use provided by Micro-Tech and in accordance with applicable regulatory requirements. Descriptions or specifications appearing in Micro-tech USA's literature are meant to generally describe the products and do not constitute any express warranties. In the event that Micro-tech USA gives technical advice with respect to the product, it is agreed that such advice is given without any liability on Micro-tech USA's part. Any guarantee of specific properties of or in the products shall only be effective if and to the extent specifically confirmed by Micro-tech USA in writing. These warranties shall not apply for product failure or deficiency due to improper storage, alteration, or the consequences of uses for which the products were not designed or that adversely affect the products' integrity, reliability, or performance.
2. Disclaimer and Release. **THE WARRANTIES, OBLIGATIONS, AND LIABILITIES OF Micro-tech USA AS SET FORTH HEREIN ARE EXCLUSIVE. BUYER HEREBY WAIVES ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, ARISING BY LAW OR OTHERWISE, WITH RESPECT TO THE PRODUCTS AND ANY OTHER GOODS OR SERVICES DELIVERED BY BUYER, INCLUDING, BUT NOT LIMITED TO: (1) ALL OTHER EXPRESS AND IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND (2) ANY IMPLIED WARRANTY ARISING FROM COURSE OF PERFORMANCE, COURSE OF DEALING, OR USAGE OF TRADE.**
3. Implied Warranties. The purchase of products may be subject to laws in the territories applicable to the sale of the products by Micro-tech USA to Buyer that impose implied warranties, conditions, or obligations that cannot be excluded, restricted, or modified, or can only be excluded, restricted, or modified to a limited extent. The provisions of Paragraphs 2 and 4 shall apply to the greatest extent allowed by such laws.

4. **Limitation of Liability. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, MICRO-TECH USA'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO: (a) THE REPLACEMENT OF THE PRODUCTS OR THE RE-SUPPLY OF EQUIVALENT PRODUCTS; (b) THE REPAIR OF THE PRODUCTS OR PAYMENT OF THE COST OF REPAIRING THE PRODUCTS; or (c) PAYMENT OF THE COST OF REPLACING THE PRODUCTS OR ACQUIRING EQUIVALENT PRODUCTS. MICRO-TECH USA SHALL HAVE NO OBLIGATION OR LIABILITY, WHETHER ARISING IN CONTRACT (INCLUDING WARRANTY), TORT (INCLUDING ACTIVE, PASSIVE, OR IMPUTED NEGLIGENCE, STRICT LIABILITY, OR PRODUCT LIABILITY) OR OTHERWISE, FOR ANY SPECIAL, CONSEQUENTIAL, PUNITIVE, INCIDENTAL, OR INDIRECT DAMAGES, OR FOR LOSS OF USE, LOSS OF REVENUE, LOSS OF BUSINESS, LOST PROFIT, OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH ANY PRODUCT OR OTHER GOODS OR SERVICES FURNISHED BY MICRO-TECH USA, EVEN IF MICRO-TECH USA WAS AWARE OF THE POSSIBILITY OF SUCH DAMAGES OR LOSS.**



**Manufactured By
Micro-Tech (Nanjing) Co., Ltd.**

No.10 Gaoke Third Road, Nanjing National Hi-Tech Industrial
Development Zone, Nanjing 210032 ,Jiangsu Province, PRC

TEL:+ 86 25 58609879, 58646393

FAX:+ 86 25 58744269

Email: info@micro-tech.com.cn

www.micro-tech.com.cn;

**Distributed By
Micro-Tech USA Inc.**

2855 Boardwalk Drive, Ann Arbor, MI 48104 USA

Tel: 734-259-3768

Toll free: 877-552-4027

info@micro-tech-usa.com



Shanghai International Holding Corp. GmbH(Europe)
Eiffestrasse 80, 20537 Hamburg Germany