

Disposable Suction and Irrigation Catheter Manual

Product Manual: Disposable Suction and Irrigation Catheter

I. Product Name Disposable Suction and Irrigation Catheter

II. Main Performance

1. The disposable suction and irrigation catheter must be sterile.
2. The pinch valve should effectively control the fluid within the catheter.
3. Ethylene Oxide (EO) residue after sterilization must not exceed 10 µg/g.


III. Model Specifications BE3330, BF3330, BE3360, BF3360, BE3420, BF3420, BE5330, BF5330, BE5360, BF5360, BE5420, BF5420, BE10330, BF10330, BE10360, BF10360, BE10420, BF10420, BT5340, BT10340.

IV. Product Description The disposable suction and irrigation catheter (hereinafter referred to as the "catheter") in **Types E and F** consists of a protective sleeve, irrigation tube, irrigation button, suction button, valve seat, suction tube, irrigation pipe, pinch valve, connector, and puncture needle. **Type T** consists of a suction tube, outer shell, irrigation button, suction button, safety lock, suction pipe, irrigation pipe, pinch valve, connector, puncture needle, and protective sleeve. The product is provided in a sterile state, sterilized by Ethylene Oxide, and is for single use only.

V. Scope of Application Used for intra-abdominal irrigation and suction (of waste fluids) during laparoscopic surgery to ensure a clear visual field and cavity cleanliness.

VI. Instructions for Use [Method for Type T Catheter]

1. Select the appropriate irrigation tube size based on the suction material (waste fluid, large blood clots, bone fragments, etc.).
2. Open the product's plastic packaging and take out the catheter.
3. Close the pinch valve, connect the connector to a negative pressure suction source, and insert the puncture needle into a saline bag.
4. Insert the irrigation pipe into the patient's abdominal cavity through a trocar.
5. Pull out the red safety lock on the outer shell and release the irrigation and suction buttons.
6. Open the pinch valve until saline fills the entire irrigation pipe; adjust the negative pressure to 30kPa or as required by a professional physician (Note: Maximum negative pressure can be adjusted to 30kPa).

7. **Suction/Irrigation Control:** To perform suction, press the suction button marked with a "V" on the left side; to perform irrigation, press the irrigation button marked with a "  " on the right side.

[Method for Types E and F Catheter]

1. Select the appropriate irrigation tube size based on the suction material.
2. Open the product packaging and take out the catheter.
3. Close the pinch valve, connect the connector to the suction source, and insert the puncture needle into the saline bag.
4. Insert the irrigation pipe through the trocar into the patient's cavity.
5. Open the pinch valve until saline fills the irrigation pipe; adjust negative pressure (Max 30kPa).
6. **Suction/Irrigation Control:** Press the suction button for suction and the irrigation button for irrigation.

VII. Cautions and Warnings

1. Strictly follow aseptic operation standards during use.
2. The product must be operated by a physician trained in surgical techniques.
3. The product is sterilized by Ethylene Oxide. Check the indicator on the packaging: **"Red"** means not sterilized (do not use); **"Blue"** means sterilized and ready for clinical use. Do not re-sterilize.
4. Check the expiration date before use. The sterile shelf life is three years. Use of expired products is strictly prohibited.
5. Do not press both the irrigation and suction buttons at the same time.
6. Do not contact human tissue with excessive force at the tip, and do not use the tip as an anatomical tool for blunt dissection.
7. After use, dispose of the product according to the hospital's regulations for disposable medical supplies.

VIII. Contraindications None.

IX. Storage and Transportation Conditions Store in a well-ventilated room at room temperature, with humidity not exceeding 80%, and free from corrosive gases. Packaged products can be transported using standard tools; handle with care to avoid direct sunlight, collisions, rain, or heavy pressure.

X. Explanation of Label Symbols

- **Circle with a slash through '2':** Do not reuse.
- **Triangle with Exclamation Mark:** Warning.
- **Book Icon with 'i':** Consult instructions for use.
- **STERILE EO:** Sterilized using Ethylene Oxide.
- **Broken Package Icon:** Do not use if packaging is damaged.

XI. Production Date and Expiration Date See the specific labels on the qualification certificate.

XII. Registrant and Manufacturer Information

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