

# Multipurpose Drainage

## Catheter Sets

**Scope:** These instructions cover all Rocket® Multipurpose Drainage Sets, Catheters and derivatives

**Indications For Use:** For external drainage for ascites, nephrostomy, biliary, abdominal cavity abscess drainage or gastrostomy either by one-step puncture or Seldinger techniques. This device should only be used by, or under the supervision of, appropriately trained personnel in conjunction with national clinical practice guidelines such as those published by the Royal College of Radiologists and Royal College of Surgeons.

**Contraindications:** Not to be used where the risks of insertion outweigh the benefits of drainage or where the anatomy cannot be adequately determined by ultrasound or fluoroscopy.

### WARNINGS & PRECAUTIONS:

Possible allergic reactions should be considered.

Manipulation and insertion of these devices requires real-time ultrasound or fluoroscopic control.

Rocket Medical recommends the use of PTFE or hydrophilic coated wire guides for catheter placement.

Indwelling catheters should be reviewed and irrigated every 1-2 days to ensure continuous function.

If a catheter has become displaced or occluded, it must be promptly removed or exchanged.

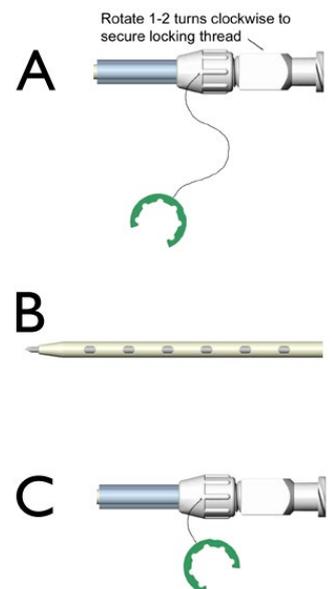
**The insertion set has been coated with silicone and beads may form on the surface during storage.**

### Rocket® SlipCoat™ Coated MPD Catheters:

1. Prior to insertion of SlipCoat™ coated catheters: activate the hydrophilic coating of the coated catheter by soaking the distal 15cm of the catheter in sterile water or normal saline for **>2 mins** before use.
2. For best results keep catheter surface wet during placement.

### Rocket® Locking MPD Catheters:

1. Prior to insertion of Rocket® Locking MPD Catheters, the locking thread (drawstring) **MUST** be released
2. Loosen the hub by rotating 1-2 turns only **(A)**
3. For 6FG, 7FG & 8FG catheter sets, prepare the drain for the trocar set by sliding the stiffening sleeve forward to straighten the pigtail
4. Insert the trocar set or load onto wire guide.
5. **REMOVE THE SPLIT STRAIGHTENING SLEEVE and discard before insertion.**
6. For 10FG, 12FG & 14FG catheter sets, use a gentle rotating action to advance the blunt trocar set through the pigtail until the trocar is seen protruding through the catheter tip. **(B)**
7. Ensure the locking thread has been withdrawn into the hub **(C)**
8. For 10FG, 12FG & 14FG catheter sets, remove the blunt trocar and replace with the sharp trocar if using a one-step puncture technique.



### Rocket® Plain MPD Catheters:

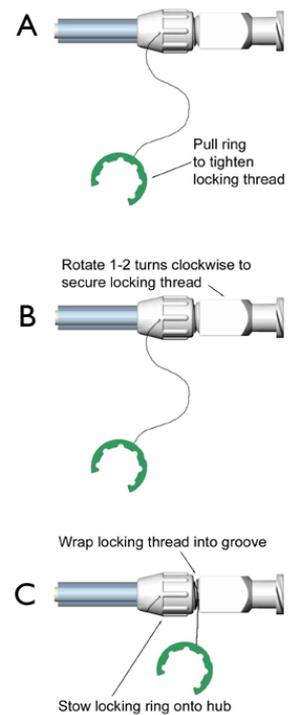
1. For 6FG, 7FG & 8FG catheter sets, prepare the drain for the trocar set by sliding the stiffening sleeve forward to straighten the pigtail
2. Insert the trocar set or load onto wire guide.
3. **REMOVE THE SPLIT STRAIGHTENING SLEEVE and discard before insertion.**
4. For 10FG, 12FG & 14FG catheter sets, use a gentle rotating action to advance the blunt trocar set through the pigtail until the trocar is seen protruding through the catheter tip. **(B)**
5. Remove the blunt trocar and replace with the sharp trocar if using a one-step puncture technique.

### MPD Insertion:

1. Manipulation and insertion of these devices requires ultrasound or fluoroscopic control.
2. Following local clinical practice guidelines, use aseptic technique to prepare the site for insertion.
3. If using a one-step puncture technique, lock the needle set to the hub with a clockwise twisting action.
4. Having chosen the site, it is recommended that a 2-3mm skin nick is used prior to insertion.
5. Advance the drain only until a loss of resistance is felt or aspiration confirms insertion into the cavity.
6. If the drain is to be inserted using a guidewire. Remove the trocar needle, leaving the stiffening tube in place.
7. After insertion of the guidewire and appropriate dilatation of the track, insert the free end of the guidewire through the distal end of the catheter stiffener assembly and advance the drain over the wire into position.
8. Verify the correct position by ultrasound or fluoroscopy.
9. Ensure the catheter is draining freely following insertion.

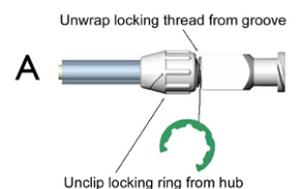
### Rocket® Locking MPD Catheters:

1. To lock the pigtail to reduce the risk of accidental removal: unlock the trocar set (where used) with an anticlockwise rotation and remove.
2. Withdraw the drawstring to lock the pigtail **(A)**.
3. Retighten the hub to lock the drawstring and seal the catheter joint **(B)**.
4. Loop the free drawstring around the hub and secure the retaining ring to the hub to hold the drawstring ends **(C)**.
5. Gently withdraw the catheter until the loop is engaged.
6. Secure the catheter with a suture to the skin. Traction on the suture should be sufficient to ensure adequate retention of the tip, but should not be overly tight, possibly obstructing drainage.
7. Verify the correct position by ultrasound or fluoroscopy.
8. **Affix the MPD Removal Instructions sticker securely in the patients notes. This Instructions for Use sheet should also be included in the patients note for future reference**
9. Connect the drainage bag connection set supplied to the luer fitting on the catheter with a clockwise rotation. Take particular care not to loosen the compression hub on the catheter as leakage may occur.
10. If leakage does occur, remove the drainage bag connection set, retighten the hub and re-attach the connection set.



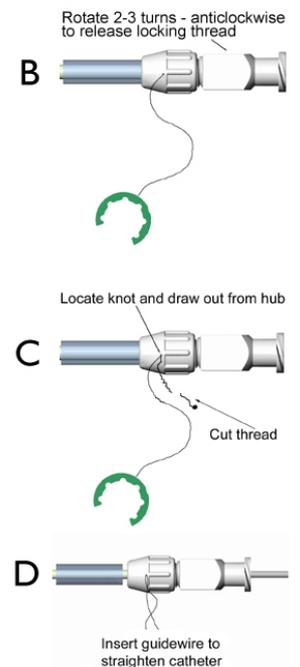
### Rocket® Locking MPD Catheter: Removal or Exchange:

1. Release any securing suture.
2. Release the drawstring retaining ring and unwind the thread **(A)**.
3. Loosen the hub 2-3 turns **(B)**
4. Locate the knotted end of the drawstring at the hub and divide string with scissors **(C)**
5. Hold the retaining ring and withdraw the drawstring from the catheter.
6. If required, under imaging, introduce a stiff guide wire until it protrudes 1-2cm beyond the catheter tip **(D)**.
7. Slowly withdraw the catheter with gentle clockwise and counter clockwise rotations to assist the loop to open and ease withdrawal.
8. If a replacement catheter is required, introduce the new catheter over the guidewire.



### Rocket® Plain MPD Catheter: Removal or Exchange:

1. Release any securing suture.
2. Slowly withdraw the catheter with gentle clockwise and counter clockwise rotations to assist the loop to open and ease withdrawal.
3. If required, under imaging, introduce a stiff guide wire until it protrudes 1-2cm beyond the catheter tip **(D)**.
4. If a replacement catheter is required, introduce the new catheter over the guidewire.



**For Single Use Only:** Do not reuse on another person, reprocess or re-sterilise as doing so may compromise the structural integrity of the device, leading to device failure; potentially the cause of serious harm to patients and users. Reuse, reprocessing or re-sterilisation may also result in serious harm to patients and users from cross contamination and infection with transmissible diseases

#### Disposal:

This device should be handled and disposed of in accordance with local hospital policy and with regard to all applicable regulations, including but without limitation to, those pertaining to human health & safety and care of the environment.



This device is not manufactured with natural rubber latex



Rx ONLY

STERILE EO



**ROCKET MEDICAL PLC**  
Sedling Road, Washington,  
England, NE38 9BZ  
[www.rocketmedical.com](http://www.rocketmedical.com)

EC REP

**Rocket Medical GmbH**  
Am Rosengarten 48,  
15566 Schöneiche.  
Germany

**DO NOT RESTERILISE**

Unless opened or damaged, contents of package are sterile.



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