



# M•Drain<sup>®</sup> Drainage Catheter Family Catalogue



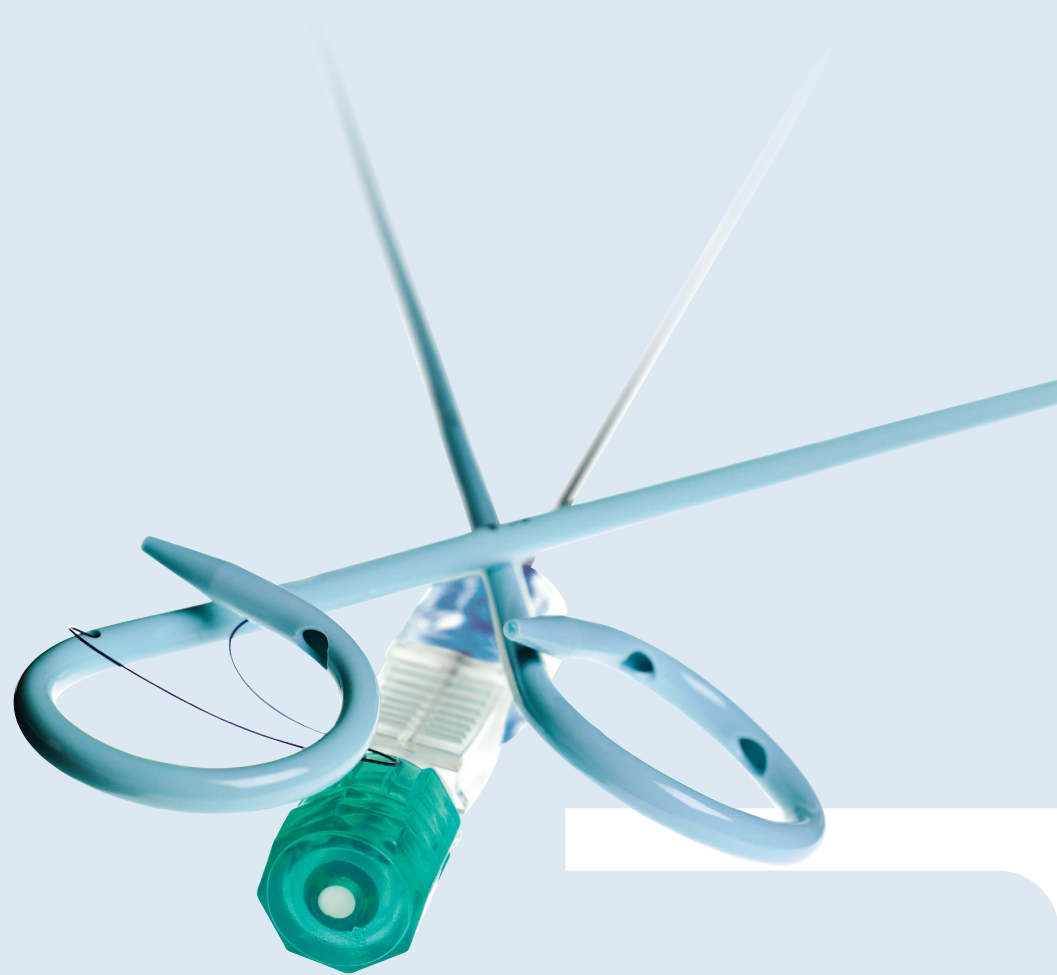
# M•DRAIN® FAMILY

## Family of Drainage Catheters and Accessories

Mermaid Medical offers a wide range of drainage catheters and accessories designed for efficient drainage with safety as our top priority.

Our wide-ranging series of products includes a variety of drainage catheters, guidewires, and other accessories to support individual needs. In addition, a wide range of French sizes and catheter lengths are available to match procedural requirements.

The M-Drain® Series from Mermaid Medical provides physicians and hospitals with safe and functional catheters and accessories for a one-stop-shop experience.



Mermaid Medical Group is a privately owned company established in 2007. With our Nordic roots and headquarters in Denmark, we value cooperation, helpfulness, and openness. We develop, manufacture, and distribute medical devices to hospitals and end users across Europe, the U.S., and Asia. We primarily work within solutions to diseases in the vascular system as well as other devices used in interventional radiology. We strive to be the preferred partner for manufacturers as well as hospitals and healthcare professionals so that together we can help even more patients.

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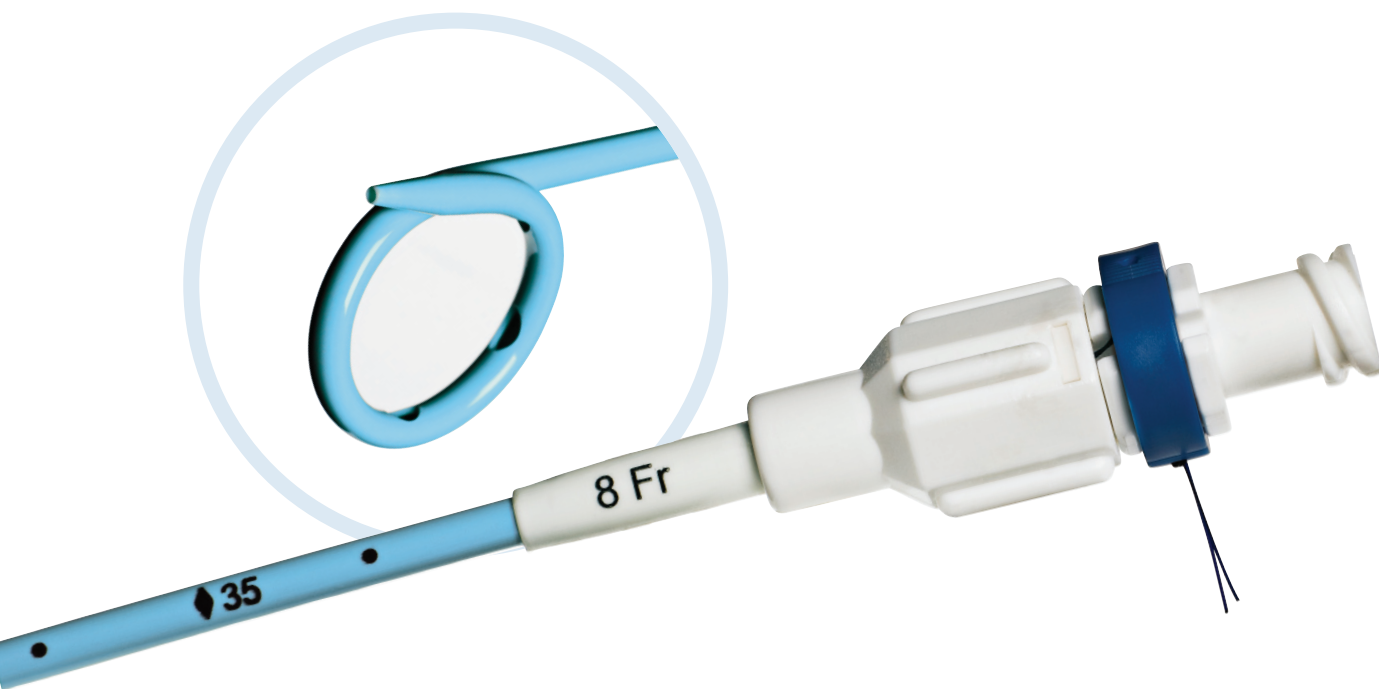
## M-Drain® Multipurpose Drainage Catheters

The M-Drain® series from Mermaid Medical provides physicians and hospitals with safe and functional catheters and accessories for a one-stop-shop experience. The M-Drain® catheter design has been specially developed to enhance patient care while also providing physicians with an improved ease of use.

All M-Drain® catheters are multipurpose and can therefore be used for a variety of drainage applications, including but not limited to abscess, nephrostomy, biliary, and centesis.

Catheter placement is performed using either a Single Step or Seldinger technique.

When using the M-Drain® series, you are guaranteed state-of-the-art catheters and accessories, making purchasing of catheters and accessories a one-stop-shop experience.



All M-Drain® Catheters Incorporate These Enhanced Design Features:

- Large “skived” oval side holes promote increased flow and reduce clogging.
- Slimline reinforced tapered tip with “Anti-Accordion” design for smooth entry.
- Internal diameter of hub and catheter will always match for maximum flow.
- Hydrophilic coating reduces friction, which allows for easy catheter introduction.

### **M-Drain® Single Step Drainage Catheter – Locking and Non-locking**

Features all standard M-Drain® catheter design elements with or without a reliable pigtail locking string.

### **M-Drain® Nephrostomy Drainage Catheter**

Designed for Seldinger technique catheter placement. The catheter comes with a reliable pigtail locking string.

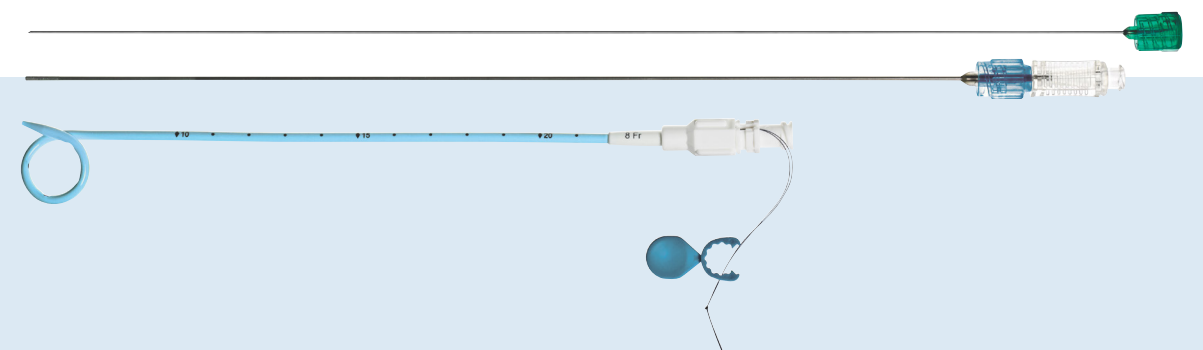
### **M-Drain® Single Step Drainage Catheter – Mini Pigtail**

Ideal drainage catheter for small areas or smaller patients.

Pigtail diameter approximately 10-15% less than the standard single step catheter.

### **M-Drain® Biliary Drainage Catheter – Locking and Non-locking**

A radiopaque marker identifies the location of the nearest drainage hole to aid in catheter placement.





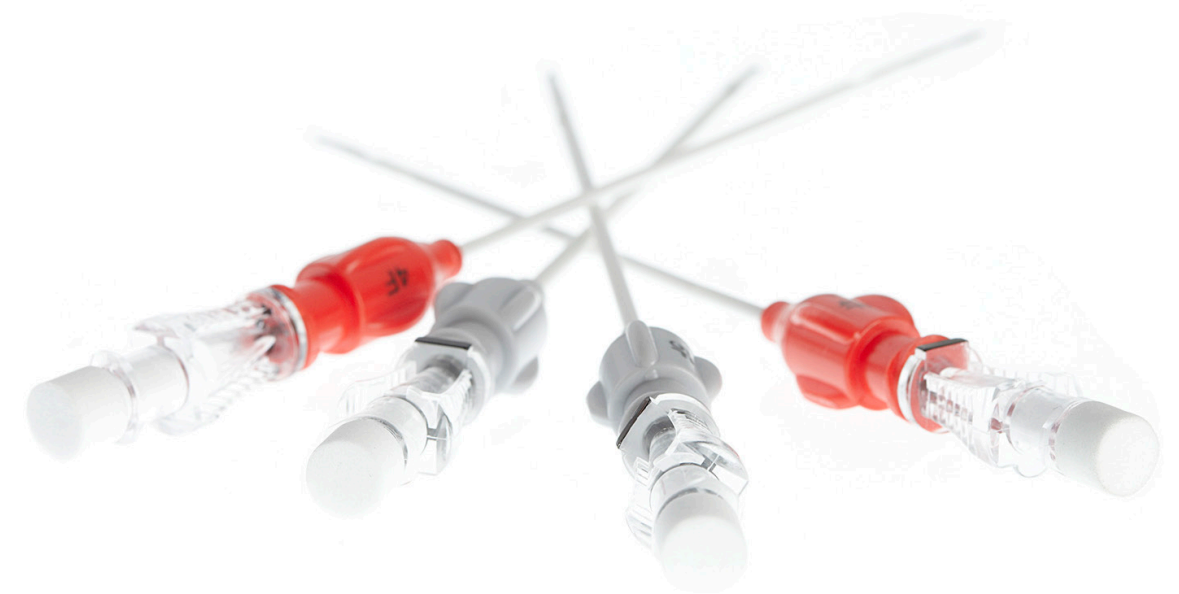
## M-Drain® Centesis Catheter

The M-Drain® Centesis Catheter is an over the needle catheter designed for small abscess fluid aspiration and short-term drainage procedures.

Both the catheter and needle are designed to minimize invasive trauma.

Features:

- Two large oval “skived” holes to aid in maximum drainage flow and reduction of clogging.
- Unique tapering provides smooth transition between needle and catheter for easy and precise placement.
- Coated catheter for easy insertion.
- Porous vent plug allows air to exit catheter during insertion and protects clinicians from fluid leakage.





## M-Drain® Percutaneous Introducer Set

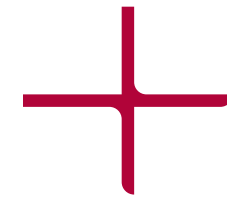
The M-Drain® Percutaneous Introducer Set is used for single puncture percutaneous access for safe and easy guidewire or catheter placement in non-vascular procedures.

The M-Drain® hydrophilic coated coaxial introducer system features a 21G/22G x 15 cm trocar or chiba needle to minimize tissue trauma.

The set includes a 60 cm guidewire in either nitinol or stainless steel with curved goldplated tip for easy visualization.

Features:

- Tapered tip design on coaxial catheter system for smooth, atraumatic placement of guidewires up to 0.038".
- Smooth transition between 4F dilator and 6F sheath eases insertion.
- Embedded x-ray marker enhances visibility.
- Centimeter markings on needle for accurate placement.



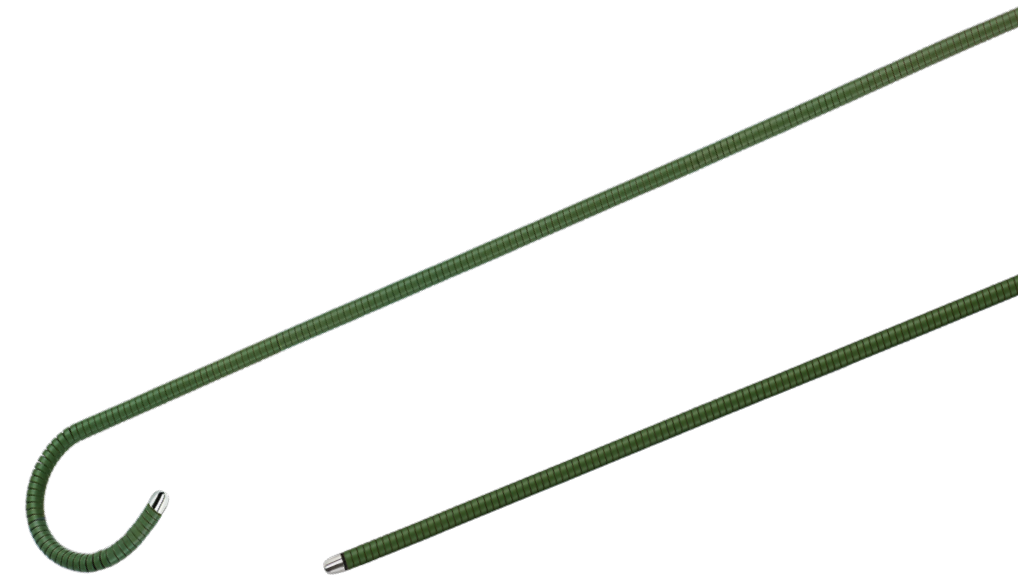
## Guidewires

The Amplatz® Guidewire is manufactured with a coating technique which results in a safe and flexible guidewire. The PTFE coating is applied by using the latest technology and assures a low-friction surface.

The Lunderquist Guidewire is an extremely stiff guidewire used to provide extra support during nonvascular procedures. Flexible tip for access to delicate or difficult areas.

The .018" Access Guidewire is designed specifically for non-vascular procedures. It is available in two versions, stainless steel (stiff) and nitinol (flexible).

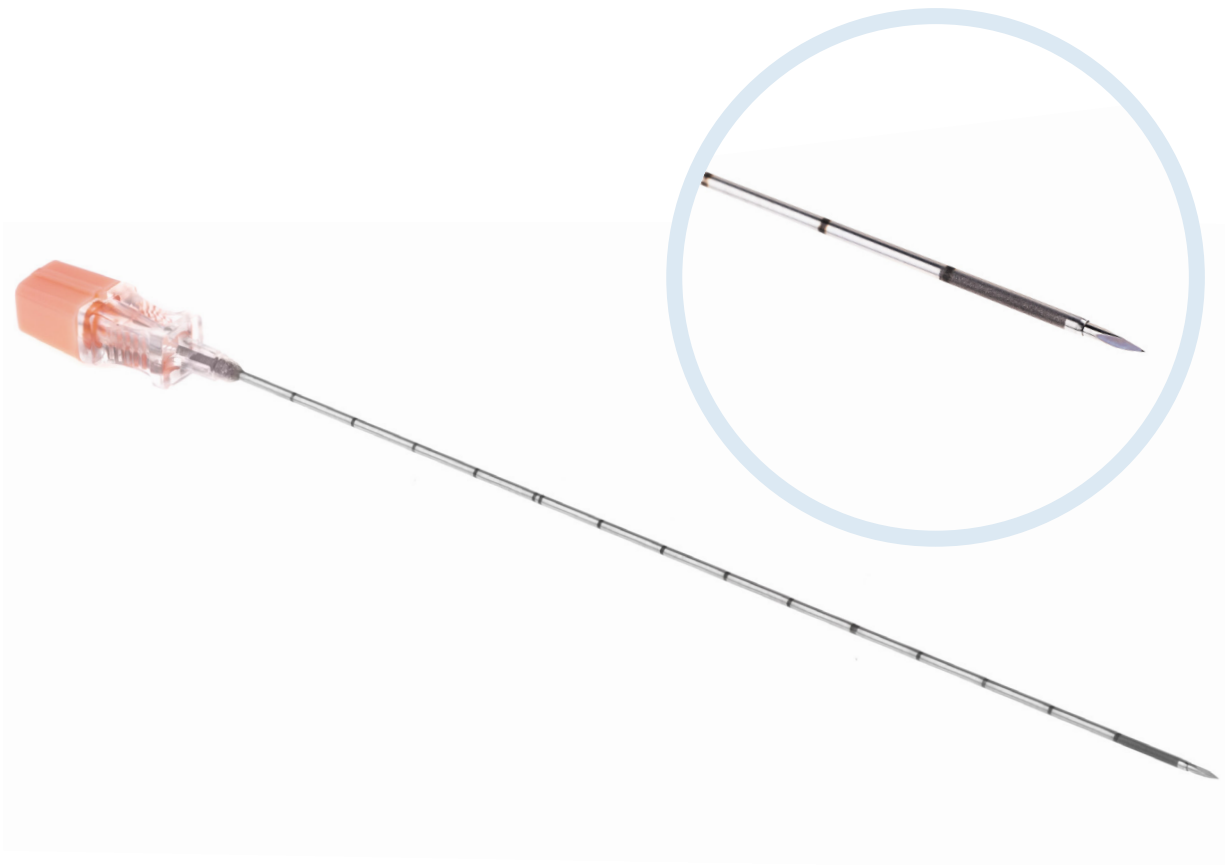
All guidewires are packed in a circular dispenser, allowing for easy flushing of the guidewire.



# M•Drain® Accessories

## Access Needle

- Special tip treatment makes it echogenic for better visualization during placement.
- Transparent luer lock hub allows for visual confirmation of fluid flashback.
- Centimeter markings for accurate depth control.



## M•Drain® Connecting Tubes

- Kink resistant, flexible tubing.
- Soft transparent tube.
- Standard luer lock connections.



## M•Drain® Drainage Bags

- Soft backside reduces skin discomfort.
- Anti-reflux valve prevents retrograde bacterial contamination and minimizes risk of infection.
- Discrete size – invisible beneath clothes.





# Ordering and Specifications

## M-Drain® Single Step Drainage Catheter – Locking and Non-locking

| Ref. no.     | Version     | Specification           | Size        | Qty/box |
|--------------|-------------|-------------------------|-------------|---------|
| D10505015-CE | Single Step | Without locking pigtail | 5F x 15 CM  | 5       |
| D10505020-CE | Single Step | Without locking pigtail | 5F x 20 CM  | 5       |
| D10506015-CE | Single Step | Without locking pigtail | 6F x 15 CM  | 5       |
| D10506020-CE | Single Step | Without locking pigtail | 6F x 20 CM  | 5       |
| D10506025-CE | Single Step | Without locking pigtail | 6F x 25 CM  | 5       |
| D10506030-CE | Single Step | Without locking pigtail | 6F x 30 CM  | 5       |
| D10507020-CE | Single Step | Without locking pigtail | 7F x 20 CM  | 5       |
| D10507025-CE | Single Step | Without locking pigtail | 7F x 25 CM  | 5       |
| D10507030-CE | Single Step | Without locking pigtail | 7F x 30 CM  | 5       |
| D10508020-CE | Single Step | Without locking pigtail | 8F x 20 CM  | 5       |
| D10508025-CE | Single Step | Without locking pigtail | 8F x 25 CM  | 5       |
| D10510020-CE | Single Step | Without locking pigtail | 10F x 20 CM | 5       |
| D10510025-CE | Single Step | Without locking pigtail | 10F x 25 CM | 5       |
| D10510030-CE | Single Step | Without locking pigtail | 10F x 30 CM | 5       |
| D10512025-CE | Single Step | Without locking pigtail | 12F x 25 CM | 5       |
| D10512030-CE | Single Step | Without locking pigtail | 12F x 30 CM | 5       |
| D10514025-CE | Single Step | Without locking pigtail | 14F x 25 CM | 5       |
| D10516025-CE | Single Step | Without locking pigtail | 16F x 25 CM | 5       |
| D11006020-CE | Single Step | With locking pigtail    | 6F x 20 CM  | 5       |
| D11006025-CE | Single Step | With locking pigtail    | 6F x 25 CM  | 5       |
| D11006035-CE | Single Step | With locking pigtail    | 6F x 35 CM  | 5       |
| D11007015-CE | Single Step | With locking pigtail    | 7F x 15 CM  | 5       |
| D11007020-CE | Single Step | With locking pigtail    | 7F x 20 CM  | 5       |
| D11007025-CE | Single Step | With locking pigtail    | 7F x 25 CM  | 5       |
| D11007035-CE | Single Step | With locking pigtail    | 7F x 35 CM  | 5       |
| D11008020-CE | Single Step | With locking pigtail    | 8F x 20 CM  | 5       |
| D11008025-CE | Single Step | With locking pigtail    | 8F x 25 CM  | 5       |
| D11008030-CE | Single Step | With locking pigtail    | 8F x 30 CM  | 5       |
| D11008035-CE | Single Step | With locking pigtail    | 8F x 35 CM  | 5       |
| D11010015-CE | Single Step | With locking pigtail    | 10F x 15 CM | 5       |
| D11010020-CE | Single Step | With locking pigtail    | 10F x 20 CM | 5       |
| D11010025-CE | Single Step | With locking pigtail    | 10F x 25 CM | 5       |
| D11010030-CE | Single Step | With locking pigtail    | 10F x 30 CM | 5       |
| D11010035-CE | Single Step | With locking pigtail    | 10F x 35 CM | 5       |
| D11012025-CE | Single Step | With locking pigtail    | 12F x 25 CM | 5       |
| D11012035-CE | Single Step | With locking pigtail    | 12F x 35 CM | 5       |
| D11014025-CE | Single Step | With locking pigtail    | 14F x 25 CM | 5       |
| D11014035-CE | Single Step | With locking pigtail    | 14F x 35 CM | 5       |
| D11016025-CE | Single Step | With locking pigtail    | 16F x 25 CM | 5       |
| D11016035-CE | Single Step | With locking pigtail    | 16F x 35 CM | 5       |

## M-Drain® Nephrostomy Drainage Catheter

| Ref. no.     | Version     | Specification        | Size        | Qty/box |
|--------------|-------------|----------------------|-------------|---------|
| D12007025-CE | Nephrostomy | With locking pigtail | 7F x 25 CM  | 5       |
| D12007035-CE | Nephrostomy | With locking pigtail | 7F x 35 CM  | 5       |
| D12008025-CE | Nephrostomy | With locking pigtail | 8F x 25 CM  | 5       |
| D12008035-CE | Nephrostomy | With locking pigtail | 8F x 35 CM  | 5       |
| D12010035-CE | Nephrostomy | With locking pigtail | 10F x 35 CM | 5       |
| D12012035-CE | Nephrostomy | With locking pigtail | 12F x 35 CM | 5       |
| D12014035-CE | Nephrostomy | With locking pigtail | 14F x 35 CM | 5       |

## M-Drain® Single Step Drainage Catheter – Mini Pigtail

| Ref. no.     | Version                    | Specification        | Size        | Qty/box |
|--------------|----------------------------|----------------------|-------------|---------|
| D13006015-CE | Single Step - Mini pigtail | With locking pigtail | 6F x 15 CM  | 5       |
| D13006020-CE | Single Step - Mini pigtail | With locking pigtail | 6F x 20 CM  | 5       |
| D13008025-CE | Single Step - Mini pigtail | With locking pigtail | 8F x 25 CM  | 5       |
| D13010025-CE | Single Step - Mini pigtail | With locking pigtail | 10F x 25 CM | 5       |

## M-Drain® Biliary Drainage Catheter – Locking and Non-locking

| Ref. no.     | Version | Specification           | Size        | Qty/box |
|--------------|---------|-------------------------|-------------|---------|
| D14008040-CE | Biliary | With locking pigtail    | 8F x 40 CM  | 5       |
| D14010040-CE | Biliary | With locking pigtail    | 10F x 40 CM | 5       |
| D14012040-CE | Biliary | With locking pigtail    | 12F x 40 CM | 5       |
| D14014040-CE | Biliary | With locking pigtail    | 14F x 40 CM | 5       |
| D14508040-CE | Biliary | Without locking pigtail | 8F x 40 CM  | 5       |
| D14510040-CE | Biliary | Without locking pigtail | 10F x 40 CM | 5       |
| D14512040-CE | Biliary | Without locking pigtail | 12F x 40 CM | 5       |
| D14514040-CE | Biliary | Without locking pigtail | 14F x 40 CM | 5       |

## M-Drain® Centesis Catheter

| Ref. no.     | Version  | Specification       | Size       | Qty/box |
|--------------|----------|---------------------|------------|---------|
| D40104007-CE | Centesis | Catheter and Needle | 4F x 7 CM  | 10      |
| D40104010-CE | Centesis | Catheter and Needle | 4F x 10 CM | 10      |
| D40104015-CE | Centesis | Catheter and Needle | 4F x 15 CM | 10      |
| D40105007-CE | Centesis | Catheter and Needle | 5F x 7 CM  | 10      |
| D40105010-CE | Centesis | Catheter and Needle | 5F x 10 CM | 10      |
| D40105015-CE | Centesis | Catheter and Needle | 5F x 15 CM | 10      |
| D40105020-CE | Centesis | Catheter and Needle | 5F x 20 CM | 10      |



# Ordering and Specifications

## M-Drain® Percutaneous Introducer Set

| Ref. no.     | Specification   | Size       | Qty/box |
|--------------|---|------------|---------|
| DS2010100-CE | 4F Dilator / 6F Sheath x 20 cm Coaxial Introducer<br>.018" stainless steel guidewire with curved goldplated tip (60 cm) Needle,<br>21Ga x 15 cm Trocar, Echogenic | 6F x 20 CM | 10      |
| DS2010200-CE | 4F Dilator / 6F Sheath x 20 cm Coaxial Introducer<br>.018" Nitinol guidewire with curved goldplated tip (60 cm)<br>Needle, 21Ga x 15 cm Trocar, Echogenic         | 6F x 20 CM | 10      |
| DS2010300-CE | 4F Dilator / 6F Sheath x 20 cm Coaxial Introducer<br>.018" stainless steel guidewire with curved goldplated tip (60 cm) Needle,<br>22Ga x 15 cm Chiba, Echogenic  | 6F x 20 CM | 10      |
| DS2010400-CE | 4F Dilator / 6F Sheath x 20 cm Coaxial Introducer<br>.018" Nitinol guidewire with curved goldplated tip (60 cm)<br>Needle, 22Ga x 15 cm Chiba, Echogenic          | 6F x 20 CM | 10      |

## Amplatz® Guidewire

| Ref. no.  | Version              | Specification & Size                   | Qty/box |
|-----------|----------------------|--|---------|
| G61135090 | PTFE (Straight)      | .035"x 90 cm 7.5 cm soft tip           | 10      |
| G61135150 | PTFE (Straight)      | .035"x 150 cm 7.5 cm soft tip          | 10      |
| G61135180 | PTFE (Straight)      | .035"x 180 cm 7.5 cm soft tip          | 10      |
| G61135260 | PTFE (Straight)      | .035"x 260 cm 7.5 cm soft tip          | 10      |
| G61235080 | PTFE (Straight)      | .035"x 80 cm 3.5 cm soft tip           | 10      |
| G61235150 | PTFE (Straight)      | .035"x 150 cm 3.5 cm soft tip          | 10      |
| G61235180 | PTFE (Straight)      | .035"x 180 cm 3.5 cm soft tip          | 10      |
| G61235260 | PTFE (Straight)      | .035"x 260 cm 3.5 cm soft tip          | 10      |
| G61335090 | PTFE (3 mm J Curved) | .035"x 90 cm 7.5 cm soft tip (3 mm J). | 10      |

## Lunderquist Guidewire

| Ref. no.  | Version                         | Specification & Size                                  | Qty/box |
|-----------|---------------------------------|---|---------|
| G90128080 | Stainless steel (Straight)      | .028" diameter, 82.5 cm length with a 7.5 cm coil tip | 10      |
| G90135080 | Stainless steel (Straight)      | .035" diameter, 82.5 cm length with a 7.5 cm coil tip | 10      |
| G90335080 | Stainless steel (3 mm J curved) | .035" diameter, 82.5 cm length with a 7.5 cm coil tip | 10      |

## Access gold plated Guidewire

| Ref. no.  | Version                  | Size & Specification                             | Qty/box |
|-----------|--------------------------|--|---------|
| G70918080 | Stainless steel (Curved) | .018" x 80 cm, 6.5 cm Tungsten tip, flexible tip | 10      |
| G71018080 | Nitinol (Curved)         | .018" x 80 cm, 6.5 cm Tungsten tip, flexible tip | 10      |

## M-Drain® Accessories

| Ref. no. | Version | Specification | Size | Qty/box |
|----------|---------|---------------|------|---------|
| 051810   | Trocar  | 10 CM         | 18G  | 25      |
| 051815   | Trocar  | 15 CM         | 18G  | 25      |
| 051820   | Trocar  | 20 CM         | 18G  | 25      |
| 051825   | Trocar  | 25 CM         | 18G  | 25      |
| 051910   | Trocar  | 10 CM         | 19G  | 25      |
| 051915   | Trocar  | 15 CM         | 19G  | 25      |
| 051920   | Trocar  | 20 CM         | 19G  | 25      |

## M-Drain® Connecting Tubes

| Ref. no. | Version                  | Size & Specification                          | Qty/box |
|----------|--------------------------|---|---------|
| B-806805 | Male/Funnel - sterile    | 15 cm   | 25      |
| B-806806 | Male/Funnel - sterile    | 30 cm   | 25      |
| B-806815 | Male/Funnel - sterile    | 15 cm with 1 way stopcock                     | 25      |
| B-806816 | Male/Funnel - sterile    | 30 cm with 1 way stopcock                     | 25      |
| B-806835 | Male/Funnel - sterile    | 15 cm with 3 ways stopcock                    | 25      |
| B-806836 | Male/Funnel - sterile    | 30 cm with 3 ways stopcock                    | 25      |
| B-806845 | Male/luer lock - sterile | 15 cm with 3 ways mills off stopcock (75 PSI) | 25      |
| B-806846 | Male/luer lock - sterile | 30 cm with 3 ways mills off stopcock (75 PSI) | 25      |

## M-Drain® Drainage Bags

| Ref. no.   | Version          | Specification & Size                       | Qty/box |
|------------|------------------|--|---------|
| A10500350  | Female - sterile | 350 ml - Incl. 5 pcs. anti-slip leg straps | 50      |
| A10500750  | Male - sterile   | 750 ml - Incl. 2 pcs. anti-slip leg straps | 25      |
| A10602000C | Male - sterile   | 2000 ml - Connecting tube 80 cm with Clamp | 50      |







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