



Short[®]
TRACK

ShortTrack[®] - System

Short-Wire portfolio for ERCP



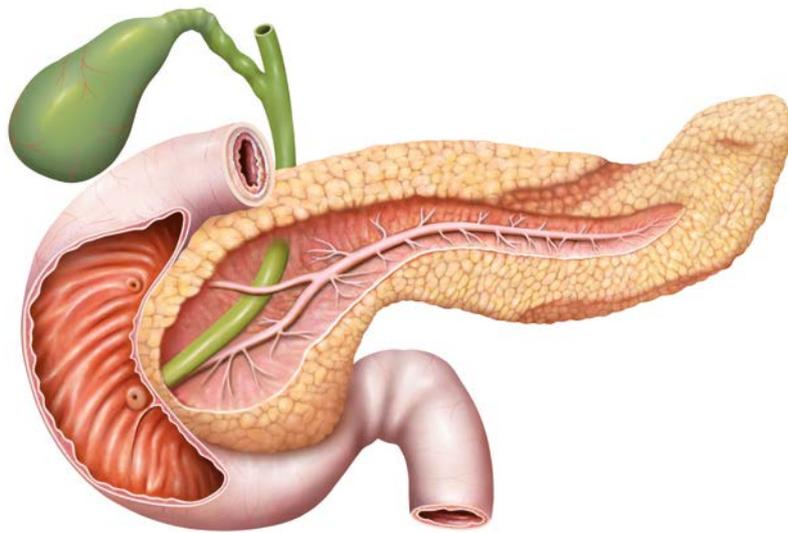
- ✓ Shorter distances, shorter procedures
- ✓ Better wire control through 360° fixation
- ✓ Simplified handling, improved hygiene
- ✓ TTS emergency lithotripsy under visualization

Your Partner in
Gastroenterology

Complete ShortTrack® - System for ERCP

The Medi-Globe **ShortTrack® portfolio** includes short-wire instruments for central applications in the biliopancreatic system:

Cannulation/probing, sphincterotomy, stone extraction and drainage.



ShortTrack® instruments are

- specially developed for short-wire
- combinable
- flexibly usable compatible with long-wire procedures

Advantages at every level

- ✓ Patients
- ✓ Resources
- ✓ Time

Short[®]
TRACK

- ✓ Handling
- ✓ Safety
- ✓ Hygiene



Guide Wire Fixation

5

Locking Device for secure guide wire fixation

Ordering information

| | |
|----------------------|----|
| Locking Device | 18 |
|----------------------|----|



Cannulation / Probing

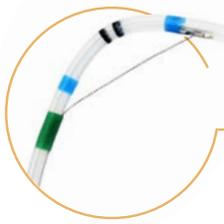
6-7

Guide Wires and ERCP Catheters for transpapillary initial cannulation with contrast medium administration for radiological imaging of bile ducts.

Ordering information

| | |
|---------------------|----|
| ERCP Catheter | 18 |
| Guide Wire | 18 |

...



Endoscopic Sphincterotomy

8-9

Sphincterotomes for targeted expansion of the transpapillary passage through electro-surgical incision.

Ordering information

| | |
|-------------------------------|----|
| RotaCut® Sphincterotome | 19 |
|-------------------------------|----|

...



Stone Extraction

10-13

Stone Extraction Baskets and Balloons for removing stones and concretions from the bile duct.

Ordering information

| | |
|---------------------------------------|----|
| Stone Extraction Balloon | 20 |
| Stone Extraction Basket | 20 |
| Lithotripsy Spirals | 21 |
| StoneBuster® Lithotripsy Handle | 21 |



Biliary and Pancreatic Drainage

14-17

Plastic Stents and Stent Placement Sets for transpapillary drainage of bile and pancreatic ducts.

Ordering information

| | |
|--|-------|
| Stent Placement Set with preloaded biliary stent | 22-23 |
| Biliary Stent placement set, not preloaded | 24 |
| Pusher for placement of biliary and pancreatic stents..... | 24 |

Advantages of the ShortTrack® concept



Shorter distances, shorter procedures

- **Faster instrument exchange** thanks to reduced guide wire length compared to long wire systems¹
- **Study-proven reduction** of fluoroscopy time² and anaesthesia duration²
- **Trend toward shorter procedure times**^{1,2}
- **Reduced radiation exposure** for patients and personnel
- **Freeing up of organizational resources** in endoscopy



Better wire control through 360° fixation

- **Easier instrument exchange** thanks to fixed guide wire²
- **Simplified work** for users and assistants at all experience levels
- **Protection of the papilla** through controlled instrument guidance²
- **Fewer complications** through precise placement of instruments and shorter procedure times²



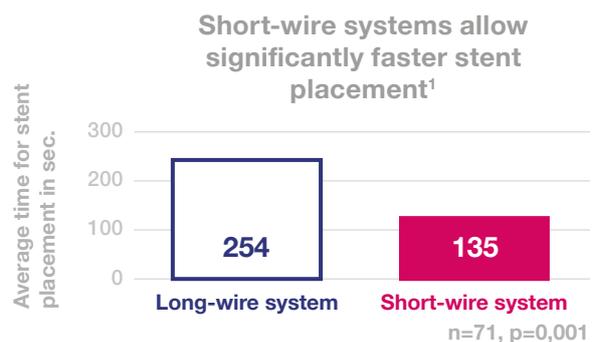
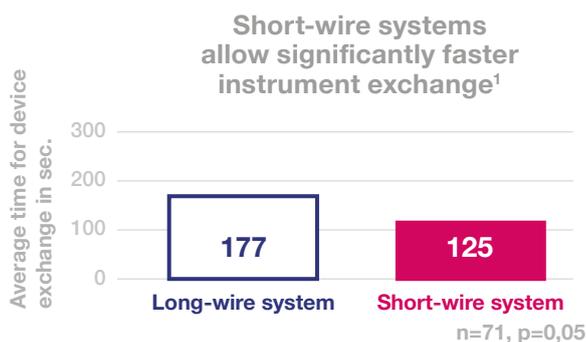
Simplified handling, improved hygiene

- **Better overview** for assistance³
- **Simplified handling during intervention** due to ergonomic product design
- **Reduced risk of wire contact** with non-sterile surfaces³
- **Support for hygienic procedures** thanks to coordinated product design
- **Prevention of fluid leakage** thanks to locking device



TTS emergency lithotripsy under visualization

- **No endoscope removal** because emergency lithotripsy through-the-scope (TTS) is possible
- **Continuous endoscopic visualization** during emergency lithotripsy



⁽¹⁾ Draganov et al. Dig Dis Sci. 2010 Feb;55(2):510-5.; ⁽²⁾ Reddy et al. World J Gastroenterol. 2009 Jan 7;15(1):55-60.; ⁽³⁾ Kishta et al. Endo-Praxis 2022; 38: 33-36

Guide Wire Fixation

Locking Device

For duodenoscopes made by PENTAX, OLYMPUS and FUJIFILM

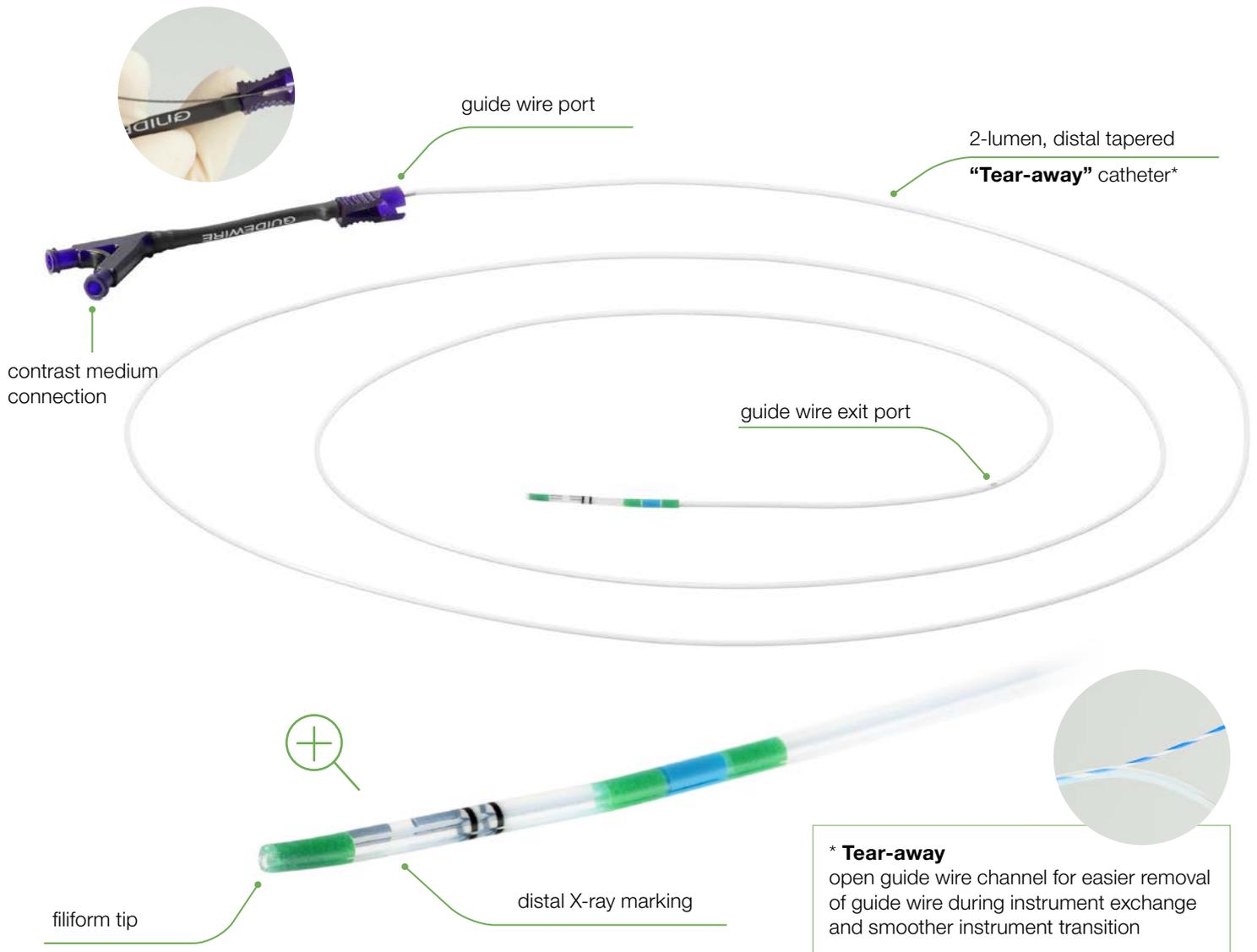
- ✓ **Fast mounting**
directly onto the working channel
- ✓ **Immediate use**
thanks to pre-perforated seal
- ✓ **Fast, secure fixation**
of up to 2 wires
- ✓ **Clear overview**
even with two guide wires, with the right and left fixation
- ✓ **Room to perform**
flexible wire positioning through 360°



- ✓ **Minimal air and bile leakage**
thanks to high-quality silicone valve
- ✓ **Gentle handling of the guide wire**
during multiple repositioning thanks to silicone rail

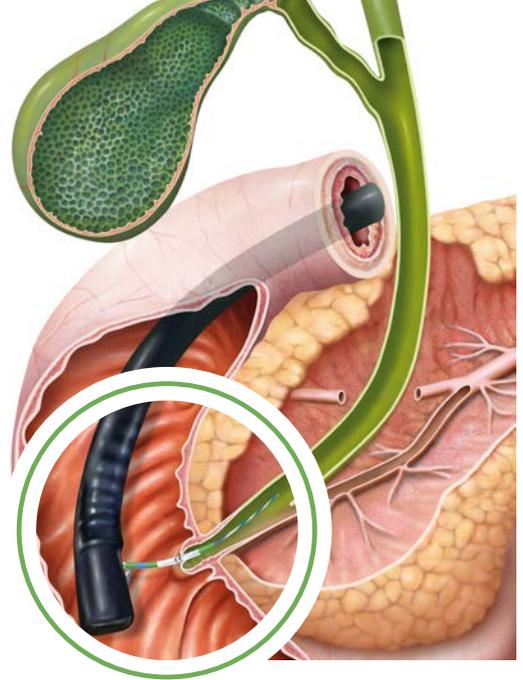
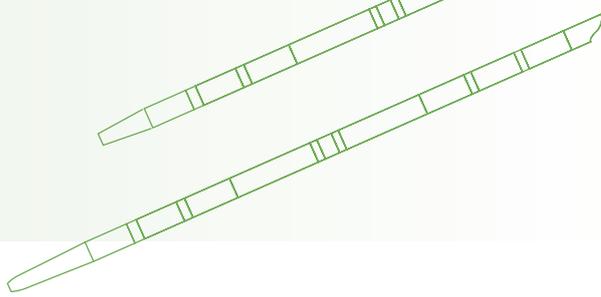
ERCP Catheter

Precision and flexibility during initial transpapillary cannulation



- ✓ **Easy insertion of the guide wire**
proximally through the guide wire port
- ✓ **Precise positioning**
through distal radiopaque markings
- ✓ **Fast guide wire removal**
with tear-away technology

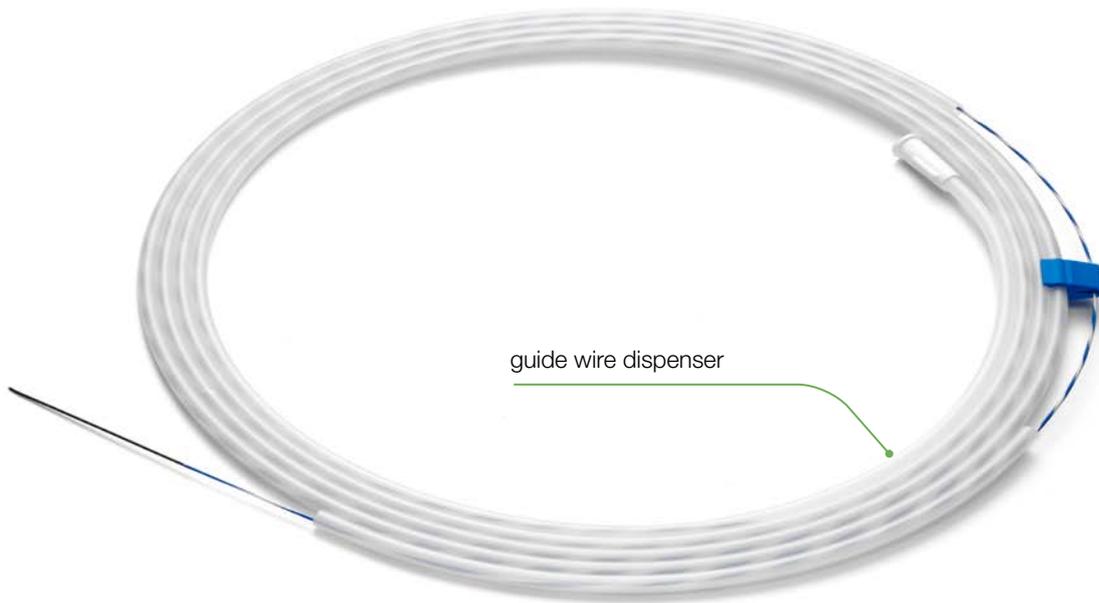
- ✓ **Targeted cannulation**
through radiopaque catheter tip
- ✓ **Contrast medium administration**
with guide wire in place



Guide Wire

For safe navigation in the bile and pancreatic ducts

- ✓ **Premium stability**
thanks to Nitinol construction
- ✓ **Great sliding properties**
thanks to hydrophilic coating



- ✓ **Atraumatic guidance**
due to flexible hydrophilic tip

- ✓ **Good visibility**
through radiological detectable atraumatic tip

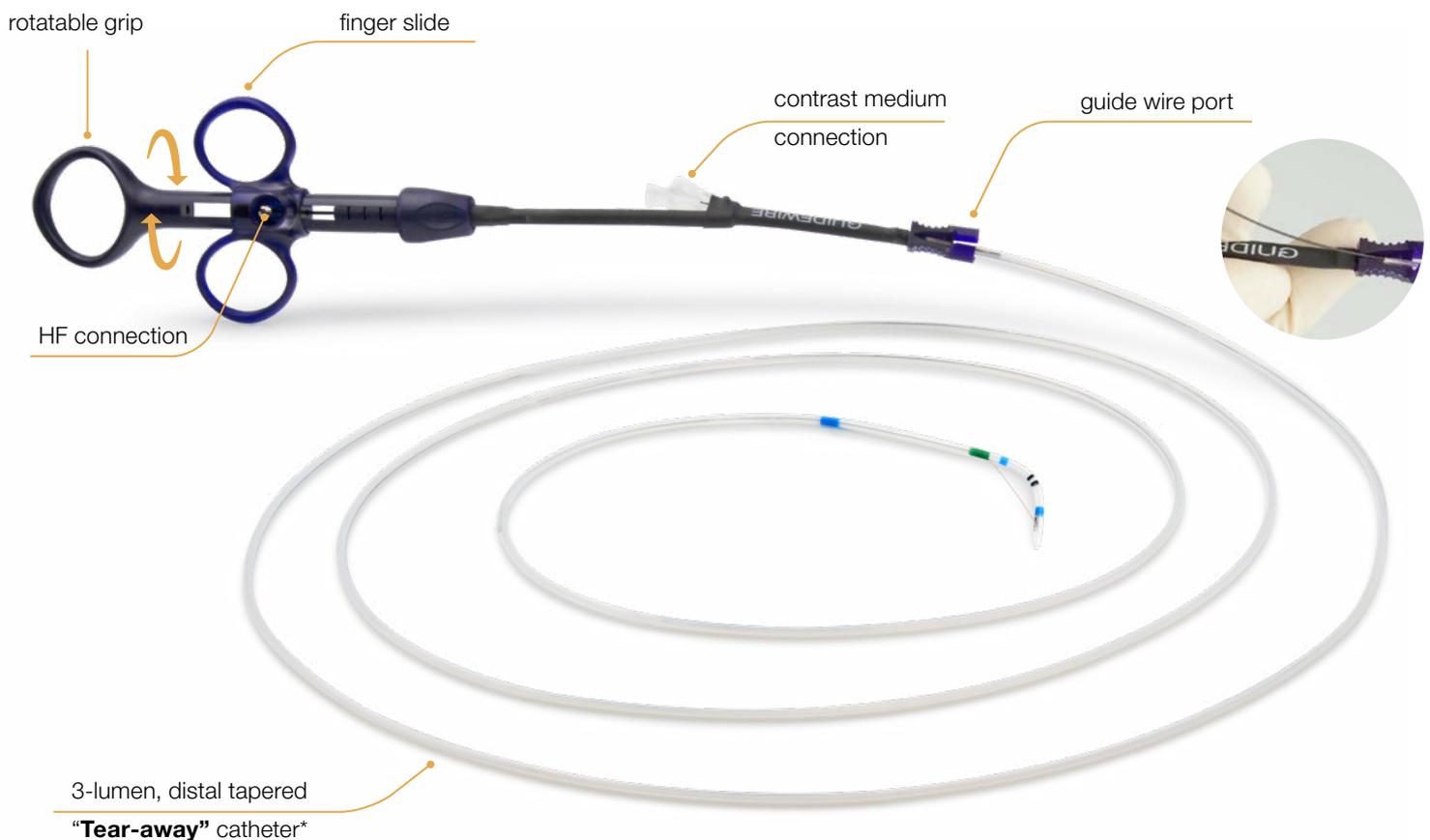
highly flexible distal tip with hydrophilic coating

Teflon-coated Nitinol wire

Endoscopic Sphincterotomy

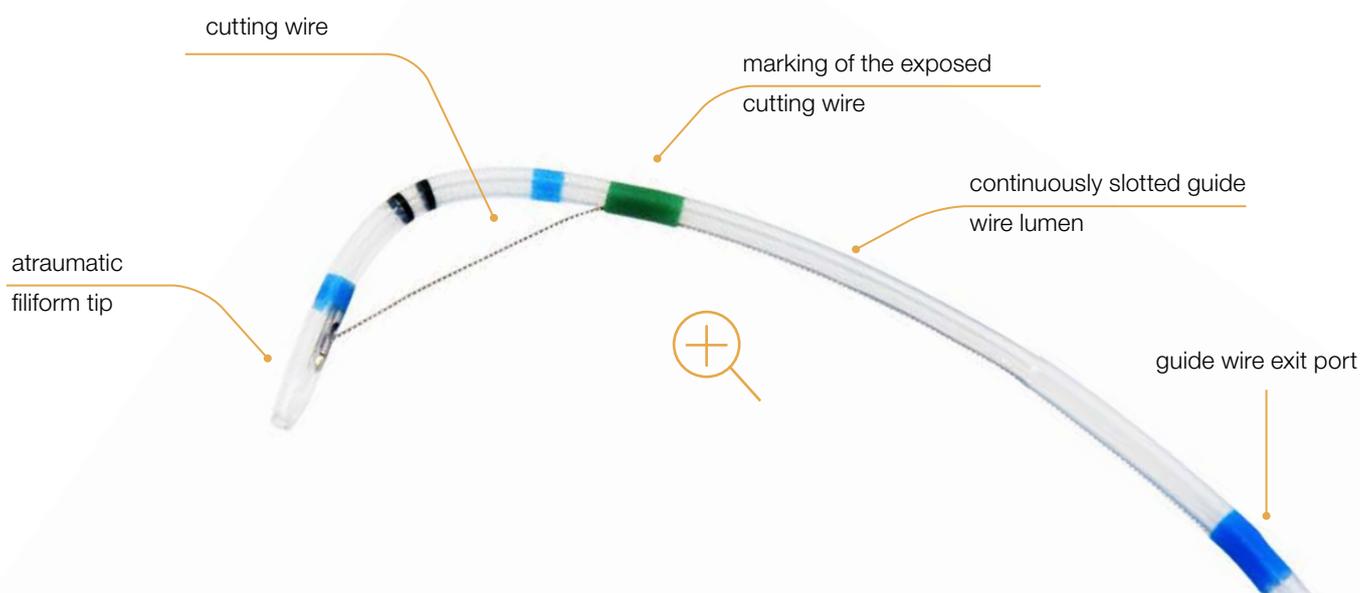
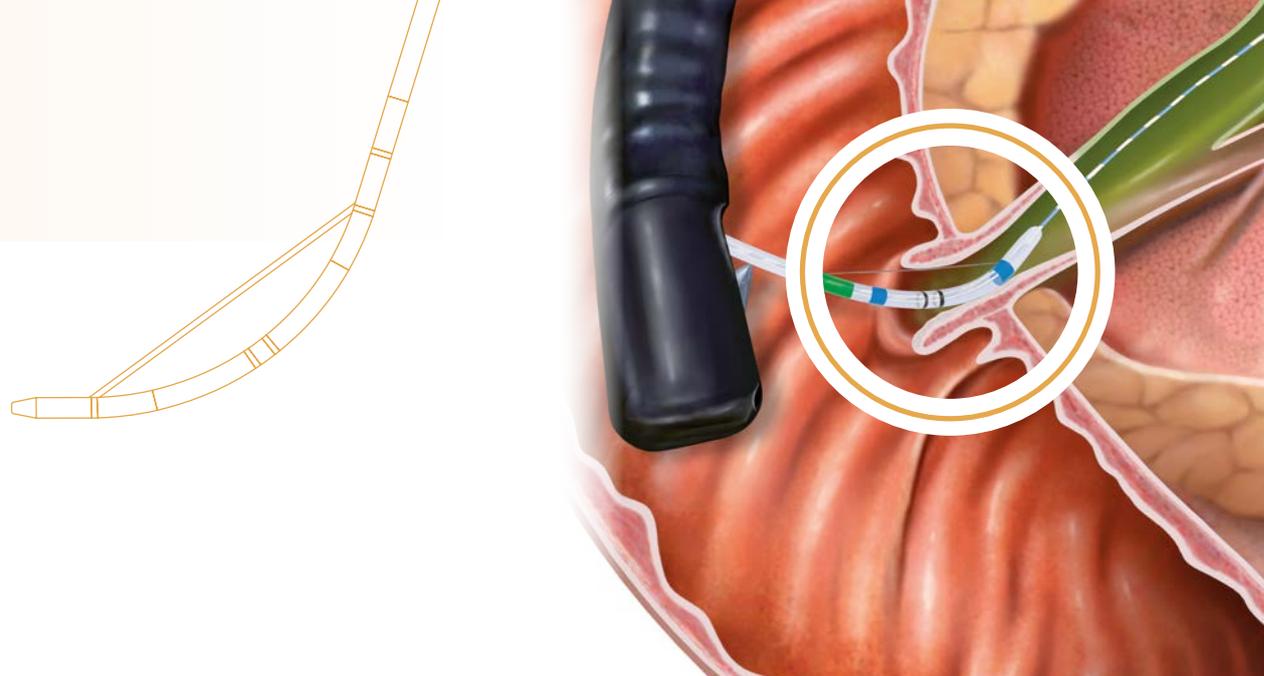
RotaCut® Sphincterotome

Comfort and control for targeted expansion of the transpapillary passage

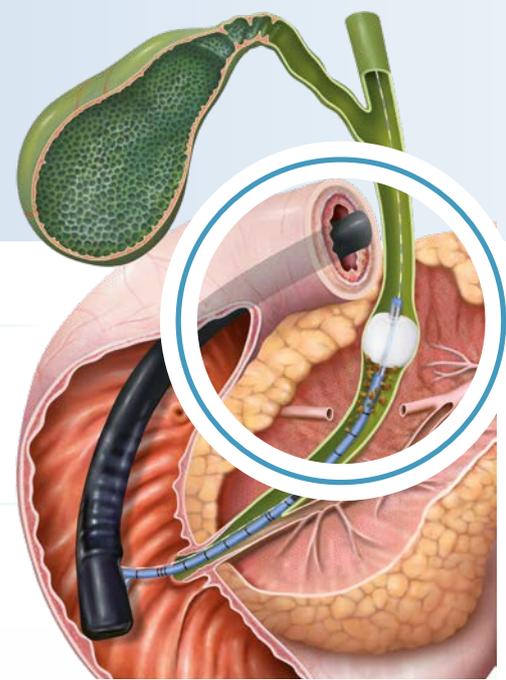


* **Tear-away**
open guide wire channel for easier removal of guide wire during instrument replacement and smoother instrument transition

- ✓ **Simple insertion of the guide wire** proximally through the guide wire port
- ✓ **Fast guide wire removal** with tear-away technology
- ✓ **Smooth, controlled handling** with the RotaCut® ergonomic handle

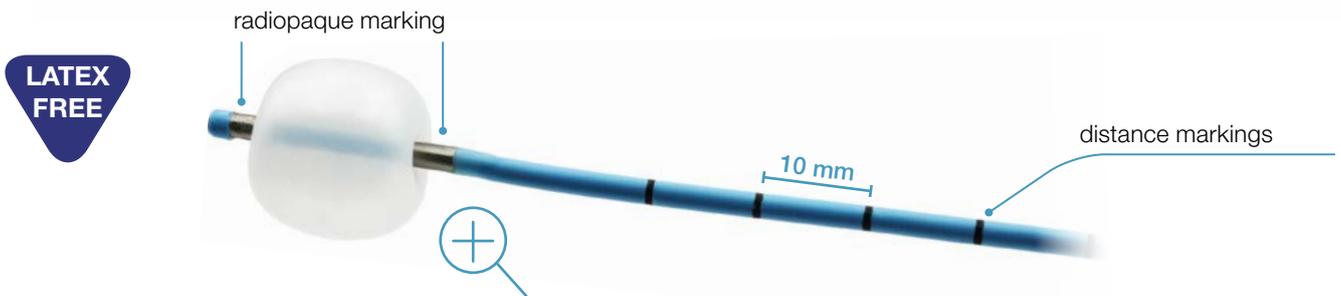
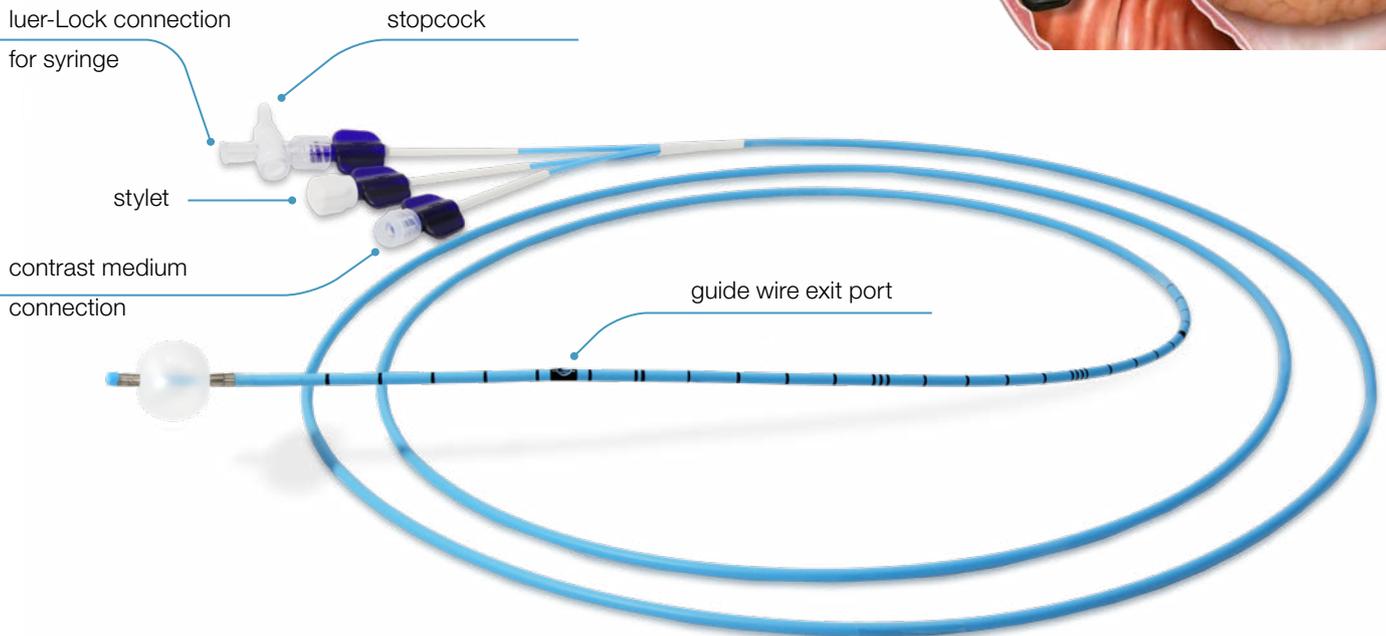


- ✓ **Precise positioning**
through radiopaque markers
- ✓ **Targeted repositioning of the cutting wire**
possible through rotatable handle
- ✓ **Precise cutting direction**
through predetermined tip shape
- ✓ **Contrast medium administration**
with guide wire in place



Stone Extraction Balloon

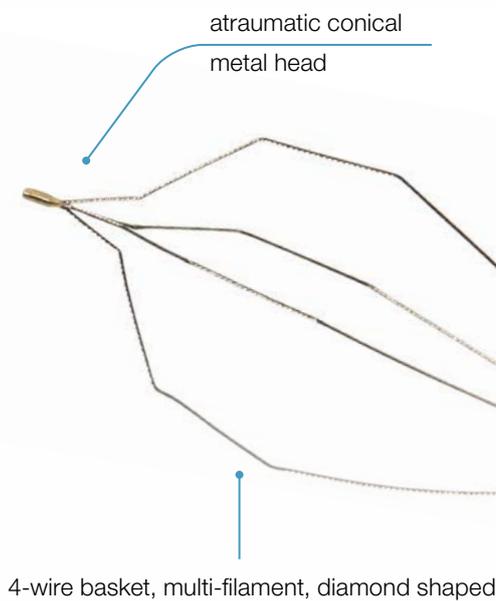
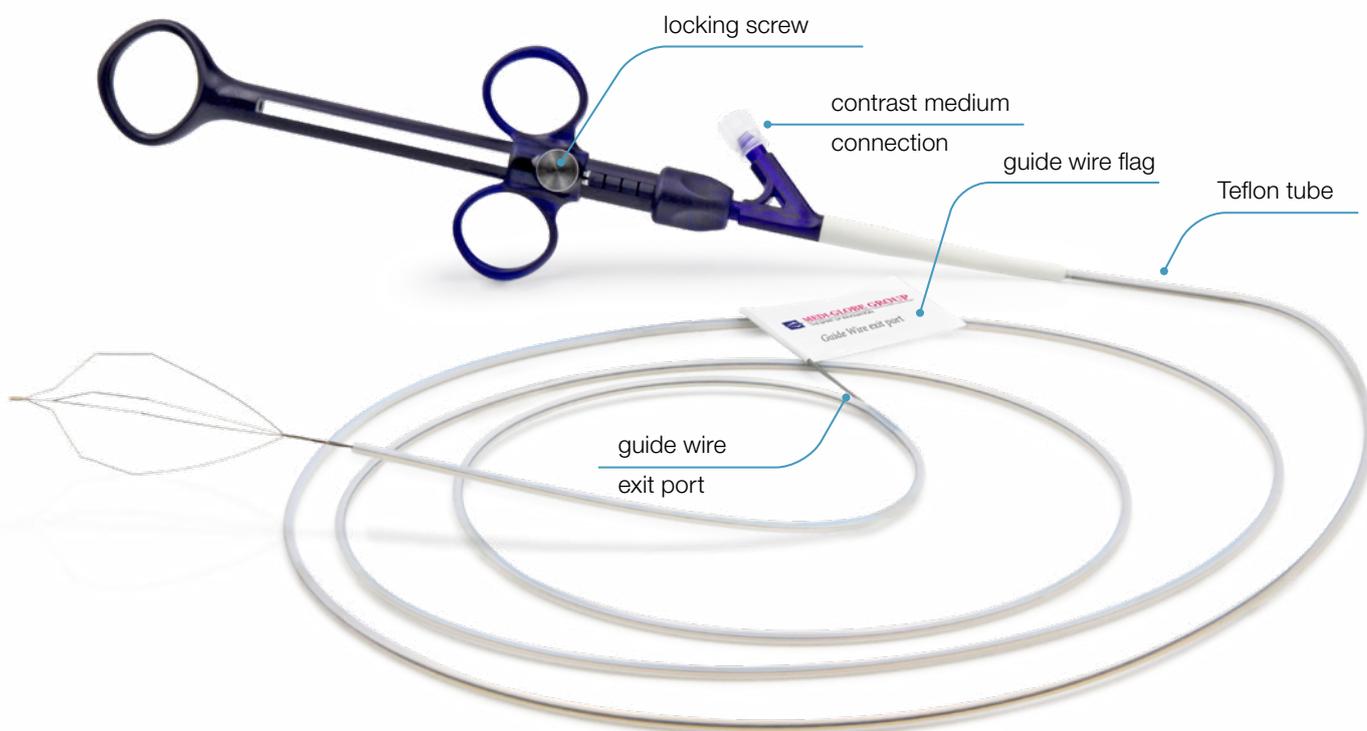
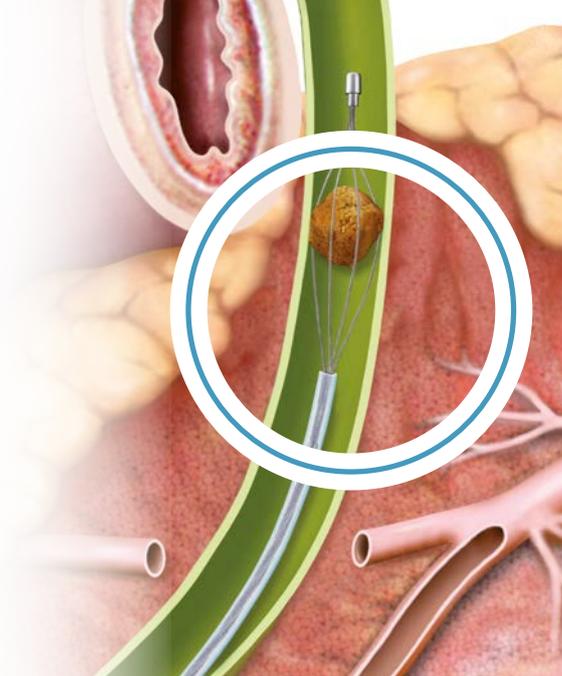
Gradual inflation and controlled extraction



- ✔ **Safe insertion**
with guide wire in place
- ✔ **Controlled papillary passage**
through distal tube graduation and X-ray markings
- ✔ **Precise positioning in the bile duct**
with X-ray visible markings before and after the balloon
- ✔ **Exact orientation**
using 10 mm markings
- ✔ **Precise dilation**
thanks to multi-stage balloon system

Stone Extraction Basket

Extraction of stones and concretions



- ✓ **From stone extraction to emergency lithotripsy possible through the scope (TTS)**
- ✓ **Easier guide wire exit thanks to integrated flag**

Removable Handle, including Teflon tube in emergencies Lithotripsy through duodenoscope and spiral with full visual control

Illustration shows a hand grip solution for Pentax duodenoscope

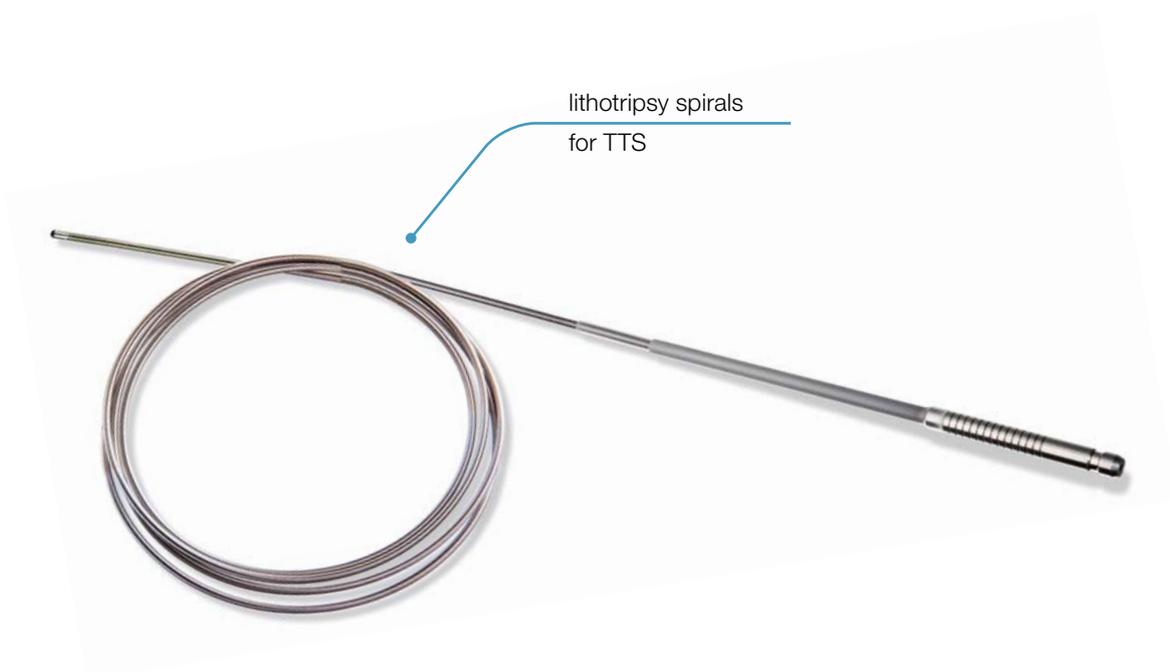


- ✓ **Easy removal of handle and tube**
in an emergency
- ✓ **The right fit**
thanks to a choice of basket sizes and matching lithotripsy spirals
- ✓ **Emergency lithotripsy**
possible without removing the duodenoscope



StoneBuster® Handle

Mechanical lithotripsy of complicated gall stones



lithotripsy spirals
for TTS



StoneBuster® Lithotripsy Hand Grip

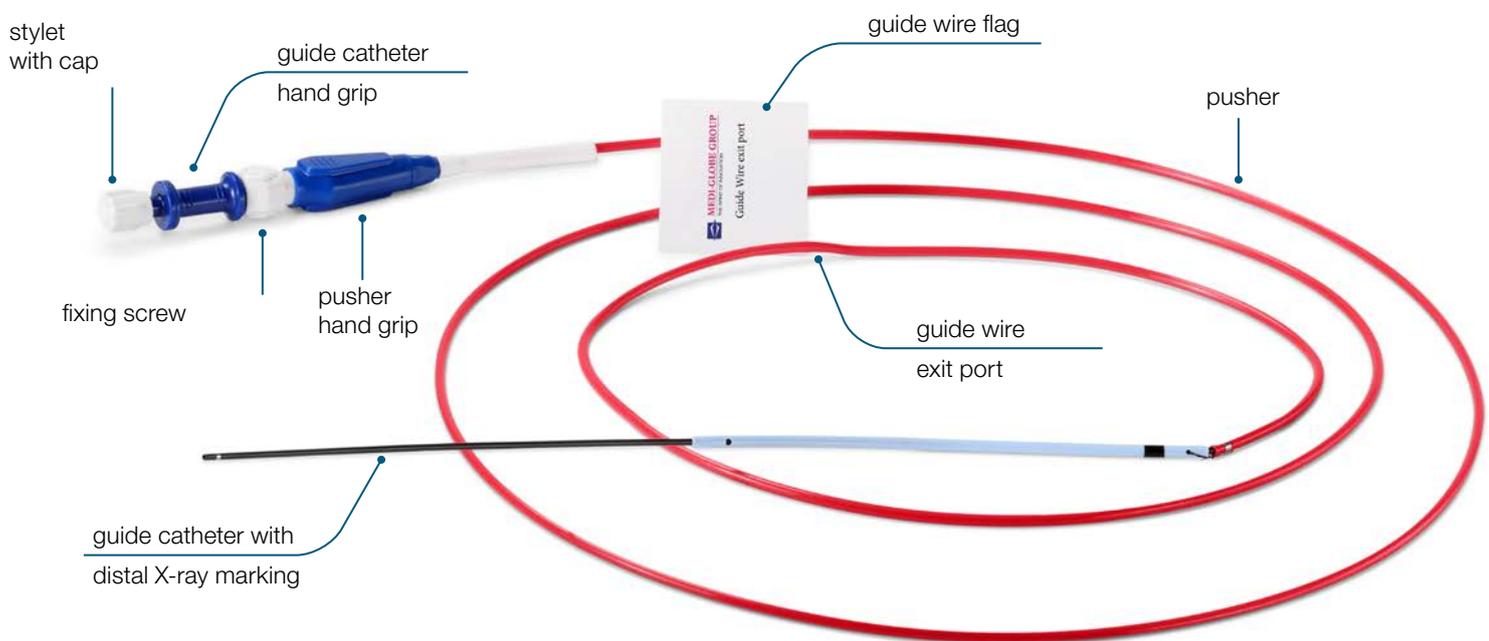


- ✓ **Reduced medical waste**
thanks to reusability

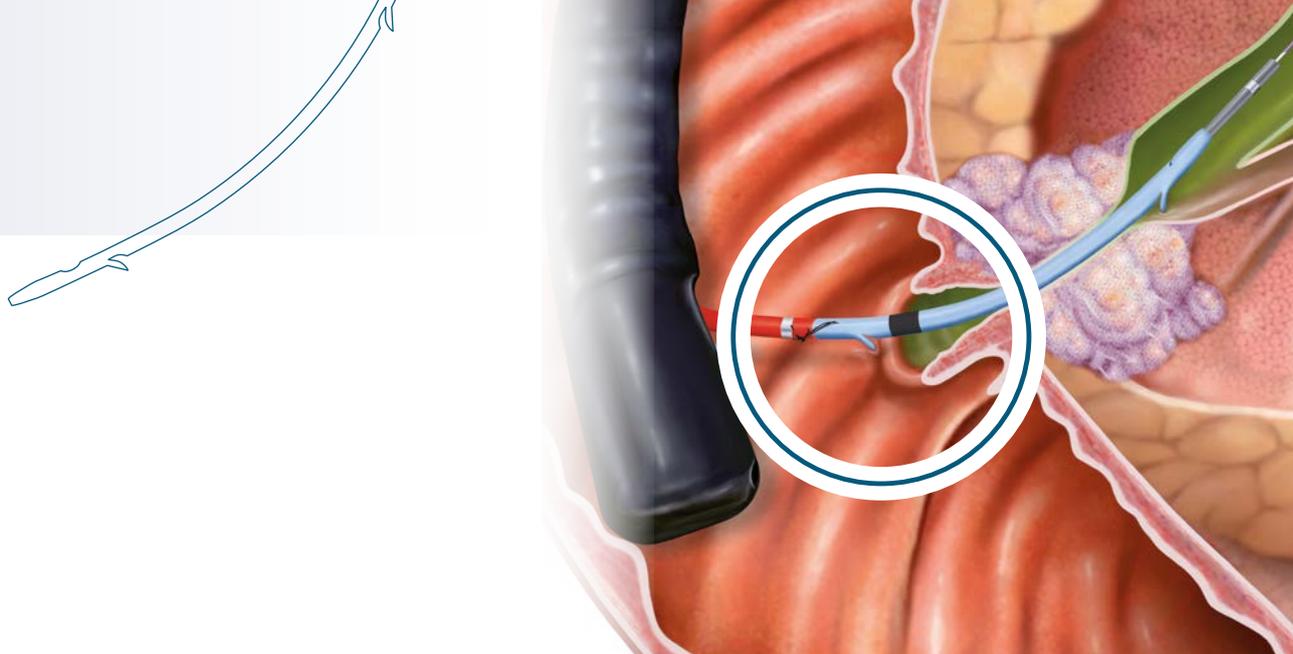
Biliary and Pancreatic Drainage

Stent Placement Set with preloaded biliary stent

Precision and flexibility during stent placement with repositionability

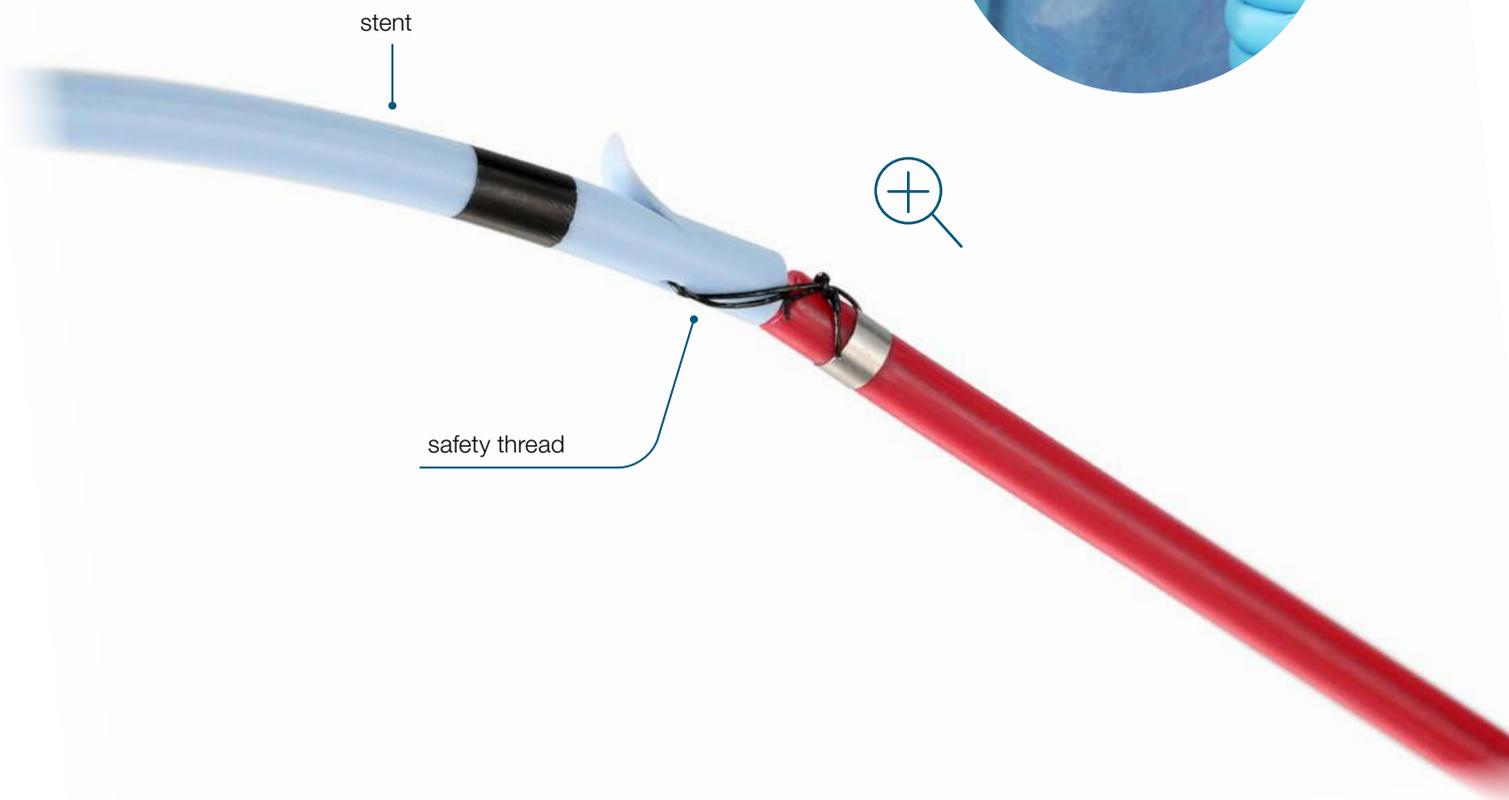


- ✓ **Safe insertion**
with guide wire in place
- ✓ **Easier guide wire exit**
thanks to integrated flag
- ✓ **Precise positioning**
through radiopaque markings



✓ **Repositioning and control**
thanks to positioning safety threads on pusher assembly

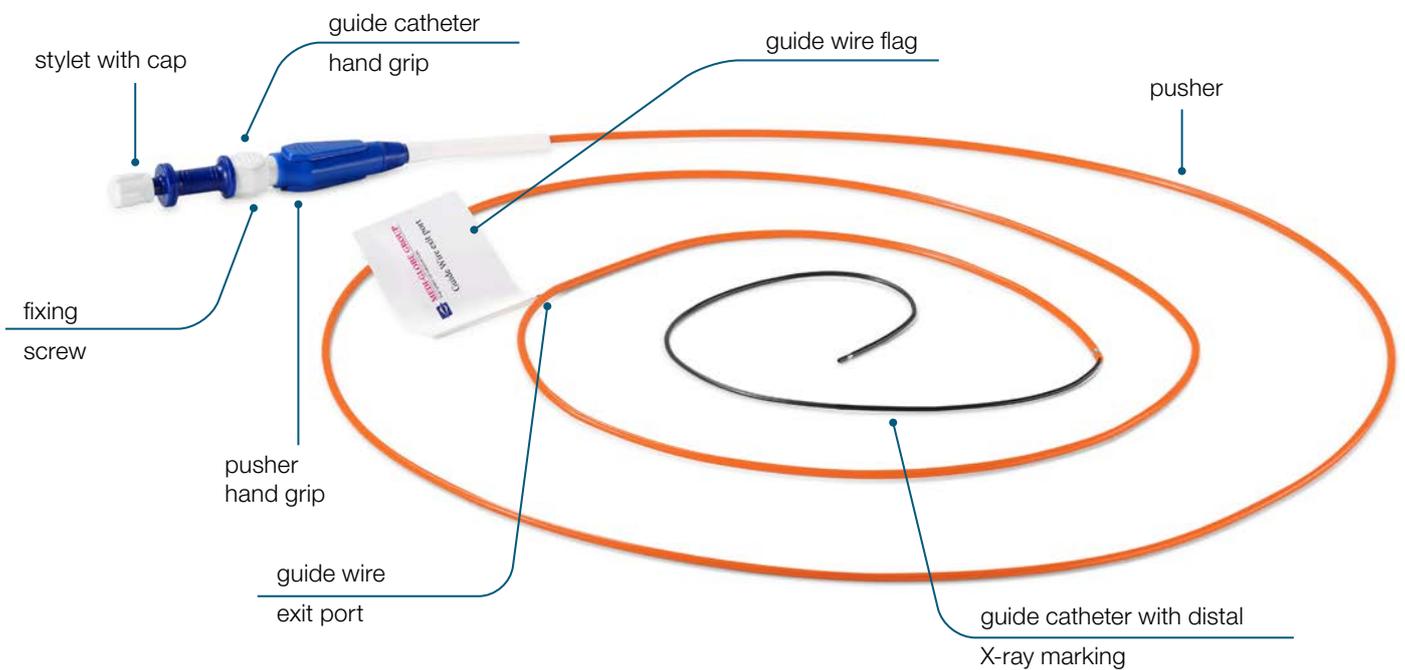
✓ **Controlled stent deployment**
through proximal ring markings (point of no return)
on guide catheter



Biliary and Pancreatic Drainage

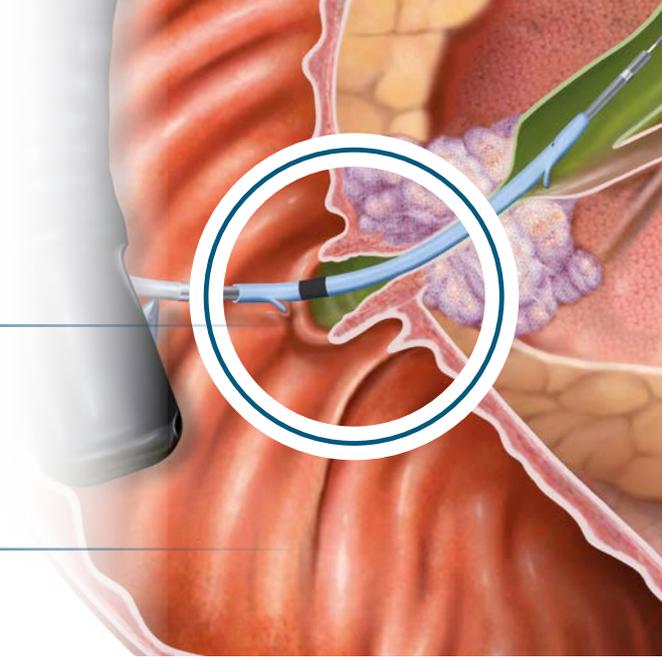
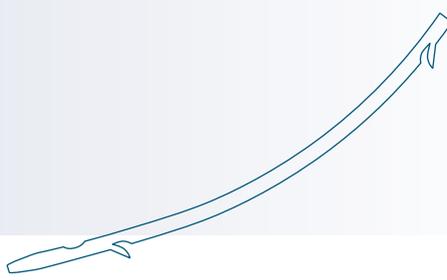
Biliary Stent Placement Set

Precision and flexibility during stent placement



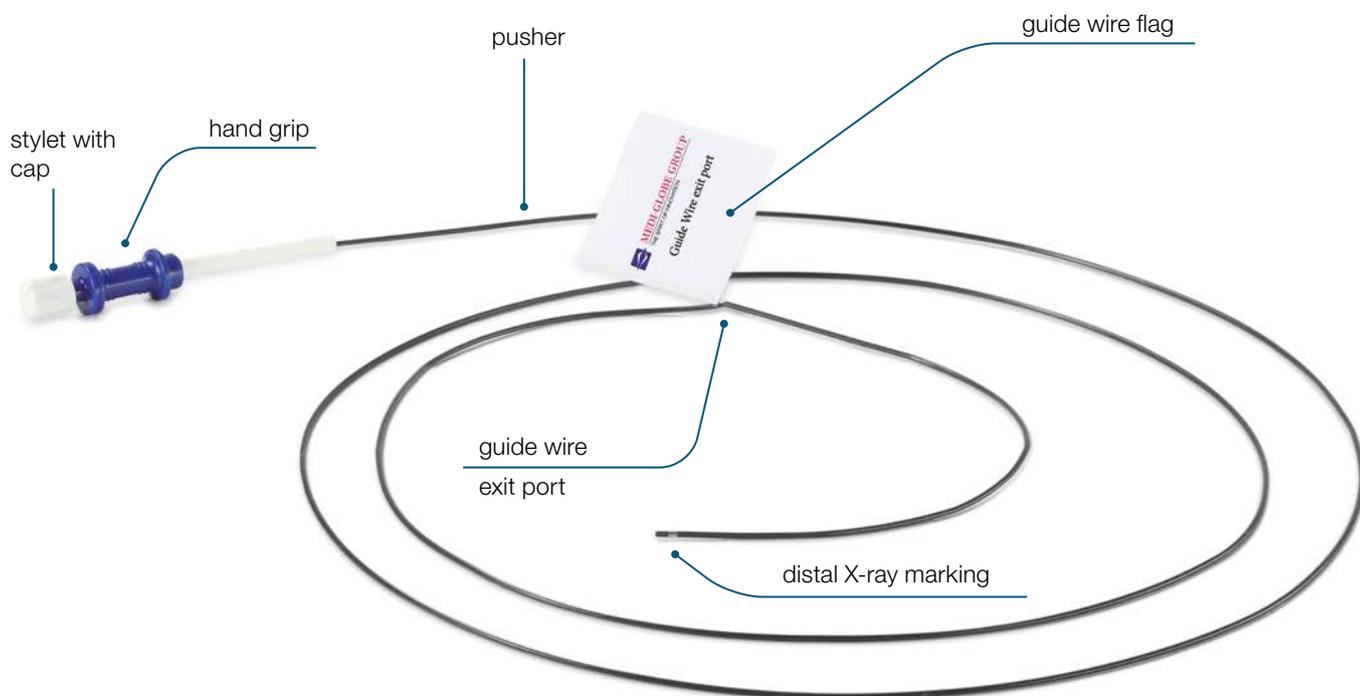
- ✔ **Safe insertion**
with guide wire in place
- ✔ **Easier guide wire exit**
thanks to integrated flag
- ✔ **Precise positioning**
through radiopaque markings
- ✔ **Solution appropriate to the situation**
thanks to a choice of stent shapes, diameters and lengths
- ✔ **Available in polyethylene**





Pusher

User-friendly stent placement for structured procedures



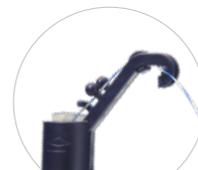
- ✔ **Safe insertion**
 with guide wire in place
- ✔ **Easier guide wire exit**
 thanks to integrated flag
- ✔ **Precise positioning**
 thanks to radiopaque marking on the Teflon tube
- ✔ **Solution tailored to the situation**
 through availability of 5 FR and 7 FR stents

Ordering information

Application: Guide Wire Fixation

ShortTrack® Locking Device

for duodenoscopes made by PENTAX, OLYMPUS and FUJIFILM



| Order code | Description |
|---------------|--|
| GWL-01-00-001 | Locking device forr OLYMPUS / FUJIFILM |
| GWL-02-00-001 | Locking device fort PENTAX |



Application: Cannulation / Probing

ShortTrack® ERCP Catheter with Luer-Lock stylet

2-lumen, with colour and X-ray markings, contrast medium administration with guide wire in place



| Order code | Tip shape | Catheter external diameter, distal tapered (mm) | Working length (cm) | Max. compatible guide wire (inch/mm) | Min. working channel diameter (mm) |
|---------------|-----------------|---|---------------------|--------------------------------------|------------------------------------|
| GER-42-25-035 | 5 mm - filiform | 2.55 / 2.1 | 200 | .035 / 0.89 | 2.8 |



Nitinol Guide Wire

teflonized, length 260 cm, 50 cm, hydrophilic coating

| Order code | Description | Diameter (inch/mm) | Tip design | Length of flexible tip (cm) |
|----------------|---------------|--------------------|------------------------------|---|
| GGW-03-25-260 | Bavarian Wire | .025 / 0.64 | soft |  5 |
| GGW-03-35-260 | Bavarian Wire | .035 / 0.89 | soft |  5 |
| GGW-10-35-260 | EasyPass | .035 / 0.89 | high flexibility |  5 |
| GGW-10-35-260J | EasyPass | .035 / 0.89 | highly flexible and J curved |  5 |



Ordering information

Application: Endoscopic Sphincterotomy

ShortTrack® RotaCut® Sphincterotome

3-lumen rotatable sphincterotome with contrast medium port and 5 mm filiform tip



| Order code | Cutting wire length (mm) | Catheter external diameter, distal tapered (mm) | Min. working channel diameter (mm) | Cutting wire design | Preloaded Nitinol guide wire (inch/cm) | PU |
|-----------------|--------------------------|---|------------------------------------|---------------------|--|----|
| GSP-41-25-020 | 20 | 2.55 / 2.1 | 2.8 | multi-filament | no | 5 |
| GSP-41-25-020PL | 20 | 2.55 / 2.1 | 2.8 | multi-filament | EasyPass .035 x 450 | 1 |
| GSP-41-25-020PS | 20 | 2.55 / 2.1 | 2.8 | multi-filament | EasyPass .035 x 260 | 1 |
| GSP-41-25-025 | 25 | 2.55 / 2.1 | 2.8 | multi-filament | no | 5 |
| GSP-41-25-025PL | 25 | 2.55 / 2.1 | 2.8 | multi-filament | EasyPass .035 x 450 | 1 |
| GSP-41-25-025PS | 25 | 2.55 / 2.1 | 2.8 | multi-filament | EasyPass .035 x 260 | 1 |
| GSP-41-25-030 | 30 | 2.55 / 2.1 | 2.8 | multi-filament | no | 5 |
| GSP-41-25-030PL | 30 | 2.55 / 2.1 | 2.8 | multi-filament | EasyPass .035 x 450 | 1 |
| GSP-41-25-030PS | 30 | 2.55 / 2.1 | 2.8 | multi-filament | EasyPass .035 x 260 | 1 |
| GSP-42-25-020 | 20 | 2.55 / 2.1 | 2.8 | single filament | no | 5 |
| GSP-42-25-020PL | 20 | 2.55 / 2.1 | 2.8 | single filament | EasyPass .035 x 450 | 1 |
| GSP-42-25-020PS | 20 | 2.55 / 2.1 | 2.8 | single filament | EasyPass .035 x 260 | 1 |
| GSP-42-25-025 | 25 | 2.55 / 2.1 | 2.8 | single filament | no | 5 |
| GSP-42-25-025PL | 25 | 2.55 / 2.1 | 2.8 | single filament | EasyPass .035 x 450 | 1 |
| GSP-42-25-025PS | 25 | 2.55 / 2.1 | 2.8 | single filament | EasyPass .035 x 260 | 1 |
| GSP-42-25-030 | 30 | 2.55 / 2.1 | 2.8 | single filament | no | 5 |
| GSP-42-25-030PL | 30 | 2.55 / 2.1 | 2.8 | single filament | EasyPass .035 x 450 | 1 |
| GSP-42-25-030PS | 30 | 2.55 / 2.1 | 2.8 | single filament | EasyPass .035 x 260 | 1 |

PU = packing unit

Ordering information

Application: Stone Extraction

ShortTrack® Stone Extraction Balloon

3-stage balloon catheter, 3-lumen, including syringe* for maximum filling volume



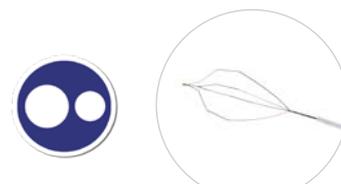
| Order code | External diameter of catheter (FR) | Balloon diameter filled (mm) | Max. air volume (ml) | Contrast medium application (depending on balloon) | Working length (cm) | Min. working channel diameter (mm) |
|---------------|------------------------------------|------------------------------|----------------------|--|---------------------|------------------------------------|
| GEB-47-25-035 | 7.5 | 9 - 13 - 16 | 1.5 - 2.5 - 5 | distal | 200 | 3.2 |



* 3 syringes for GEB-47-25-035

ShortTrack® Stone Extraction Basket

2-lumen, catheter diameter 2.7 mm, 4-fold multi-filament diamond-shaped



| Order code | For duodenoscope | Basket width when open (mm) | Basket length when open (mm) | Min. working channel diameter (mm) | Working length (cm) | Pull cord length (cm) |
|---------------|--------------------|-----------------------------|------------------------------|------------------------------------|---------------------|-----------------------|
| GEB-51-27-420 | OLYMPUS / FUJIFILM | 20 | 42 | 3.2 | 180 | 210 |
| GEB-51-27-425 | OLYMPUS / FUJIFILM | 25 | 52 | 3.2 | 180 | 210 |
| GEB-51-27-430 | OLYMPUS / FUJIFILM | 30 | 61 | 3.2 | 180 | 210 |
| GEB-52-27-420 | PENTAX | 20 | 42 | 3.2 | 180 | 400 |
| GEB-52-27-425 | PENTAX | 25 | 52 | 3.2 | 180 | 400 |
| GEB-52-27-430 | PENTAX | 30 | 61 | 3.2 | 180 | 400 |



Ordering information

Application: Stone Extraction

Lithotripsy Spirals

Stainless steel, works with StoneBuster® hand grip



| Order code | Description | External diameter (mm) | Working length (cm) | Min. working channel diameter (mm) |
|---------------|--|------------------------|---------------------|------------------------------------|
| GML-90-26-180 | uncoated | 2.6 | 180 | 2,8 |
| GML-91-26-180 | coated with contrast medium administration | 2.6 | 180 | 2,8 |



StoneBuster® Lithotripsy Hand Grip

Reusable, user-friendly rotation and pull mechanism, secure at the touch of a button



| Order code | Description |
|---------------|------------------------------------|
| GML-99-01-000 | StoneBuster® lithotripsy hand grip |

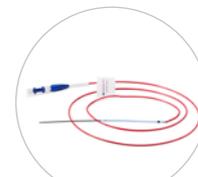


Ordering information

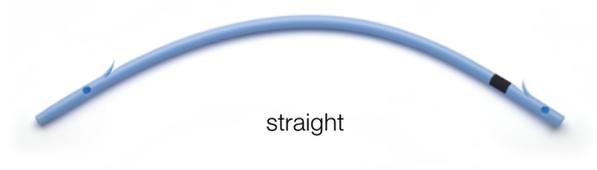
Application: Biliary and Pancreatic Drainage

ShortTrack® Stent Placement Set with preloaded biliary stent

Consists of a PE stent, pusher and guide catheter with radiopaque tip



| Order code | Stent design | Stent diameter (FR) | Stent length (cm) | Min. working channel diameter (mm) |
|-----------------|--------------|---------------------|-------------------|------------------------------------|
| GBS-01-08-005PS | straight | 8.5 | 5 | 3.2 |
| GBS-01-08-007PS | straight | 8.5 | 7 | 3.2 |
| GBS-01-08-009PS | straight | 8.5 | 9 | 3.2 |
| GBS-01-08-012PS | straight | 8.5 | 12 | 3.2 |
| GBS-01-08-015PS | straight | 8.5 | 15 | 3.2 |
| GBS-01-10-005PS | straight | 10 | 5 | 3.7 |
| GBS-01-10-007PS | straight | 10 | 7 | 3.7 |
| GBS-01-10-009PS | straight | 10 | 9 | 3.7 |
| GBS-01-10-012PS | straight | 10 | 12 | 3.7 |
| GBS-01-10-015PS | straight | 10 | 15 | 3.7 |
| GBS-01-11-005PS | straight | 11.5 | 5 | 4.2 |
| GBS-01-11-007PS | straight | 11.5 | 7 | 4.2 |
| GBS-01-11-009PS | straight | 11.5 | 9 | 4.2 |
| GBS-01-11-012PS | straight | 11.5 | 12 | 4.2 |
| GBS-01-11-015PS | straight | 11.5 | 15 | 4.2 |



Ordering information

ShortTrack® Stent Placement Set with preloaded biliary stent

Consists of a PE stent, pusher and guide catheter with radiopaque tip



| Order code | Stent design | Stent diameter (FR) | Stent length (cm) | Min. working channel diameter (mm) |
|-----------------|-----------------|---------------------|-------------------|------------------------------------|
| GBS-05-08-005PS | duodenal curved | 8.5 | 5 | 3.2 |
| GBS-05-08-007PS | duodenal curved | 8.5 | 7 | 3.2 |
| GBS-05-08-009PS | duodenal curved | 8.5 | 9 | 3.2 |
| GBS-05-08-012PS | duodenal curved | 8.5 | 12 | 3.2 |
| GBS-05-08-015PS | duodenal curved | 8.5 | 15 | 3.2 |
| GBS-05-10-005PS | duodenal curved | 10 | 5 | 3.7 |
| GBS-05-10-007PS | duodenal curved | 10 | 7 | 3.7 |
| GBS-05-10-009PS | duodenal curved | 10 | 9 | 3.7 |
| GBS-05-10-012PS | duodenal curved | 10 | 12 | 3.7 |
| GBS-05-10-015PS | duodenal curved | 10 | 15 | 3.7 |
| GBS-05-11-005PS | duodenal curved | 11.5 | 5 | 4.2 |
| GBS-05-11-007PS | duodenal curved | 11.5 | 7 | 4.2 |
| GBS-05-11-009PS | duodenal curved | 11.5 | 9 | 4.2 |
| GBS-05-11-012PS | duodenal curved | 11.5 | 12 | 4.2 |
| GBS-05-11-015PS | duodenal curved | 11.5 | 15 | 4.2 |



duodenal curved

Ordering information

Application: Biliary and Pancreatic Drainage

ShortTrack® Biliary Stent Placement Set, not preloaded

Consists of a pusher and guide catheter with radiopaque tip



| Order code | Pusher length (cm) | Guide catheter length (cm) | For biliary stents (FR) | Min. working channel diameter (mm) |
|---------------|--------------------|----------------------------|-------------------------|------------------------------------|
| GBS-33-08-180 | 180 | 220 | 8.5 | 3.9 |
| GBS-33-10-180 | 180 | 220 | 10 and 11.5 | 4.2 |



Plastic stents

All available biliary and pancreatic stents can be obtained from the current product catalogue or from our website at:

<https://www.medi-globe.de/en/products/product-categories/drainage/pancreatic-stents-and-stent-sets/>



ShortTrack® Pusher for placement of biliary and pancreatic stents

180 cm working length, distal X-ray marking



| Order code | For stents (FR) | Min. working channel diameter (mm) | Length (cm) |
|---------------|-----------------|------------------------------------|-------------|
| GBS-44-05-180 | 5 | 3.2 | 180 |
| GBS-44-07-180 | 7 | 3.6 | 180 |



We are Medi-Globe

Developed in Germany, manufactured in Europe



www.medi-globe.com



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