

## RETRIEVAL DEVICES

Nitinol retrieval baskets are used during an endoscopic procedure to grip, guide and remove stones. They are mainly used in urology but can also be made for the application in otorhinolaryngology and ophthalmology.

In urology, we offer different types of Nitinol retrieval baskets for endourological stone therapy. While baskets with tip are used in the ureter with rigid or semi-rigid endoscopes, baskets without a tip are used in the flexible ureterorenoscope for the extraction of kidney stones directly in the kidney. Baskets with an open-ended structure facilitate the user's work whenever stones are difficult to grasp. Various user-friendly French/Charrière sizes (FR/CH) are available.

The retrieval baskets are individually packed (sterile) or packed in larger bundles (non-sterile), depending on the customer's requirements. Our sterile retrieval baskets are CE-certified for urology applications.

Many years of experience and competence in developing and producing these systems have enabled ENDOSMART® to place several patents for these product lines.



Get more infos  
about our products



Connect with us on  
LinkedIn



Connect with us on  
Xing

© ENDOSMART® Gesellschaft für Medizintechnik mbH · All rights reserved · 11.2021 EN – We are not liable for any errors. Technical modifications are subject without further notice. All trademarks, trade names and company names referenced herein belong to their respective companies.

[www.endosmart.de](http://www.endosmart.de)

info@endosmart.de  
+49 721 957 967-000

certified quality system  
ISO 13485



### SNARE

#### VASCULAR SURGERY

- For repositioning and retrieval of foreign objects from cavities and vessels of the peripheral vascular system
- gold coating for better visualization under X-rays
- pre-shaped tip for easy navigation
- X-ray marker at the distal end of the shaft
- Nitinol wire for 1:1 control of the loop

Further sizes for all variants are available upon request.

Size	Lenght	Diameter
3 Fr	175 cm	2 4 7 mm
4 Fr	125 cm	5 10 15 20 mm
5 Fr	65 125 150 cm	25 30 35 mm

**ENDOSMART®**  
Nitinol in its best shape.

Transforming  
**PRECISION** into  
**PERFECTION**

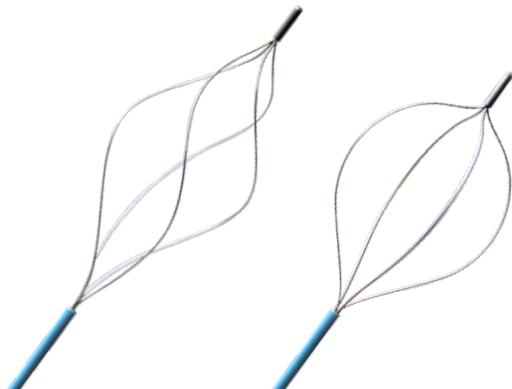
Perfect products are our claim!  
We use technologies adapted to Nitinol  
enabling us to meet complex requirements  
in manufacturing precisely and permanently  
safe – our quality promise to you!



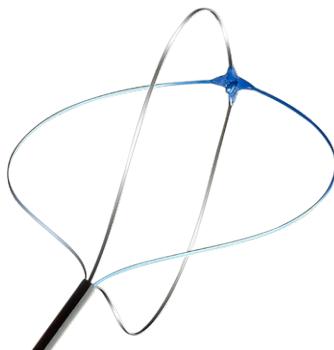
**ENDOSMART®**  
Nitinol in its best shape.

# RETRIEVAL DEVICE FAMILY

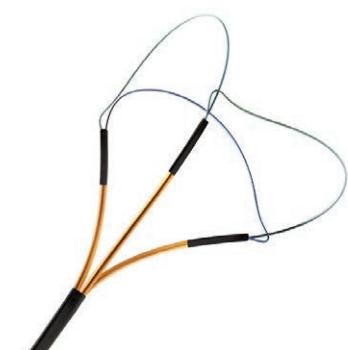
Retrieval devices which are designed for grasping, maneuvering and extracting stones and foreign bodies



**NITINOL RETRIEVAL BASKET**



**BLUE EDITION™**



**GOLD EDITION**

## ENDOUROLOGY

- with tip, helical and straight
- innovative guide-wire technology for optimal tensile strength
- excellent movement and rotation capabilities of the basket facilitate easy stone capture
- for use in the ureter for easily passing the stone

## ENDOUROLOGY

- tipless, straight, ball shape
- innovative guide-wire technology with a flat-wire design prevents the basket from bending sideways and eases the release of a grasped stone
- kink resistance without influencing the flexible distal section
- improved 3D basket visibility due to the blue shining distal joining
- strong radial force and full deflection up to 270°
- small French size enables optimal flow

Helical   Straight		
Size	Length	Diameter
2.5 Fr	90   120 cm	11,5   13,5 mm
3 Fr	90   120 cm	16,0   16,0 mm

Size	Length	Diameter
1.3 Fr	120 cm	12 mm
1.9 Fr	120 cm	12 mm

## ENDOUROLOGY

- open end, 3 arm design
- innovative guide-wire technology
- reinforced gold shining tubings and unique patented safety mechanism increase the durability of the device
- gold shining tubings enable better visibility
- shaft with necessary stiffness and kink resistance
- combines the benefits of the Blue Edition™ basket and a grasper

Size	Length	Diameter
1.9 Fr	120 cm	10 mm