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innovation in scope

one & done

OTSC® – superior outcome in hemostasis

Four randomized controlled trials (USA, Europe, Asia) on first-line OTSC® therapy demonstrate a significant clinical benefit compared to former standard treatment. Clinical success rates:

96.0% vs. 71.4% (p=0.017) in ulcer & Dieulafoy; Jensen DM et al., Clin Gastroenterol Hepatol 2021[1]
91.7% vs. 73.1% (p=0.019) in high-risk lesions; Meier B et al., Gut 2022[2]
96.8% vs. 85.4% (p=0.006) in all cases of NVUGIB; Lau JYW et al., Ann Intern Med 2023[3]
96.7 % vs. 74.5 % (p=0.001) in Ulcer bleeding; Soriani et al., ESGE Days 2023[4]

1st line

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OTSC® is a registered brand of Ovesco Endoscopy AG.

OTSC® SYSTEM
saving lives®

OTSC® System

Details and components

The OTSC® System consists of an applicator cap with a mounted clip, handwheel and thread retriever. The OTSC® System is available in the following variety of cap sizes and clip designs to provide secure application regardless of the anatomical situation and endoscope type.

- 4 different cap and corresponding clip sizes
- 2 different cap depths for capturing more or less tissue
- 3 different theeth shapes suitable for different areas of application

OTSC® CLIP

OTSC® Version		mini	11	12	14
Endoscope diameter Ø [mm]		8.5 – 10	8.5 – 11	10.5 – 12	11.5 – 14
Depth of cap	3 mm		**11 / 3a**[1] (100.03)*	**12 / 3a**[1] (100.05)*	**14 / 3a**[2] (100.07)*
			11 / 3t[1] (100.04)*	**12 / 3a**[2] (100.28)*	**14 / 3t**[2] (100.08)*
				12 / 3t[1] (100.06)*	
				12 / 3t[2] (100.29)*	
	6 mm	**mini / 6a**[1] (100.01)*	**11 / 6a**[1] (100.09)*	**12 / 6a**[1] (100.11)*	**14 / 6a**[2] (100.13)*
		mini / 6t[1] (100.02)*	**11 / 6t**[1] (100.10)*	**12 / 6a**[2] (100.30)*	**14 / 6t**[2] (100.14)*
				12 / 6t[1] (100.12)*	
				12 / 6t[2] (100.31)*	
				12 / 6gc[1] (100.27)*	
Max. outer diameter Ø [mm]		14.6	16.5	17.5	21

* (ref. no.) [1] thread length 165 cm [2] thread length 220 cm

type a
blunt teeth, primarily compression effect

type t
teeth with small spikes, compression and anchoring effect

type gc
elongated teeth with spikes, application: closure of gastric wall

Application aid

There are two instruments available to enable a more effective application. These can be inserted next to the thread in the same working channel.

OTSC® ANCHOR

For better approximation of tissue especially when hard or fibrotic (e.g. fistulae, chronic ulcer), OTSC® Anchor 220tt especially for thin tissue.

	OTSC® Anchor	OTSC® Anchor 220tt
ref. no.	200.10	200.11
working length	1650 mm	2200 mm
max. Ø	2.4 mm	2.4 mm
needle width	12 mm	9 mm
stitch depth	4 mm	2 – 2.5 mm

OTSC® TWIN GRASPER®

For easier approximation of gaping edges of a lesion (e.g. perforation).

	OTSC® Twin Grasper®	
ref. no.	200.44	200.45
working length	1650 mm	2200 mm
max. Ø	2.6 mm	2.6 mm

Ovesco Endoscopy AG is a medical device company specialising in the fields of flexible endoscopy, endoluminal surgery and telemetric diagnostics. The company develops, manufactures and markets innovative products for the detection and treatment of gastrointestinal disease. Ovesco products are synonymous with efficacy and efficient application.

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OTSC® System
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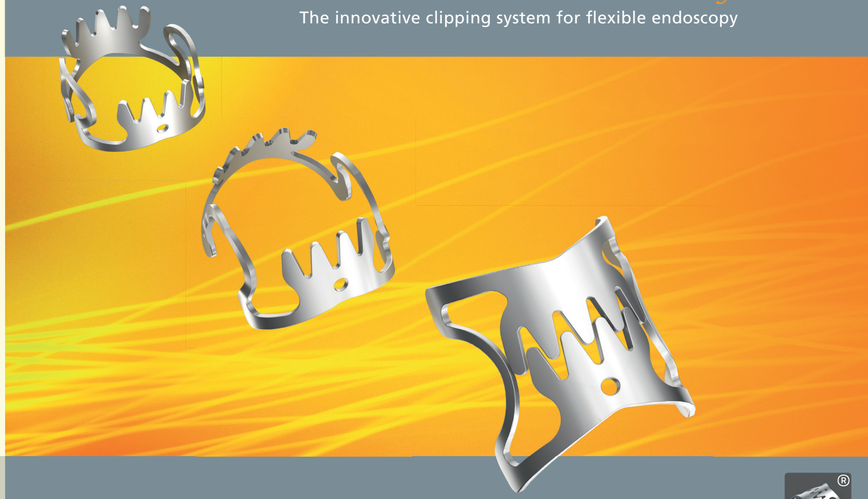
The innovative clipping system for flexible endoscopy



The OTSC® System stands for superior clinical efficacy[1-7], easy and quick application[7] and cost effectiveness[8].

The OTSC® System is used in flexible endoscopy for

- acute bleeding
- wall closure
- closure of chronic lesions
- management of complications after endoscopic or surgical procedures

OTSC® System

The OTSC® System is an innovative clipping system to be applied via flexible endoscopes. It offers the physician unique features superior to any other device:

- dynamic compression, continuous adaption to tissue thickness
- larger volume of tissue secured
- higher stability at the lesion site
- minimal strain on surrounding tissue

The exceptional features and therapeutic functions of the OTSC® System are based on its unique material and design: the superelastic Nitinol® is biocompatible, MRI conditional, and, if needed, even suited to be applied as a long-term implant.

OTSC® CLIP

OTSC® MINI

The use of the OTSC® System is intuitive and easy, very similar to other devices based on the application cap principle. The application cap is mounted to the tip of the endoscope. By turning the handwheel, the thread is tightened and the clip is applied. It is compatible with commercially available endoscopes. A variety of different sizes and combinations are available for commonly used endoscopes.

Our application aids allow easier positioning of lesions: the OTSC® Anchor (e.g. fistula or ulcer bleeding treatment) and the OTSC® Twin Grasper® (e.g. perforation closure) assist you in approximating tissue precisely into the cap.

All OTSC® products are disposable and designed for single patient use.

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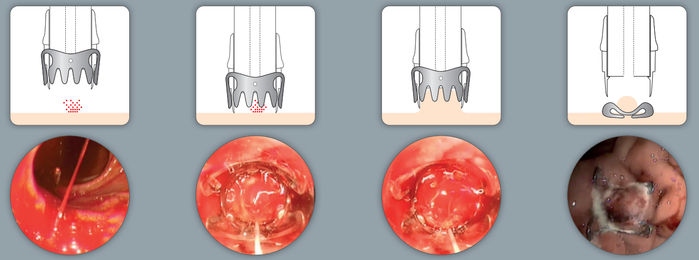
OTSC® ANCHOR

OTSC® TWIN GRASPER®

Application

Hemostasis



Target lesion with OTSC® System.

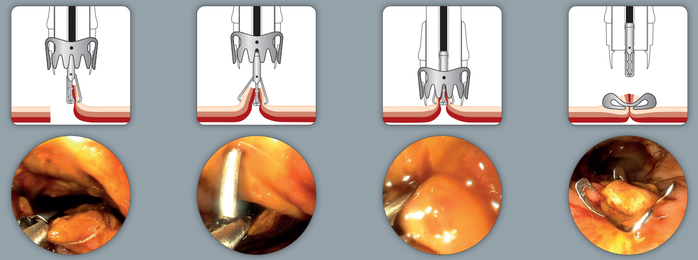
Bring OTSC® cap in contact with tissue.

Suction target tissue into OTSC® cap.

Apply OTSC® clip by turning the hand wheel.

Hemostasis of an arterial bleeding, source: Prof. Dr. Chiu, Prince of Wales Hospital, Hong Kong SAR, China

Perforation closure



Grasp first perforation edge with one of the two OTSC® Twin Grasper® jaw parts.

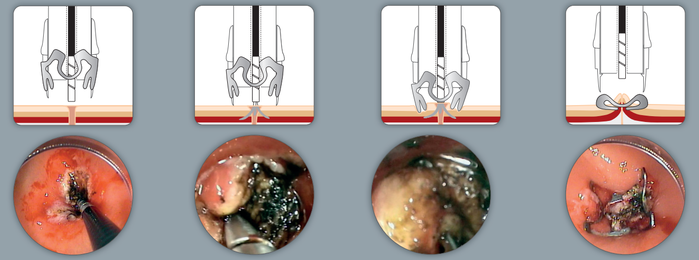
Grasp opposite perforation edge with second jaw part.

Retract perforation into cap (OTSC® Twin Grasper® must be fully inside cap).

Apply clip and release OTSC® Twin Grasper®.

Closure of a perforation in the rectum, source: Dr. Mauro Manno & Dr. Paola Soriani, UOSD Endoscopia Digestiva Area Nord, Azienda USC di Modena, Ospedale di Carpi e Mirandola, Italy

Fistula closure



Target fistula opening, position the OTSC® Anchor and fix tissue.

Align OTSC® cap to the fistula opening by pulling the anchor and advancing endoscope.

Mobilize tip of OTSC® Anchor shaft into cap; anchor spikes may remain external.

Apply clip; release OTSC® Anchor from tissue.

Closure of a PEG fistula, source: Dr. Thomas Kratt, Universitätsklinikum Tuebingen, Germany

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