

OTSC® products

Details and components

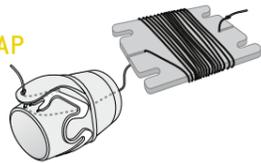


OTSC® system

It consists of an applicator cap with a mounted clip, thread, and handwheel for clip release.



OTSC®
APPLICATOR CAP



OTSC®
HAND WHEEL



The applicator cap is mounted onto the tip of the endoscope. The clip is released by tightening the thread with the hand wheel. The system is very flexible and will thus allow for multiple indications and all conventional equipment in endoscopy. The various clips and caps can be classified as follows:

Features and sizes of the applicator caps:

- Three different **sizes** of caps suitable for almost all commercially available endoscopes (sizes 11, 12, 14)
- Two **different depths** of caps for grasping more or less tissue during approximation (3 and 6 mm)

Features of the clips:

- Three different **sizes** adapted to the cap sizes (sizes 11, 12, 14)
- Three different **shapes of teeth** suitable for different indications and tissues (types a, t, gc)

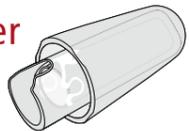
Versions of OTSC®:  type a  type t  type gc

Endoscope size		Ø 9.5 – 11 mm	Ø 10.5 – 12 mm	Ø 11.5 – 14 mm
Depth of cap	3 mm	● ●	● ●	● ●
	6 mm	● ●	● ● ●	● ●

OTSC® reloader



OTSC®
RELOADER



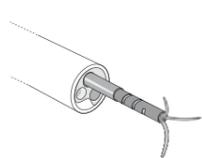
The reloader is used to reload a second clip onto an already mounted OTSC® system if needed in the same treatment session. The reloader is not included in the OTSC® system set and has to be ordered separately. It is available with clips in all sizes and versions. The reloader is available in all sizes with all clip types as well. The reloader is not included in the OTSC® system set and has to be ordered separately.

OTSC® application aids

Two instruments are available that facilitate the use of the OTSC® system



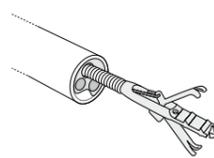
OTSC®
ANCHOR



For better approximation of tissue especially when indurated (e.g. fistulae, chronic ulcer).



OTSC®
TWIN GRASPER®



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

Ovesco Endoscopy AG is a medical device company specializing in the fields of flexible endoscopy and endoluminal surgery. Ovesco develops, manufactures, and markets innovative products for the treatment of gastrointestinal disease. Ovesco products stand for therapeutic efficacy and efficient application.



ovesco
innovation in scope



OTSC® system
good to have

Over-The-Scope-Clipping system for flexible endoscopy



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The all new OTSC® system stands for superior efficacy in flexible endoscopy for

- Acute bleeding
- Full thickness wall closure
- Compression as well as approximation of tissue
- Management of complications after endoscopic or surgical interventions

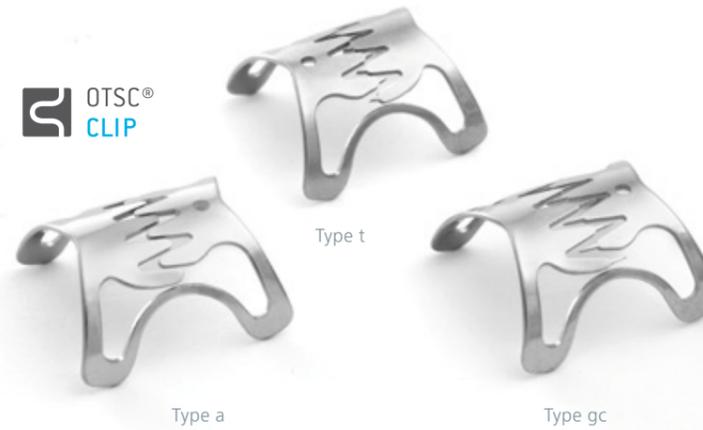
OTSC® Over-The-Scope-Clipping system for flexible endoscopy

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

- Larger volume of tissue secured
- Higher stability at the lesion site
- Minimal strain on surrounding tissue

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

The use of the OTSC® system is intuitive and easy, very similar to other devices based on the application cap principle. It is compatible with all



commercially available endoscopes. A variety of different sizes and types are available.

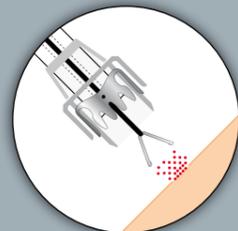
All OTSC® products are disposable and designed for single patient use.

In addition, for precise and easy closure of even larger lesions several application aids are available: the OTSC® Anchor and the OTSC® Twin Grasper® assist you in approximating tissue in treating perforations, fistulae etc.

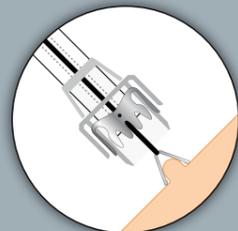


Application

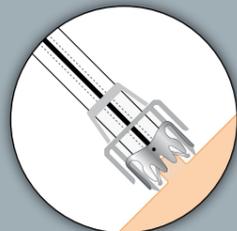
Haemostasis



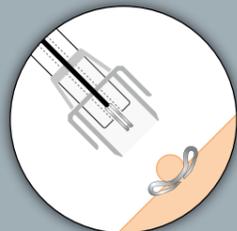
Targeting the lesion (if needed with OTSC® application aid) ...



... approximation of the application cap and the target tissue ...



... release of the clip with hand wheel ...



... procedure completed.

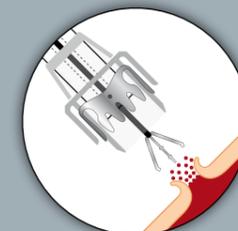
Example: Stopping a haemorrhage after polypectomy



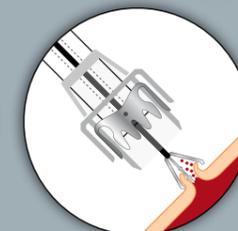
Further examples: Peptic ulcer bleeding



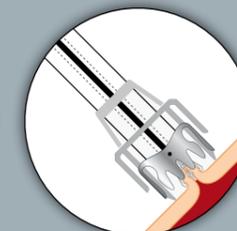
Wall closure



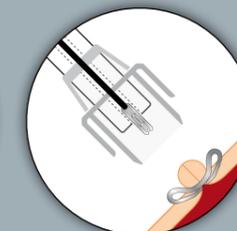
Targeting the lesion (if needed with OTSC® application aid) ...



... approximation of the application cap and the target tissue ...



... release of the clip with hand wheel ...



... procedure completed.

Example: Fistula closure in the colon



Further examples: Perforations, anastomotic leaks, other postoperative complications



Additional indications

Endoscopic marking, closure of GI-tract organs in NOTES procedures