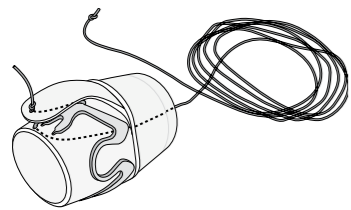



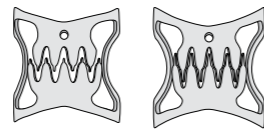
.....OTSC® system



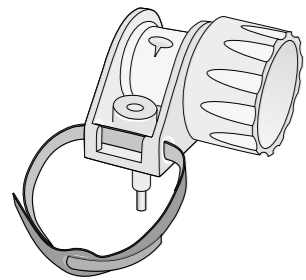
 **OTSC®
APPLICATOR CAP**
For fixation at the tip of the endoscope



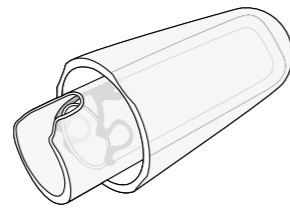
 **OTSC®
CLIP**
Endoscopic clip for
gastrointestinal organ wall closure



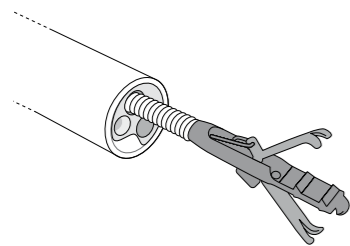
 **OTSC®
HAND WHEEL**
For releasing the OTSC® clip



**OTSC®
RELOADER**
For reloading the OTSC® applicator



 **OTSC®
TWIN GRASPER®**
For approximating lesions
before clip application



All Ovesco OTSC® products are for
single patient use.

o o o o o o o o v e s c o

o o o o o o o o v e s c o



Over-The-Scope-Clipping system for
Organ wall closure
in the gastrointestinal tract.....



Ovesco Endoscopy GmbH is a medical device company operating in the fields of flexible endoscopy and endoluminal surgery. The company develops, manufactures and markets innovative products for the treatment of gastrointestinal disease. Innovative endoscopic clipping systems are Ovesco's hallmark. Among other applications, the OTSC® – Over-The-Scope-Clip – is Ovesco's product platform for the gastrointestinal organ wall closure.

NOTES Natural Orifice Transluminal Endoscopic Surgery

Ovesco's products are designed to provide superior therapeutic effectiveness and to allow endoscopists to deal with complex conditions in the digestive tract or gastrointestinal organs.

Flexible endoscopy is expanding its role from diagnostics and classical endoscopic procedures to advanced endoluminal and transluminal surgical techniques such as NOTES.

Potential advantages of NOTES in comparison with other access techniques to the abdominal cavity include reduced trauma and the absence of incisional complications such as pain, hernias, and external wound infections. The absence of skin wounds provides for an optimal cosmetic result.

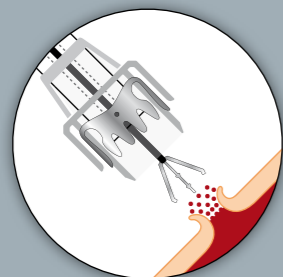
Our OTSC system is designed for gastrointestinal organ wall closure after endoscopic procedures. The OTSC clip provides significantly more strength and larger tissue capture than smaller clips delivered through the working channel of the flexible endoscope.

The OTSC system for organ closure consists of the the OTSC clip, the OTSC applicator and the OTSC twin grasper as an application aid.

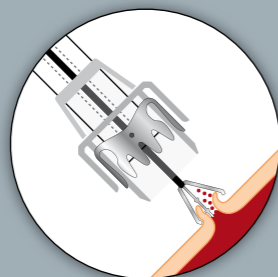
OTSC® clip
The OTSC clip for flexible endoscopy is a super-elastic Nitinol device for compression and approximation of tissues in the human digestive tract.



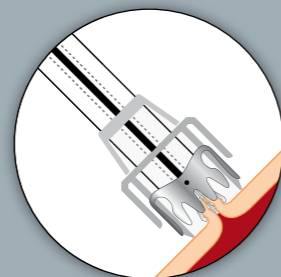
Clip application procedure



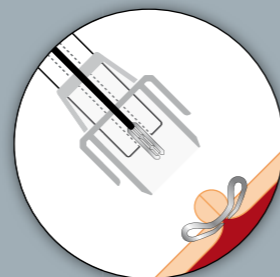
Targeting the perforation...



...aligning OTSC® applicator to target tissue...

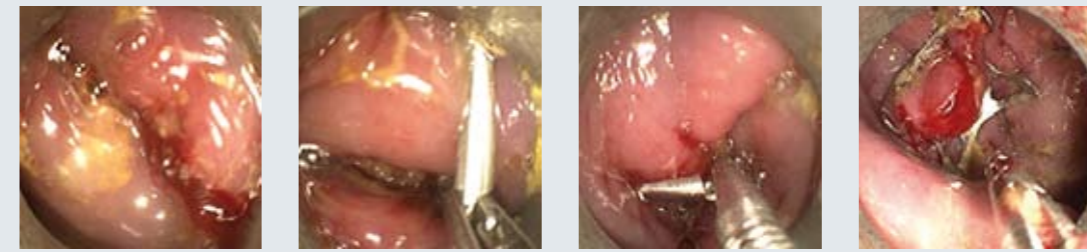


...releasing the clip...



...result

Gastric wall closure



Wound margins in the gastric wall are visualized and captured on both sides using the OTSC twin grasper. Then the OTSC clip is released to approximate the wound margins tightly (pictures from training model).

The OTSC clip is delivered by means of an applicator cap mounted to the tip of the endoscope. Based on its unique design, the clip closes itself after release and firmly anchors the tissue to be compressed for closure of a gastrointestinal organ lesion.

Due to its smart material properties, OTSC delivers constant force at the implantation site securing the therapeutic effect. OTSC is made of biocompatible material.

OTSC® applicator cap
The OTSC applicator cap is mounted to the tip of the endoscope. Different shapes and sizes are available. The clip is pre-installed on the cap and is released at the target site by means of a thread connected to the hand wheel at the handle of the endoscope. Reloading the cap is possible in the same procedure.

OTSC® twin grasper®
The OTSC twin grasper is used for approximating the tissue margins before the OTSC clip is released for organ closure. It has two independently movable jaws.



OTSC® APPLICATOR CAP



OTSC® TWIN GRASPER®



OTSC® RELOADER