

remOVE System

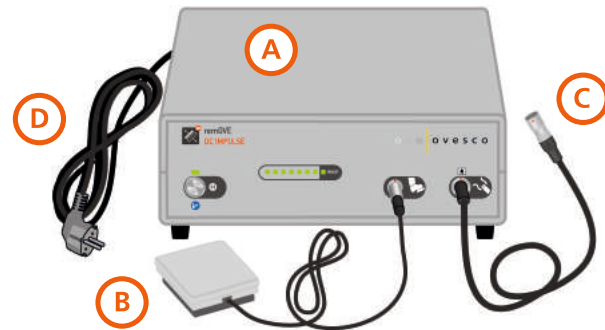
Details and Components

remOVE DC IMPULSE

The DC Impulse generator is a medical electrical device for fragmentation of OTSC® and FTRD® clips made by Ovesco Endoscopy AG for the digestive tract. The DC Impulse generator is designed to ensure that a direct current pulse can only be generated when sufficient contact with a segment of the clip is established. Sufficient contact is indicated through an acoustic signal.

Components:

- A** DC Impulse generator
- B** Foot-activated switch with connector cable
- C** DC cord in order to connect the DC Cutter
- D** Power cord



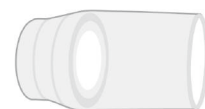
remOVE DC CUTTER

Bipolar endoscopic direct current (DC) instrument for fragmentation of OTSC® and FTRD® clips in the digestive tract. Designed to be used only with the DC Impulse generator and flexible endoscopes. Flexible shaft, length 220 cm, compatible with working channel diameters of 2.8 mm or larger. Single use product.



remOVE SECURECAP

Retrieval cap for safe retrieval of clip fragments. Single use product.



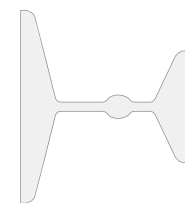
remOVE GRASPER

Grasping forceps for retrieval of clip fragments into the remOVE secure cap. Flexible shaft, length 220 cm, compatible with working channel diameters of 2.8 mm or larger. Single use product.



remOVE SHIELD

The remOVE Shield is an adhesive film which protects the optical lens of a flexible endoscope against flying sparks when using the remOVE System. Single use product.



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remOVE System English version 3 | 2016-02-10

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ovesco
innovation in scope



remOVE System.....

System for removal of OTSC® and FTRD® clips



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.

The novel remOVE System for endoscopic OTSC® and FTRD® clip removal.

- Effective endoscopic cutting and extraction of OTSC® and FTRD® Clips
- Novel generator and probe technology based on direct current (DC)
- Safe and easy to use
- Only minimal and superficial thermal injury
- Safe retrieval of clip fragments

Applications for endoscopic removal of OTSC® and FTRD® clips:

- Misplacement of the clip at an unwanted place
- Accidental clipping of an instrument to the tissue
- Local complications due to the clip (e.g. luminal obstruction)
- Need for repeat biopsy or for successive lesion resection at the site



Application

Before application the endoscope has to be protected using the remOVE Shield



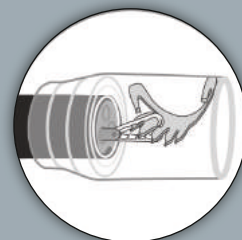
1. Introduce the DC Cutter instrument through working channel and establish contact with the clip. When a continuous acoustic signal occurs, press the foot-activated switch once in order to cut the clip.



2. Repeat the procedure at a point of the clip opposite of the first cut.

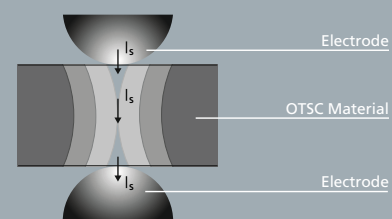


3. Make sure by endoscopic visualization that fragmentation of the clip at two spots has been successfully accomplished by endoscopic visualization.



4. Mount the SecureCap onto the endoscope tip. Use the grasping forceps to pull the clip fragments into the SecureCap and remove it from the patient's body.

DC Current pulse

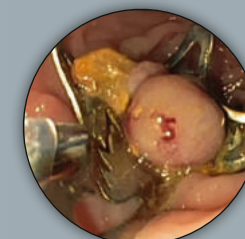


The DC Impulse generator generates a bipolar current pulse. This DC pulse is applied onto the OTSC®/FTRD® clip via the DC Cutter instrument resulting in localized melting and cutting of the clip. The clip is grasped with the DC Cutter instrument preferably at the thinnest parts.

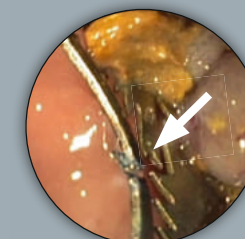
Example: situation after endoscopic full-thickness resection with the FTRD® System in sigma. Clip removal for monitoring.*



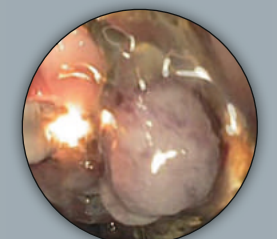
FTRD®-Clip in the sigmoid colon



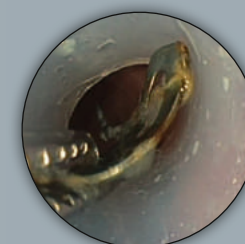
DC Cutter instrument positioned at the clip bow.



The clip is effectively cut.



The clip is cut at a point opposite the first cut.



Extraction of a clip fragment by using the grasping forceps and the SecureCap.



Extracted clip fragments