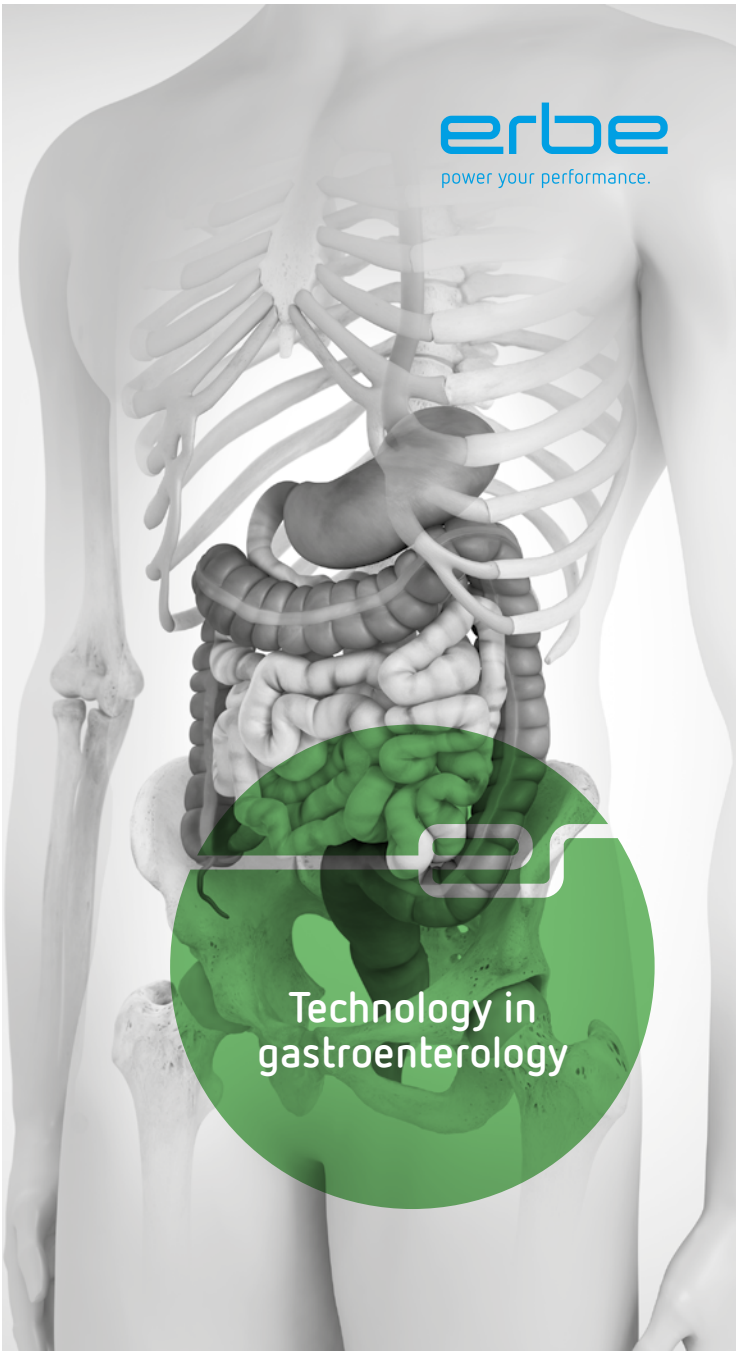
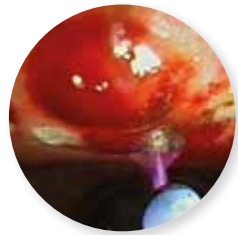


GASTROENTEROLOGY

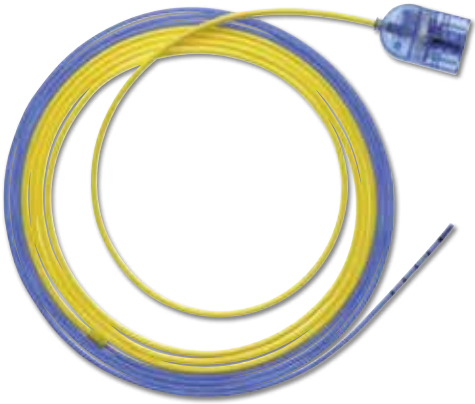
FiAPC®

Plug and play in interventional endoscopy

For the use of APC in Gastrointestinal Tract, we recommend the FiAPC® probe – the new probe with the integrated membrane filter. The integrated filter protects the sterile FiAPC® probe against contamination which may be caused by secretion reflux. FiAPC® probes are available in different versions (lengths, diameters) with axial, lateral and circular argon gas outlets. Erbe FiAPC® probes are compatible with all common flexible endoscope types.



APC for treating chronic bleeding



In the FiAPC® probes, the connecting cable and filter are completely integrated

HybridKnife®

Multi-function instrument for the ESD, POEM or STER

The HybridKnife® is a multifunctional instrument which can be used for such procedures as Endoscopic Submucosal Dissection (ESD), Peroral Endoscopic Myotomy (POEM) and Submucosal Tunneling and Endoscopic Resection (STER). The integrated electrosurgery function and hydrosurgery function are always available. All 4 steps required for ESD - marking, elevation, incision/dissection and coagulation - can be performed without a change of instrument.

Elevation prior to ESD

HybridKnife® T-type
Ø 2.3 mm; length 1.9 m
No. 20150-060

HybridKnife® I-type
Ø 2.3 mm; length 1.9 m
No. 20150-061

HybridKnife® O-type
Ø 2.3 mm; length 1.9 m
No. 20150-062

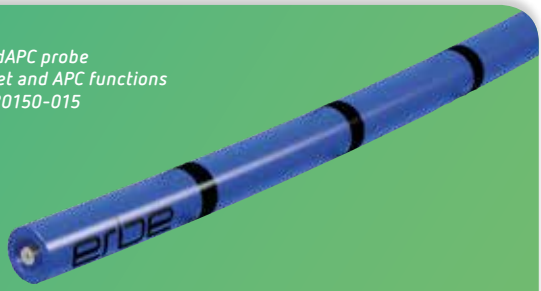
HybridAPC

cost-efficient, protective and effective Barrett's therapy

In HybridAPC, APC is now combined with a waterjet function. The combined instrument allows cost-efficient, protective and effective Barrett's ablation. The technique can be applied for all indications for which thermal ablation is used. Besides the primary therapy of Low-Grade Dysplasias (LGD), HybridAPC can also be used to supplement ESD and EMR for complete ablation of conspicuous epithelium with High-Grade Dysplasias (HGD).

Ablation zone after the APC application

HybridAPC probe with the waterjet and APC functions No. 20150-015



endoCUT® I

Endoscopic papillotomy

The fractionated cutting mode endoCUT® I is used for papillotomies and other applications involving a needle or wire instruments in endoscopy. The cutting and coagulation cycles can be adjusted individually to minimize the risks connected with polypectomies and sphincterotomies, such as the zipper effect (uncontrolled incision into the papilla).

Further informations

- *Brochure: endoCUT® I (Nr. 85800-119)*
- *Watch the video: Papillotomy using endoCUT® I on www.medical-videos.com*

Endoscopic papillotomy using endoCUT® I

Papillotome

endoCUT® Q

Endoscopic polypectomy and endoscopic mucosal resection (EMR)

endoCUT® Q fractionates the cutting process into controlled cutting and coagulation intervals, e.g. for endoscopic polypectomy using a snare and for EMR or ESD using the HybridKnife®. Cutting and coagulation cycles can be adjusted individually to minimize the risks connected with polypectomies, such as bleeding or perforation.

Further informations

- *Brochure: endoCUT® Q (Nr. 85800-117)*
- *Watch the video: Polypectomy using endoCUT® Q on www.medical-videos.com*

Endoscopic polypectomy using endoCUT® Q

Technology platform

VIO® 3, APC 3 und ERBEJET® 2 for gastroenterology

The gastroenterology workstation offers a broad spectrum of electrosurgical applications in endoscopy. In the fully equipped version it consists of the electrosurgical unit (VIO® 3), units for plasma surgery (APC 3) and hydrosurgery (ERBEJET® 2), as well as an endoscopy irrigation pump (EIP 2) used to flush the target region and thus improve visibility.

The workstation's software, hardware, unit modules and the wide range of instruments are configured for flexible endoscopy.

Electrosurgery allows for cutting with minimal application of force, as well as effective coagulation and devitalization of the target tissue in the gastrointestinal tract. Argon plasma coagulation, a special form of electrosurgery, homogenously staunches bleeding and devitalizes tissue lesions without any direct contact between the instrument and tissue.

The waterjet function separates layers, lifts them apart and forms a thermal protective cushion. The HybridKnife® and HybridAPC, both combination instruments, integrate these functions in one instrument and can be used alternately at any time.

Gastroenterology workstation with VIO® 3, APC 3, ERBEJET® 2 and EIP 2

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 2018-08 85110-124 non-US only