Habib™ EndoHPB Bipolar

Radiofrequency Catheter

Boston Scientific

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Expanded Indication and Availability

Boston Scientific is pleased to announce the expanded indication and availability of the **Habib™ EndoHPB Bipolar Radiofrequency Catheter**, a technology recently acquired from EMcision Limited. The expanded indication makes this device the **only RF ablation catheter indicated for tissue ablation in the pancreaticobiliary tract**. The Habib EndoHPB is also intended for use to ablate malignant or benign tissue, notably to perform endoscopic biliary drainage or decompression, prior to stent placement or afterwards, to clear an occluded stent. Despite its limited distribution to date, this device has helped thousands of patients with difficult-to-treat cancers for whom surgery is not an option.

Advancing care for pancreatico-biliary diseases is at the core of what we do at Boston Scientific for over 2 decades. Adding this innovative device to our portfolio enables increased access to this technology and provides an additional and potentially less invasive palliative treatment option for patients living with cancers of the pancreatico-biliary tract. We offer ongoing customer support through device training, coding and reimbursement education. We also support investigative research that provides clinical evidence for today's technologies and helps inform tomorrow's patient care.tomorrow's patient care.
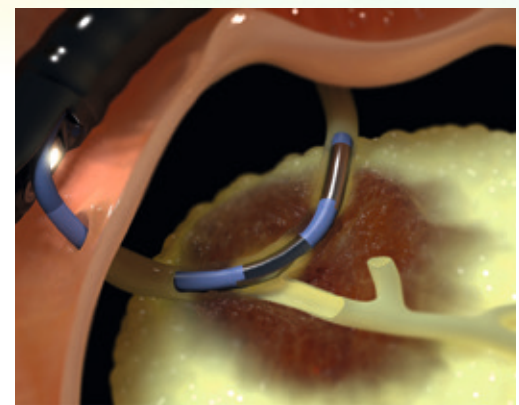
Coagulation above the biliary bifurcation and at the ampulla

Device Overview and Specifications

The Habib EndoHPB Catheter is a radiofrequency (RF) device provides bipoliar engery to perform partial or complete ablation of tissue in the pancreatic and biliary tracts.

Device Specification	Intended Benefits
180 cm useable length, 8Fr (2.7mm) diameter	Enables biliary access through a 3.2 mm working channel duodenoscope
2.8 mm stainless steel ring electrodes	Produces an ablation zone 25 mm $\pm$ 3 mm long by 9 mm $\pm$ 2 mm wide[1]
Compatible with commonly available RF generators and endoscopes with a working channel of 3.2 mm or greater	Does not require the purchase of dedicated capital equipment
Bipolar RF Device	Use of adapter cable enable bipolar RF ablation and avoids the need for electrode grounding pads

Highlights of Published Clinical Data

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Provides prolonged metal stent patency from an average of 8.4 months to 9.5 months[2]

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The Habib EndoHPB provides an option to restore biliary drainage in patients who may outlive the patency of their metallic biliary stents.[3]

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Data shows that RFA with the Habib EndoHPB for occluded SEMS significantly improved mean stent patency time compared to plastic stent insertion.[3]

Product Codes

UPN	Description	Generator
M00500070	Habib Endo HPB Bipolar Radiofrequency Catheter	N/A
5100	Adapter Cable Bipolar, 28 mm pins	KLS Martin Maxium, Olympus ESG-100
5420	Adapter Cable Bipolar, Internal 4 mm pin	Erbe ICC200, ICC300, ICC350, Erbe Vio 200 or 300 (D/S), Genii GI 4000
5700	Adapter Cable Bipolar, 22mm spacing	Erbe Vio 3, Erbe ICC200, ICC300, ICC350, Erbe Vio 200 or 300 (D/S)

Sources
1. Conducted in bench test at 10W for 90s. Bench test data on file and are not representative of clinical results.
2. Liang, H. et al, "Metal Stenting with or without Endobiliary Radiofrequency Ablation for Unresectable Extrahepatic Cholangiocarcinoma",
   Journal of Cancer Therapy, October 2017.
3. Kadayifci A. et al., Endoscopy 2016;48:1096-1101

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