

Habib™ EndoHPB



## OUR COMPANY

APR Medtech is a specialist independent medical technology company providing high quality medical devices and support services to the NHS and private healthcare sector.

Our products offer intelligent clinical solutions designed to help advance healthcare and improve patient outcomes. Our extensive experience within the healthcare industry, deep knowledge of the clinical areas in which we work and a genuine passion for what we do, ensures the delivery of real value to our customers.

## SERVICE AND SUPPORT

One of the key elements of our customer support service is product training. We want to be sure that our products are always used in the optimal way to the benefit of both our customers and their patients.

If you would like one of our team to visit, either to attend a procedure or run a training session on one of our products, then please get in touch. We will be more than happy to oblige.

## GET IN TOUCH

For additional information please call us on [01844 340 620](tel:01844340620) or email [info@aprmedtech.com](mailto:info@aprmedtech.com)

Additional information is also available on our website: [www.aprmedtech.com](http://www.aprmedtech.com)

Follow us on Twitter [@aprmedtech](https://twitter.com/aprmedtech) 



# Habib™ EndoHPB

## RFA FOR THE MANAGEMENT OF MALIGNANT BILIARY OBSTRUCTION

The Habib™ EndoHPB is a novel endoscopic bipolar radiofrequency (RF) catheter used to ablate tissue in the gastrointestinal tract, including the bile ducts. Used by the endoscopist, it allows partial destruction of the tumour prior to stent insertion which can result in longer stent patency. The device can also be used to clear obstructed metal stents.

### PRODUCT OVERVIEW

The Habib™ EndoHPB has an 8Fr (2.7mm) diameter, 180cm useable length and two stainless steel electrodes at the distal tip.

It is compatible with endoscopes that have a working channel of 3.2mm or greater, and is a single-use device.

The safety and efficacy of biliary RFA using the Habib™ EndoHPB has been established by a growing number of publications in medical journals.

To date, the device has been successfully used to treat thousands of patients throughout the world.



11,000+ Habib™  
EndoHPB catheters  
sold worldwide<sup>1</sup>

Safety and efficacy  
demonstrated in  
more than 20  
published clinical  
articles<sup>2</sup>

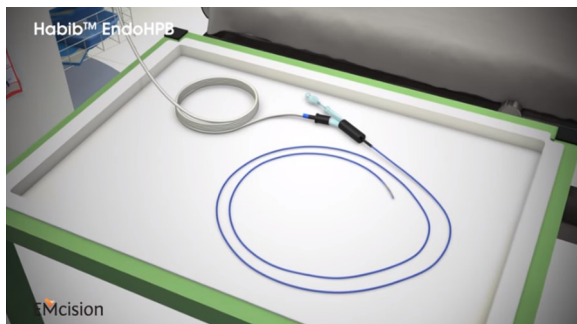
Compatible with  
commonly used RF  
generators (inc. Erbe,  
Olympus)

CE marked &  
FDA 510(k)  
approved

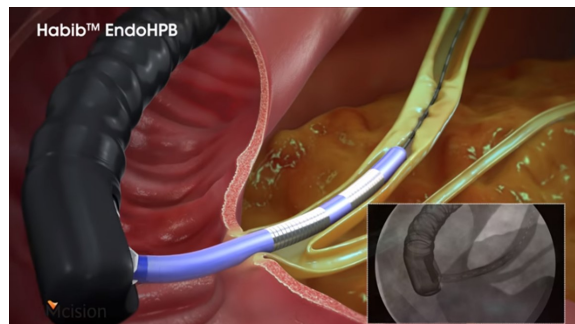
1. Data on file with Emcision Ltd  
2. Full list available online at [www.aprmedtech.com](http://www.aprmedtech.com)

# HABIB™ ENDOHPB

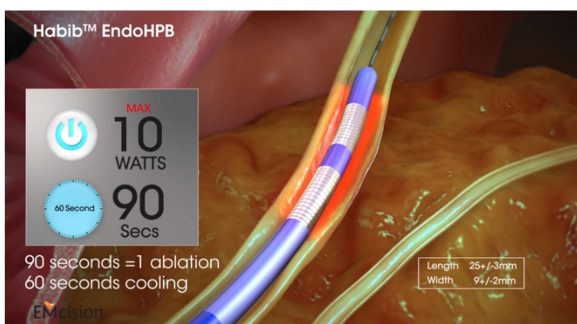
## TREATING PRIMARY STRICTURES



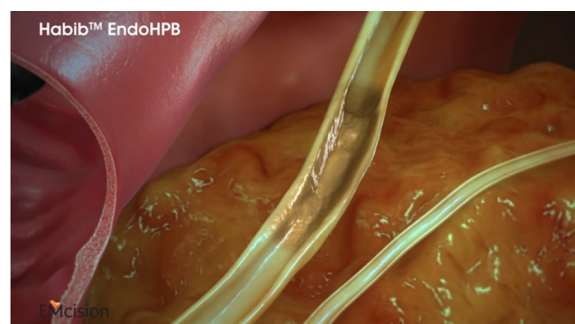
The Habib™ EndoHPB connects to commonly used RF generators using a special adaptor cable.



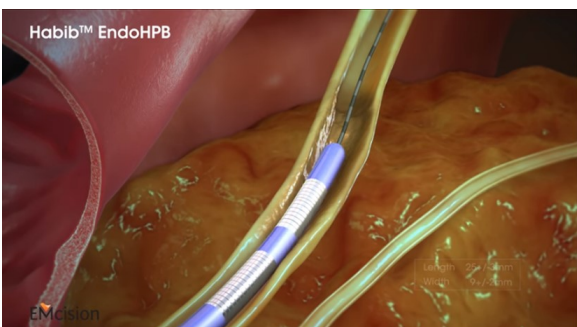
Using X-ray guidance the probe is placed over a 0.035" guidewire and its two electrodes positioned at the site of the stricture.



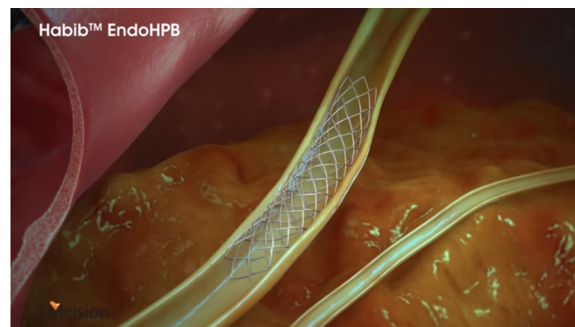
Energy is applied causing tissue necrosis, or cell death at the target site.



The stricture is cleared, allowing free flow of bile.



Reposition and repeat as needed to cover the full stricture.

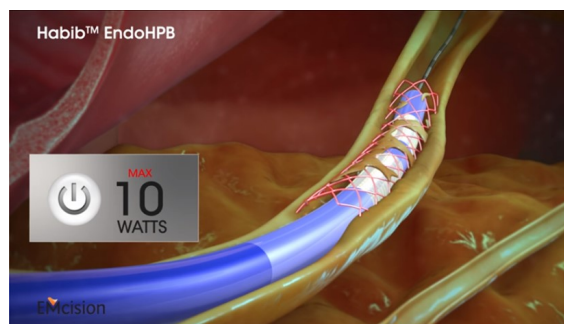


Stent placement post ablation is essential.

## TREATING OCCLUDED SEMS



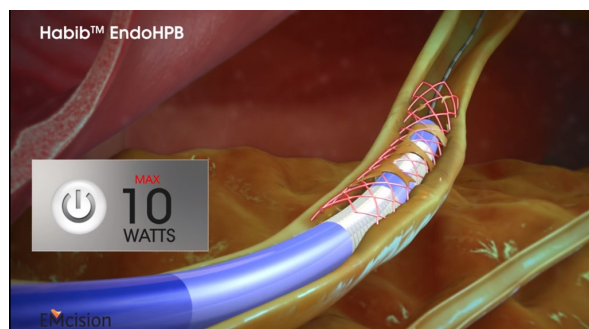
Another application of the device is to clear metal stents that have become blocked by overgrown tissue.



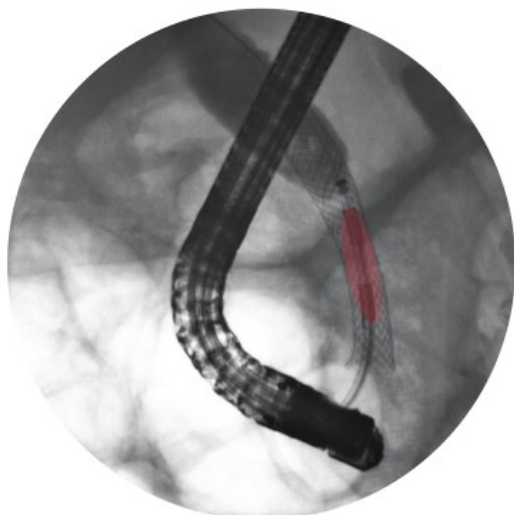
Ablation is performed in the same way as for primary stricture treatment.



This time an inflated balloon is passed afterwards performing debridement to clear away the dead tissue.



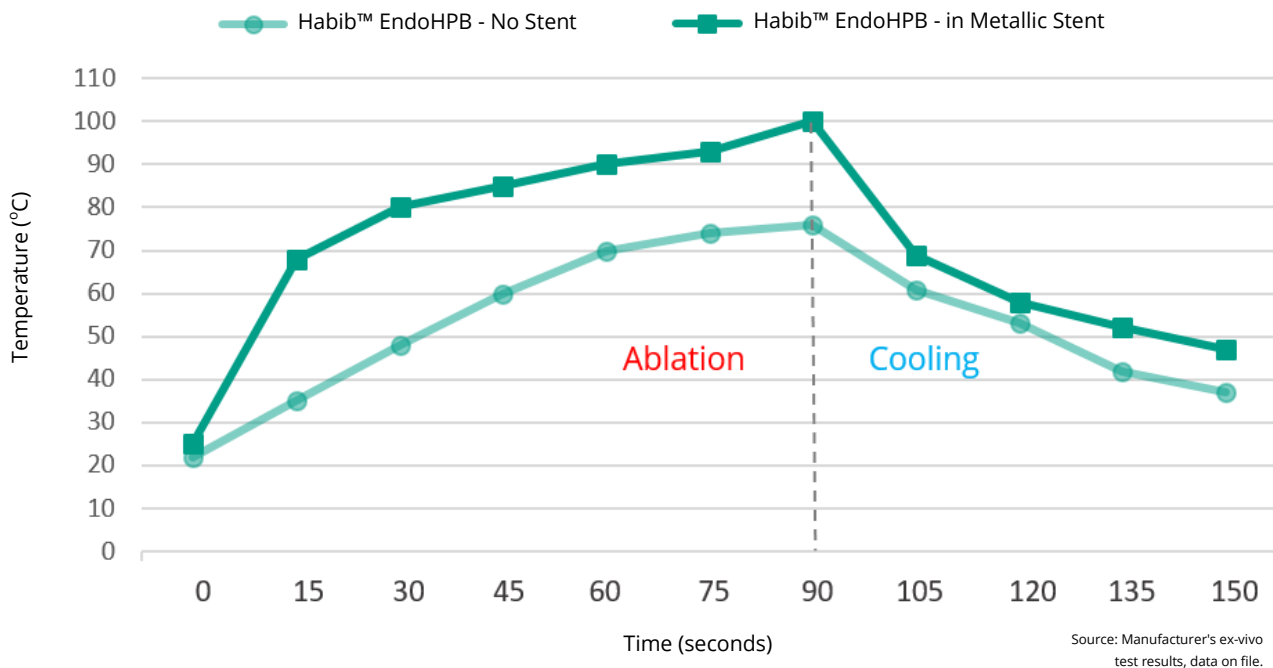
If required, the balloon catheter may be exchanged with the Habib™ EndoHPB and RF reapplied.



Clearance of an obstructed SEMS with the Habib™ EndoHPB



## TEMPERATURE EVOLUTION



### Habib™ EndoHPB - No Stent

The temperature evolution was determined from 50 ablations with the generator set at 10 watts. The thermocouple probe was placed between the distal electrode and the tissue.

### Habib™ EndoHPB - in Metallic Stent

The temperature evolution was determined from 15 ablations with the generator set at 10 watts. The thermocouple probe was placed between the distal electrode and the metallic stent.

## ORDERING INFORMATION

Product code	Description	Size (Fr)	Length (cm)	Box qty
6800	Habib™ EndoHPB Catheter	8Fr	180	1
3700	Habib™ Percutaneous HPB Catheter	8Fr	90	1

## GENERATOR AND ADAPTOR CABLE SET-UP

The Habib™ EndoHPB can be used with a range of commonly available RF generators. The purchase of a corresponding adaptor cable is required. Please contact APR Medtech for further information.

For additional information, or to order one of our products, please call us on  
01844 340 620 or email [info@aprmedtech.com](mailto:info@aprmedtech.com)

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[@aprmedtech](https://twitter.com/aprmedtech)

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