

# Habib™ EUS RFA

For Therapeutic  
Echoendoscopy



The Habib™ EUS RFA is a novel monopolar catheter used to cauterize and coagulate tissue. Access deep parenchymal lesions in abdominal organs through an echoendoscope and biopsy needle, or through the biopsy channel of an endoscope, laparoscope or trocar.

The Habib™ EUS RFA is a 1 Fr wire (0.33 mm, 0.013") which has a working length of 220 cm. Radiofrequency power is applied to the 20 mm electrode at the end of the wire to cauterize or coagulate tissue. It is a monopolar device and requires the use of a patient grounding / diathermy pad.

The Habib™ EUS RFA is CE marked and can be used with a range of commonly available RF generators. It can be used with 19 gauge needles or ports/trocars designed for use with 0.014" guidewires.

Regardless of the preferred approach, the Habib™ EUS RFA is designed for simple and flawless integration into the clinical routine, and will not require the acquisition of expensive capital equipment.

## EUS

For cauterization and coagulation of soft tissue in abdominal organs. Optimized for maneuverability and accessibility. Quickly reach and treat the target lesion in a few simple steps.

1. Patient should be prepared for the endoscopic ultrasound scan (EUS) biopsy as per standard hospital protocol. Identify the target tumour with EUS. Apply a patient grounding / diathermy pad.
2. Under EUS control, introduce the EUS biopsy needle into the target tumour and remove the stylet.
3. Introduce the Habib™ EUS RFA and push to the end of the biopsy needle.
4. Withdraw the biopsy needle by 2-3 cm in order to disengage contact with the active part of the Habib™ EUS RFA and apply RF energy.
5. Repeat as needed to treat the desired area.



Image of a 73-year-old woman with a mucinous cyst in the body of pancreas who underwent a successful radiofrequency ablation with the Habib™ EUS RFA.

## Laparoscope / NOTES

For surgical ablation of soft tissue in abdominal organs via a laparoscope or NOTES. Use monopolar energy dispersion to easily access target tissue requiring deep necrosis penetration. Just a few quick and simple steps to treat the target lesion.

1. Apply a patient grounding / diathermy pad and introduce the endoscope via the natural orifice or via a laparoscope, and manoeuvre to the target area which is to be treated.
2. Advance the Habib™ EUS RFA and introduce it through the tumour until target impedance change or tissue blanches.
3. Retreat as necessary to obtain desired results.

## PUBLICATIONS

Pai M et al, Endoscopic ultrasound guided radiofrequency ablation, for pancreatic cystic neoplasms and neuroendocrine tumors, WJGS 2015, 7(4):52-9

Jin ZD, Wang L, Li Z, Endoscopic ultrasound-guided celiac ganglion radiofrequency ablation for pain control in pancreatic carcinoma, Dig Endosc 2015, 27(1):163-4

Sethi A, Ellrichman M, Dhar S et al, EUS-guided lymph node ablation with a novel radiofrequency ablation probe: feasibility study in a porcine model, Endoscopy 2014, 46(5):411-5

Gaidhane M, Smith I, Ellen K et al, Endoscopic Ultrasound-Guided Radiofrequency Ablation (EUS-RFA) of the Pancreas in a Porcine Model. Gastroenterology Research and Practice 2012; Epub 2012 Sep 20.

**PRODUCT NUMBER**  
6700

**FDA STATUS**  
510(k) Cleared - Class II

**SPECIFICATIONS**  
1Fr, Useable Length 220cm

**CE STATUS**  
Cleared - Class IIb

**SHELF LIFE**  
3 Years

**REQUIRED ACCESSORIES**  
EMcision generator adapter cable

**IMPORTANT** Prior to use, refer to Instructions for Use supplied with the device for complete instructions, indications, contraindications, adverse effects, suggested procedure, warnings, and precautions.