

Live in the box

Paroxysmal atrial fibrillation ablation



AP-HP.
Sorbonne
Université



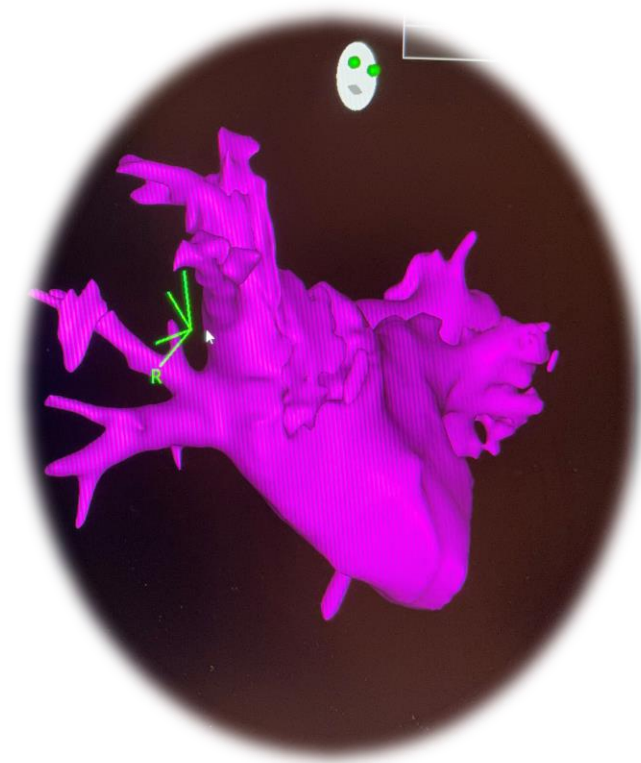
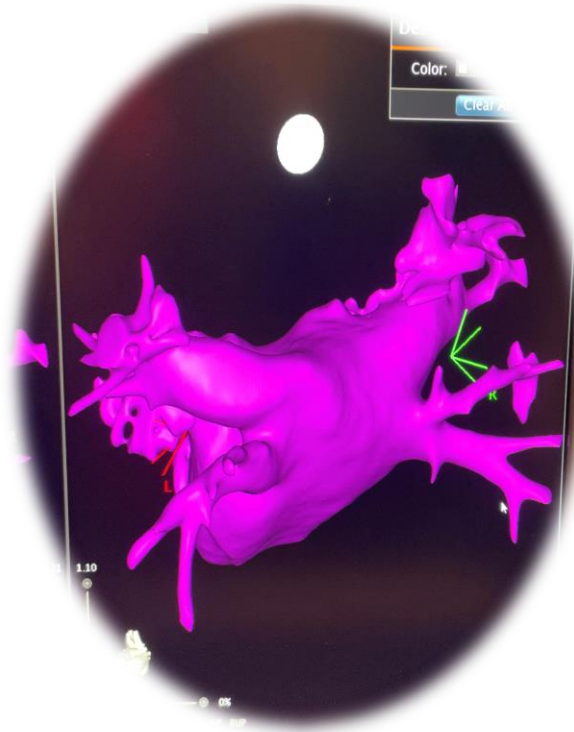
Farapulse field technical specialist
Justine Renaudat
Simon Trahais



Cardiac electrophysiologist
Sylvie Dinanian
Xavier Waintraub

Obtain a left atrium CT scan

J-5



General anesthesia in the Cath Lab

Pulsed Field Ablation of Paroxysmal Atrial Fibrillation

1-Year Outcomes of IMPULSE, PEFCAT, and PEFCAT II

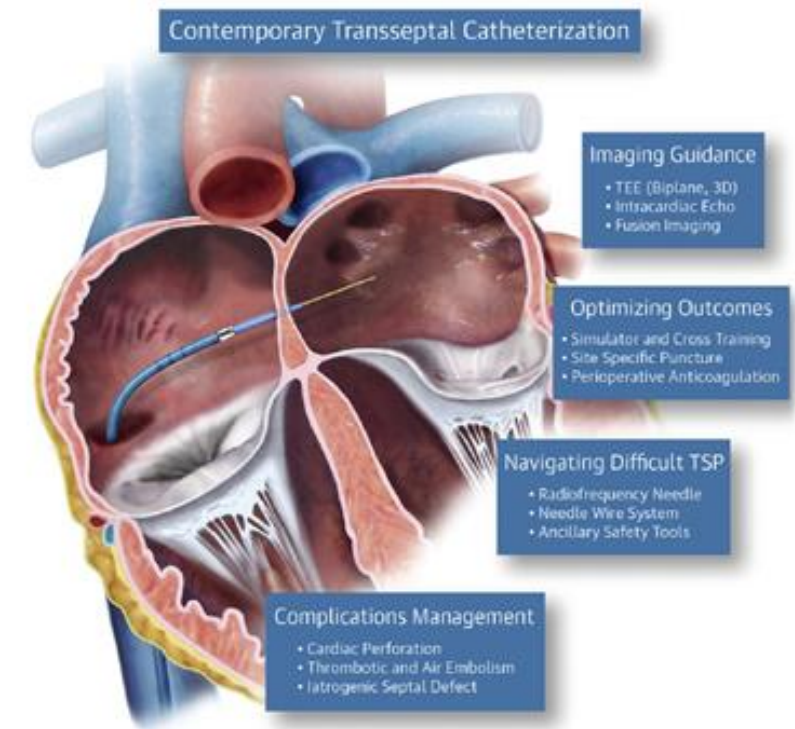
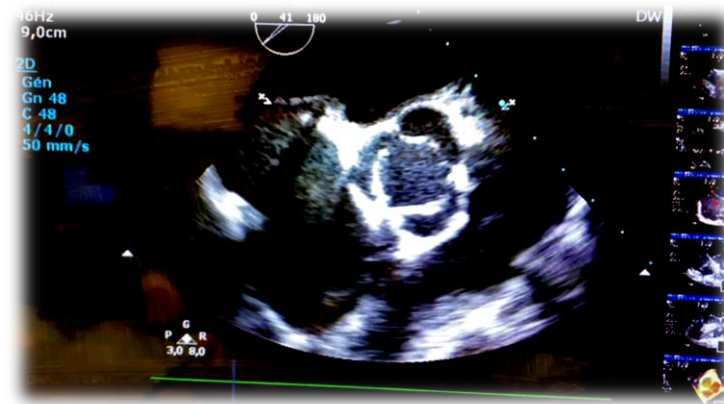
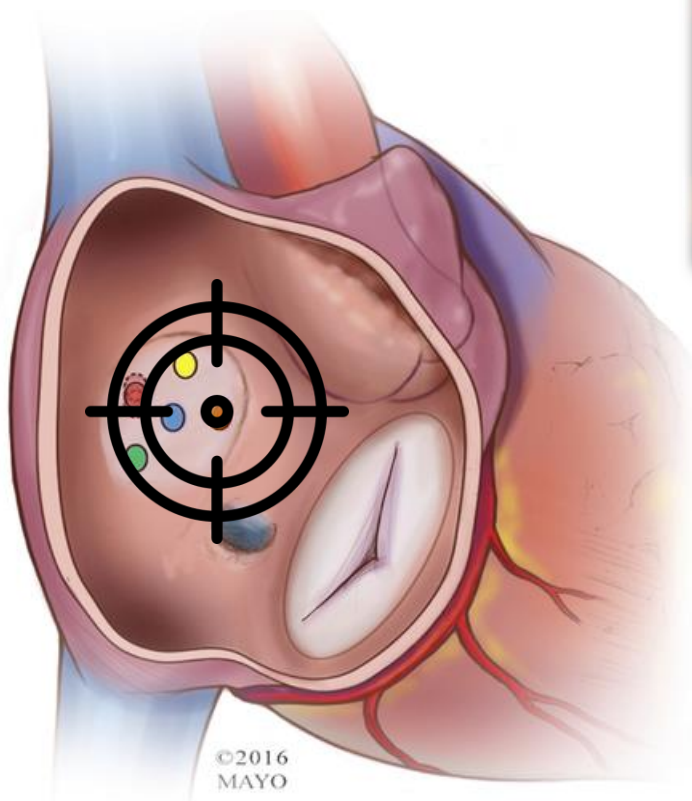
Vivek Y. Reddy, MD,^{a,b} Srinivas R. Dukkupati, MD,^b Petr Neuzil, MD, PhD,^a Ante Anic, MD,^c Jan Petru, MD,^a Moritoshi Funasako, MD,^a Hubert Cochet, MD, PhD,^b Kentaro Minami, MD,^a Toni Breskovic, MD, PhD,^c Ivan Sikiric, MD,^c Lucie Sediva, MD,^a Milan Chovanec, MD,^a Jacob Koruth, MD,^b Pierre Jais, MD^d

- 105 patients conscious sedation with bPohasic optimised waveform
- 16 patients monophasic waveform general anesthesia

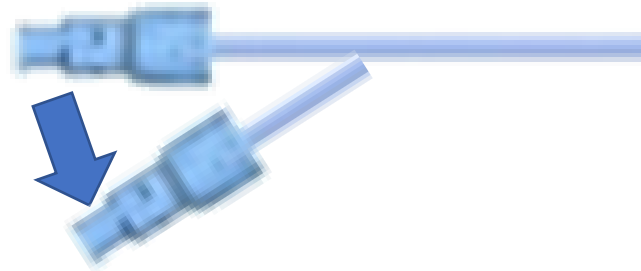
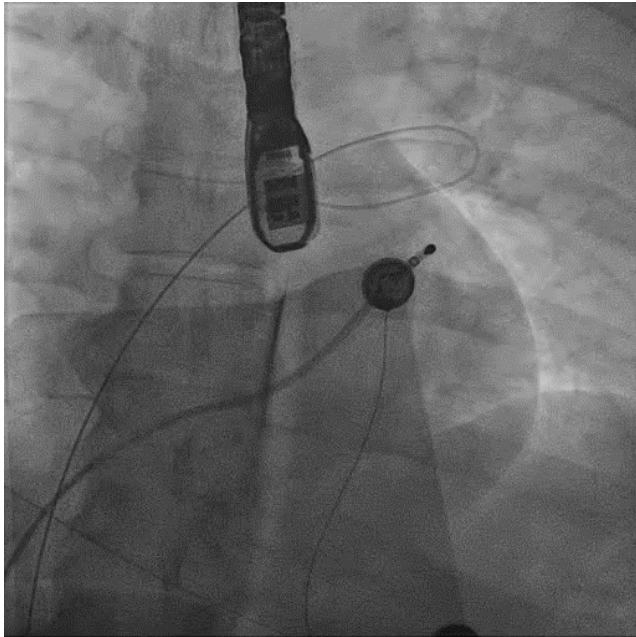


Cardiac anesthesiologist
Nima Djavadi

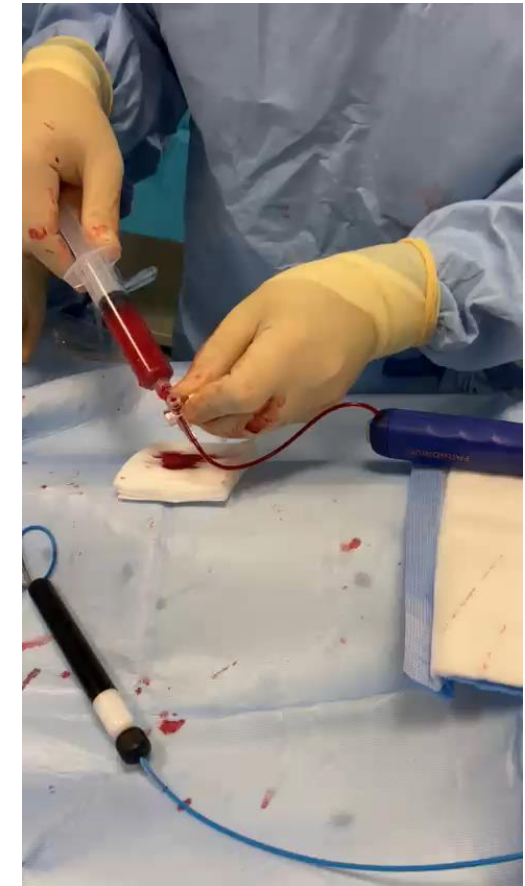
Transseptal puncture under transoesophageal guidance



Faradrive in the left atrium



Heparin !

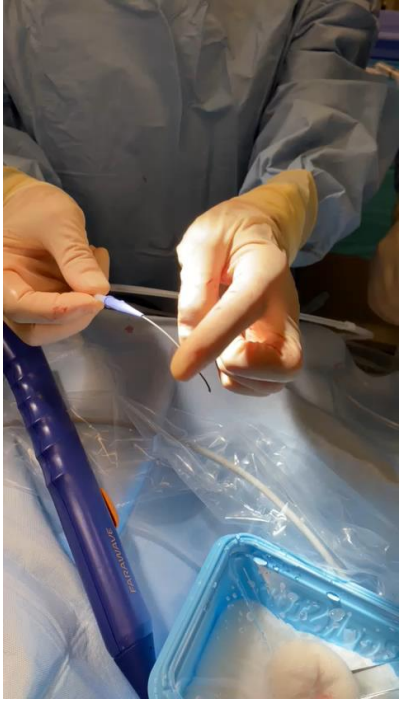


Farawave preparation

FARAWAVE™
Pulsed Field Ablation Catheter



Farawave preparation



Extra stiff J shape wire
With floppy extremity

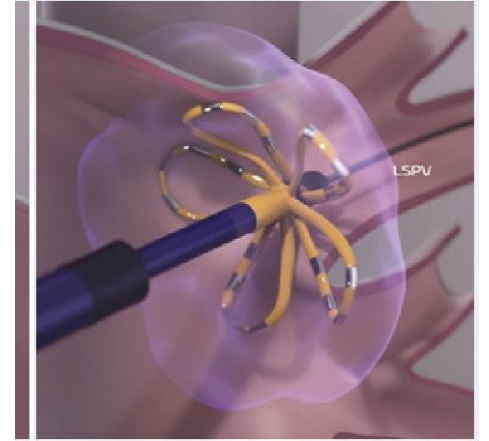


Farawave test over the wire

Balloon and flower shape

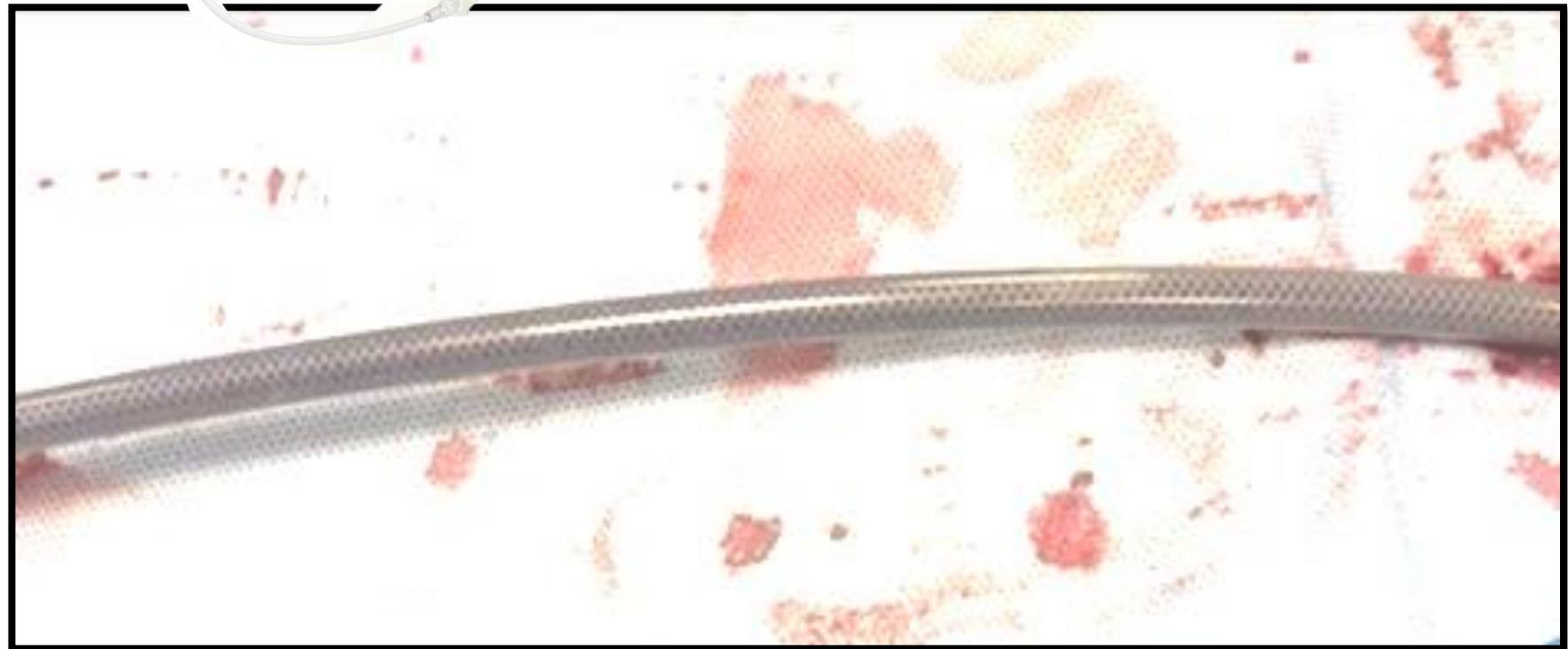
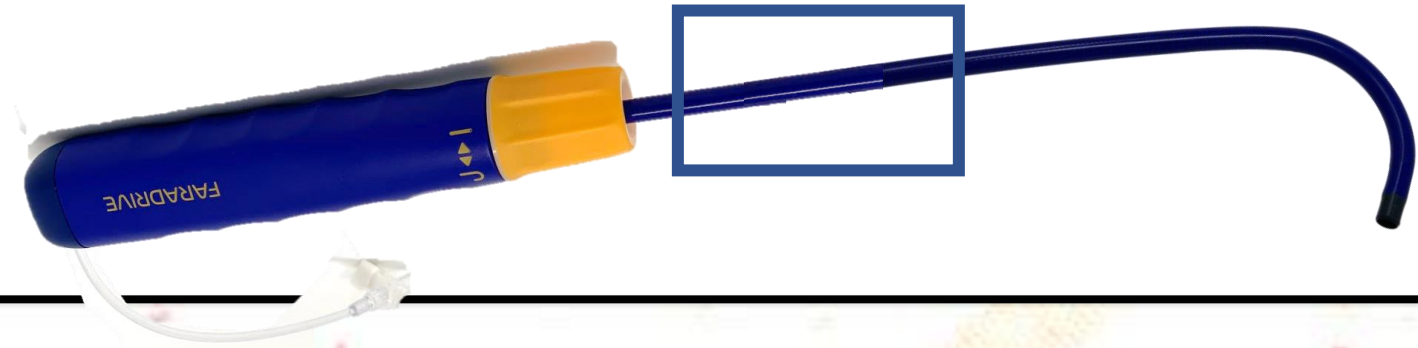


Farawave preparation



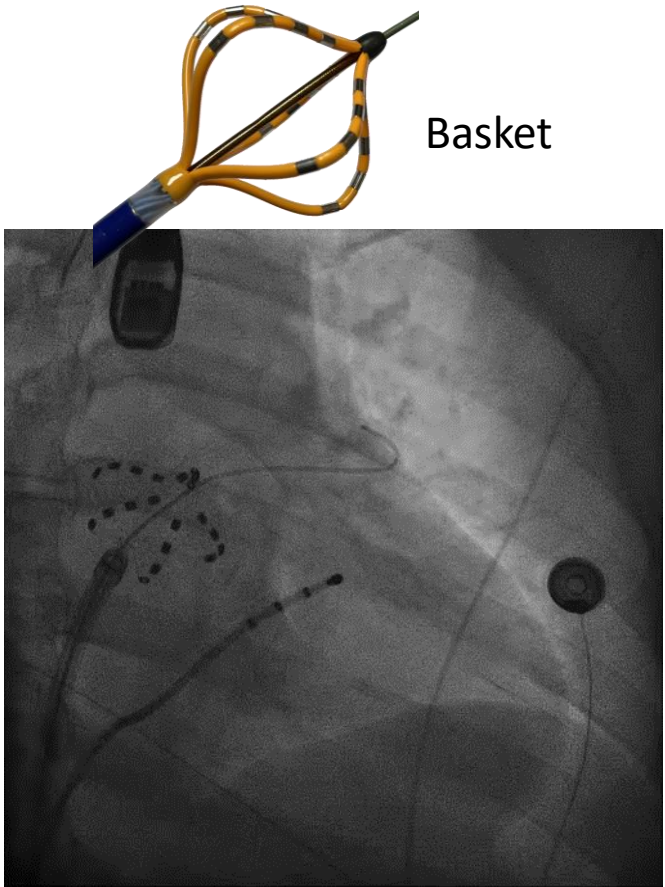
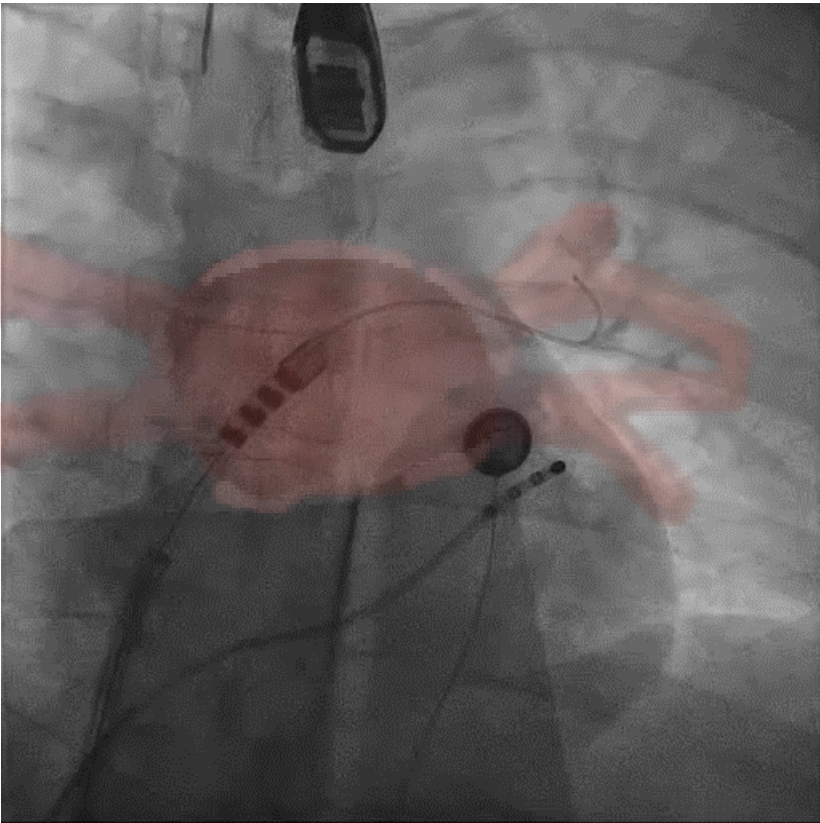
Farawave introduction

- Introduce about 10-15 cm over the wire in the sheath
-  Aspire the bubbles !



Farawave in the left atrium

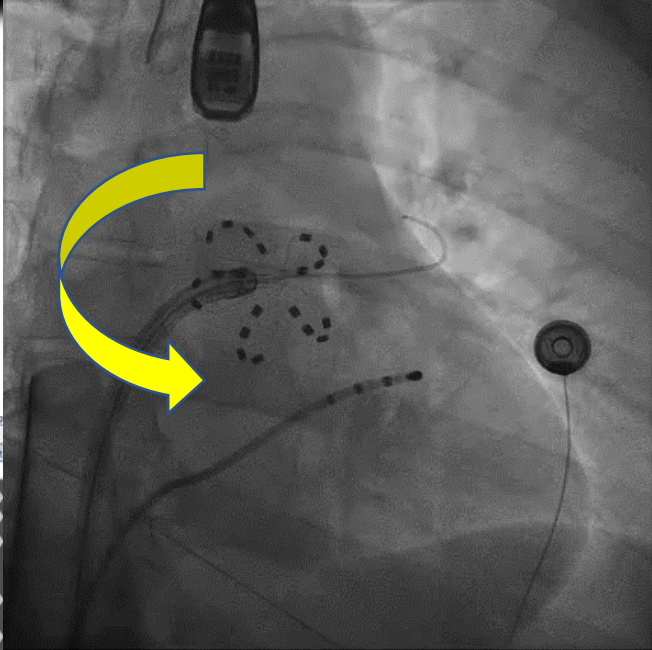
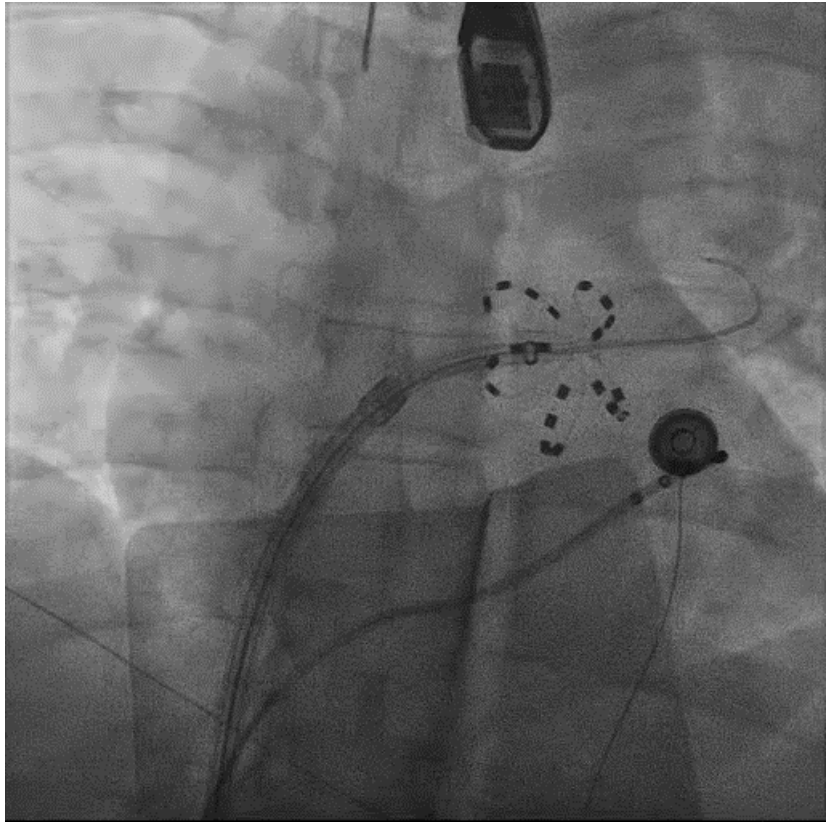
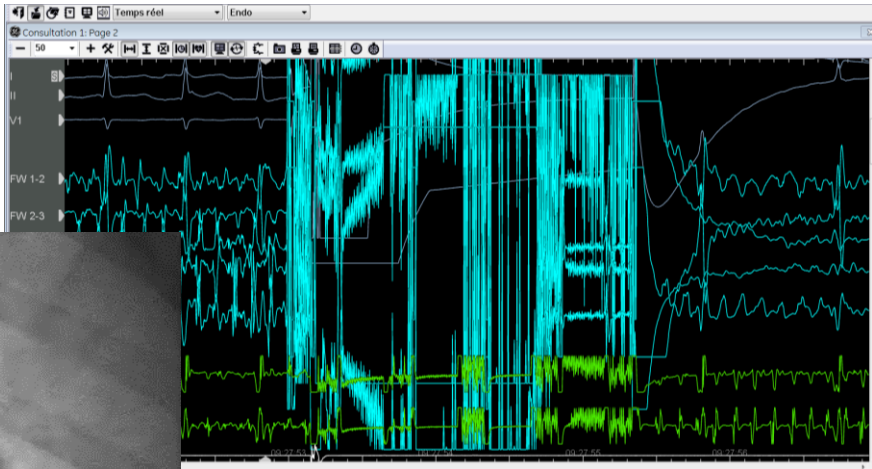
Left superior pulmonary vein



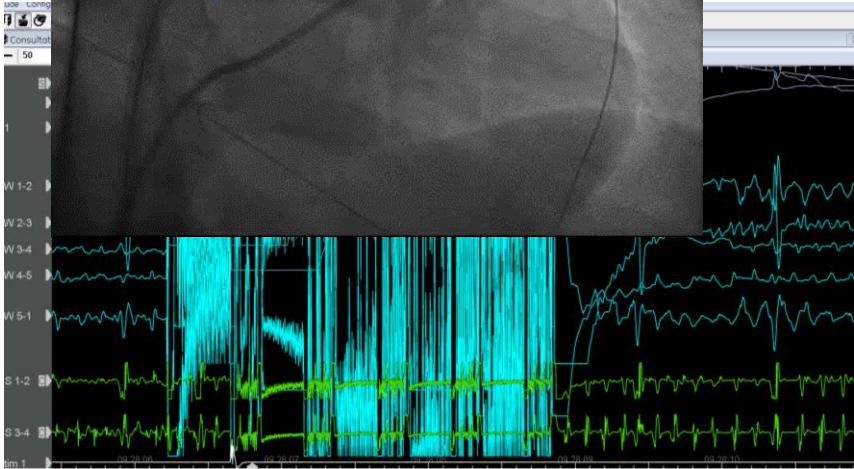
Farawave – left superior pulmonary vein



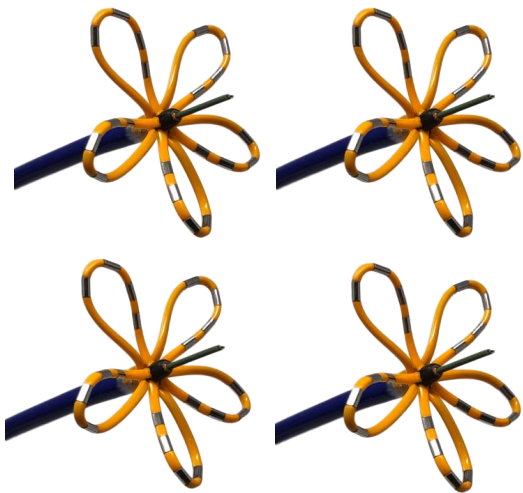
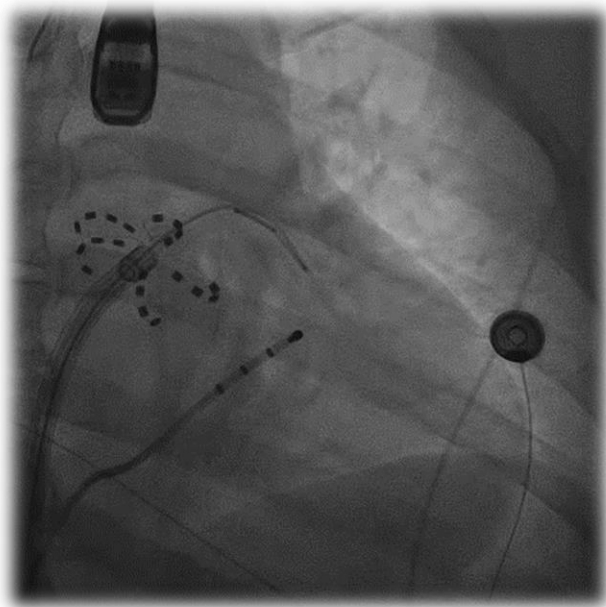
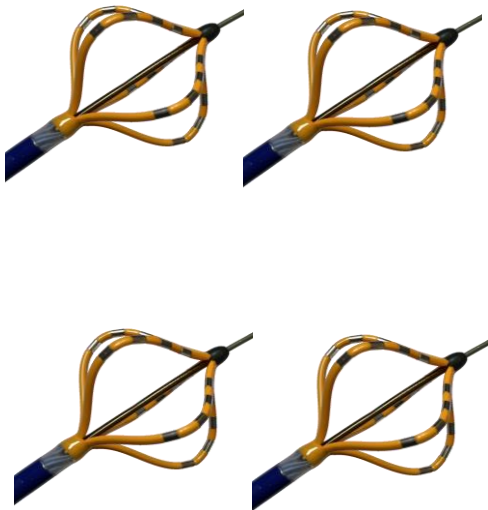
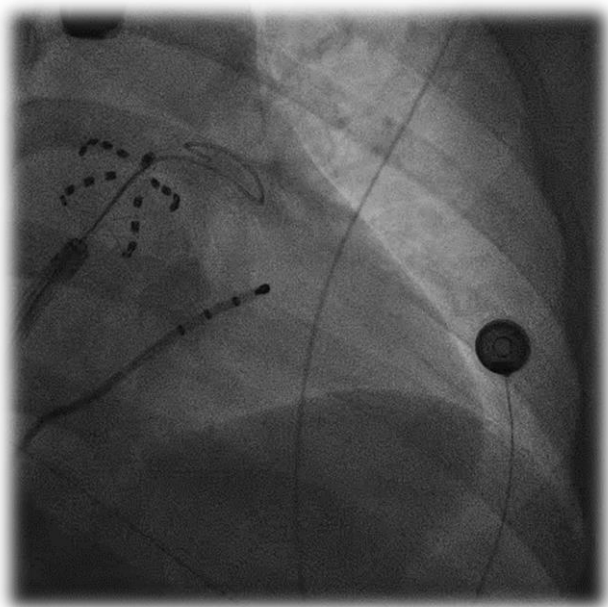
Flower



Application !



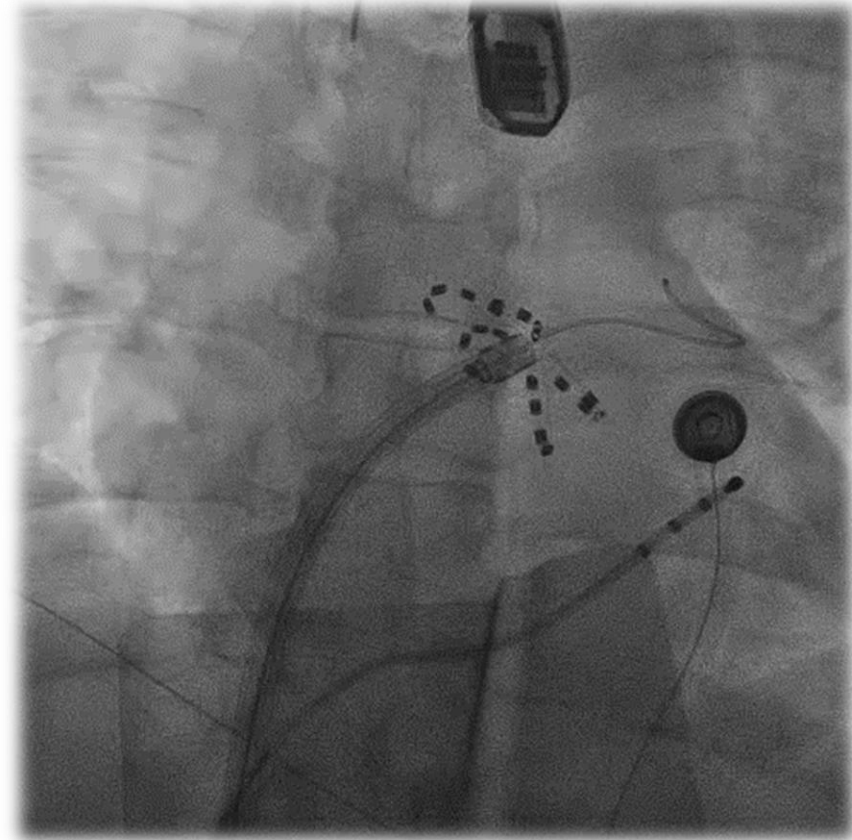
Farawave – left inferior pulmonary vein



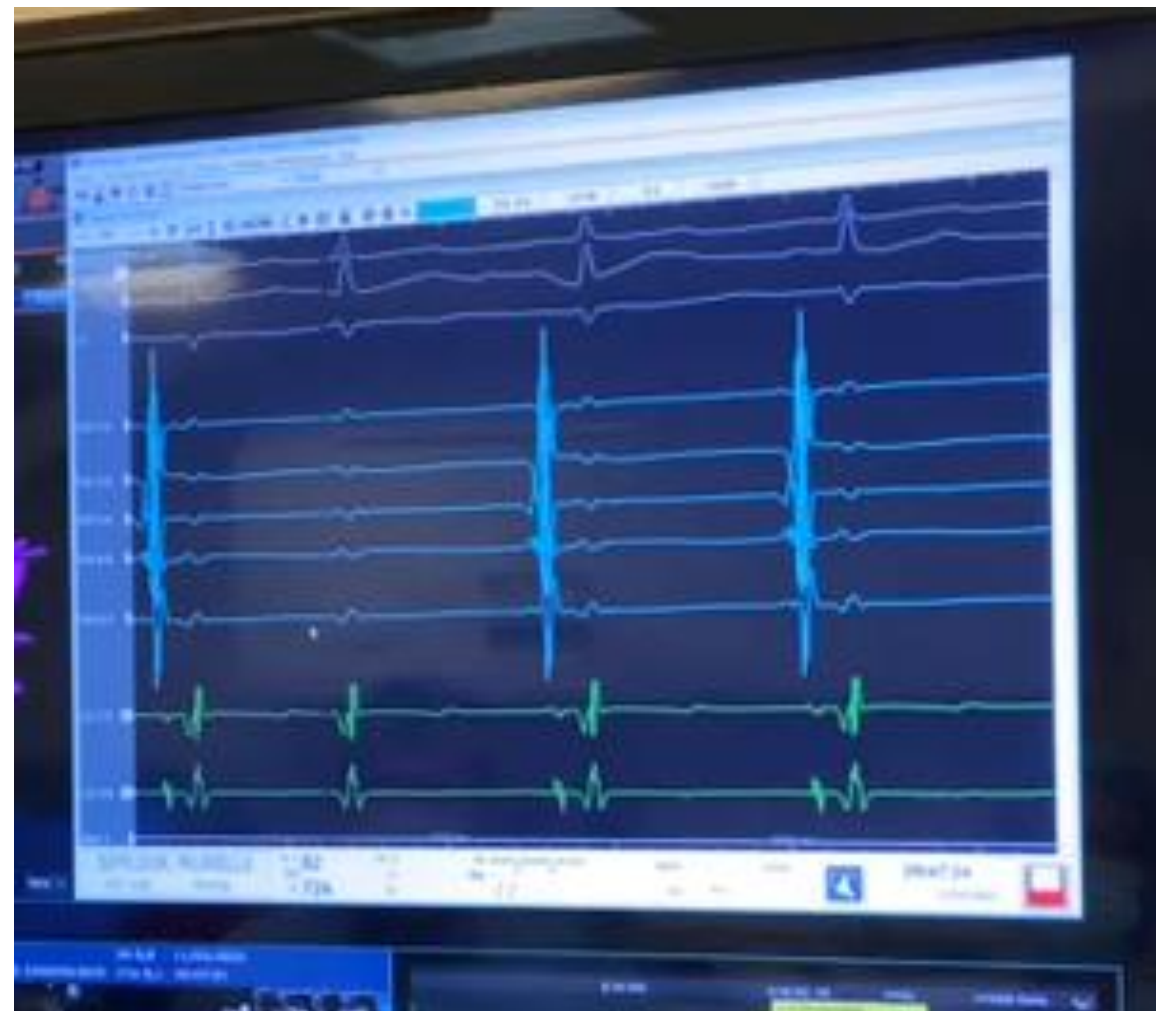
Farawave – right inferior pulmonary vein

Moving for left to right

- Direct approach by bending the sheath and turning posterior
- Flower position bending the sheath and turning posterior

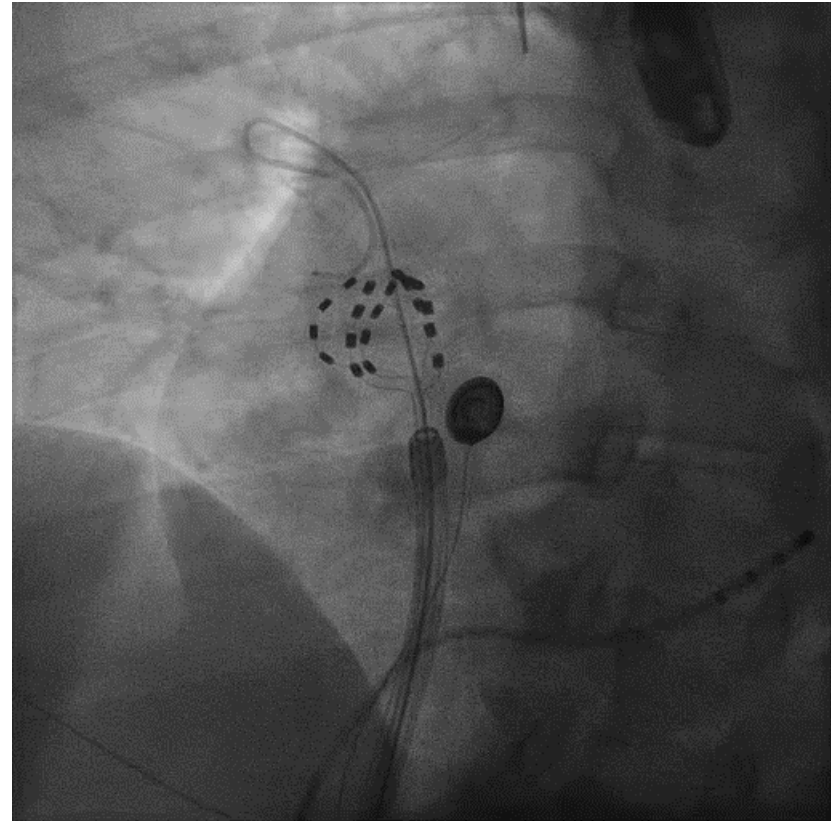
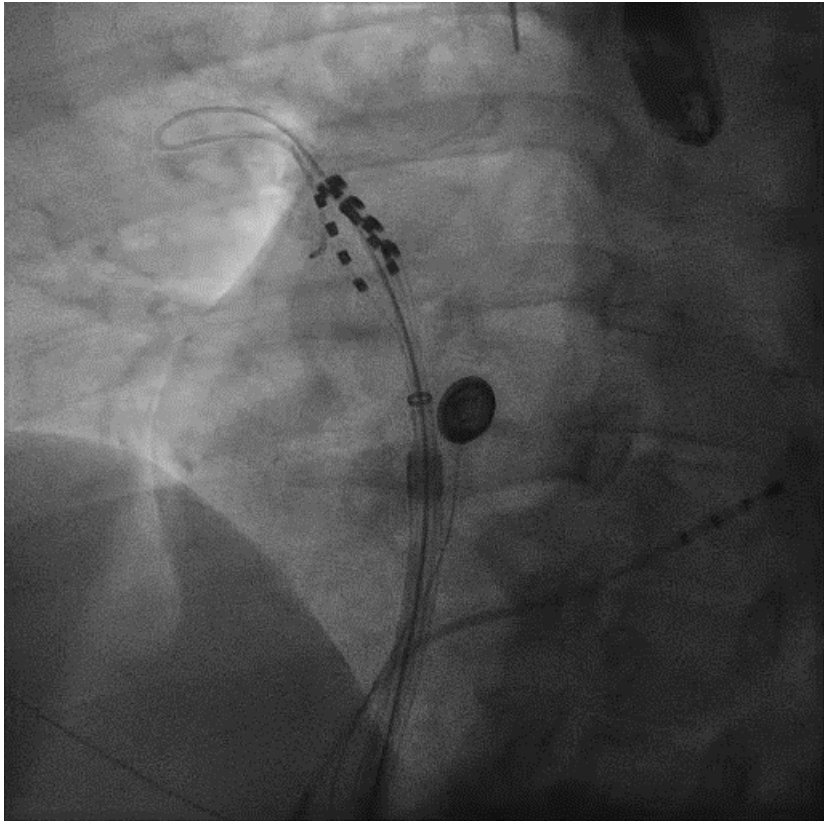


inferior pulmonary vein

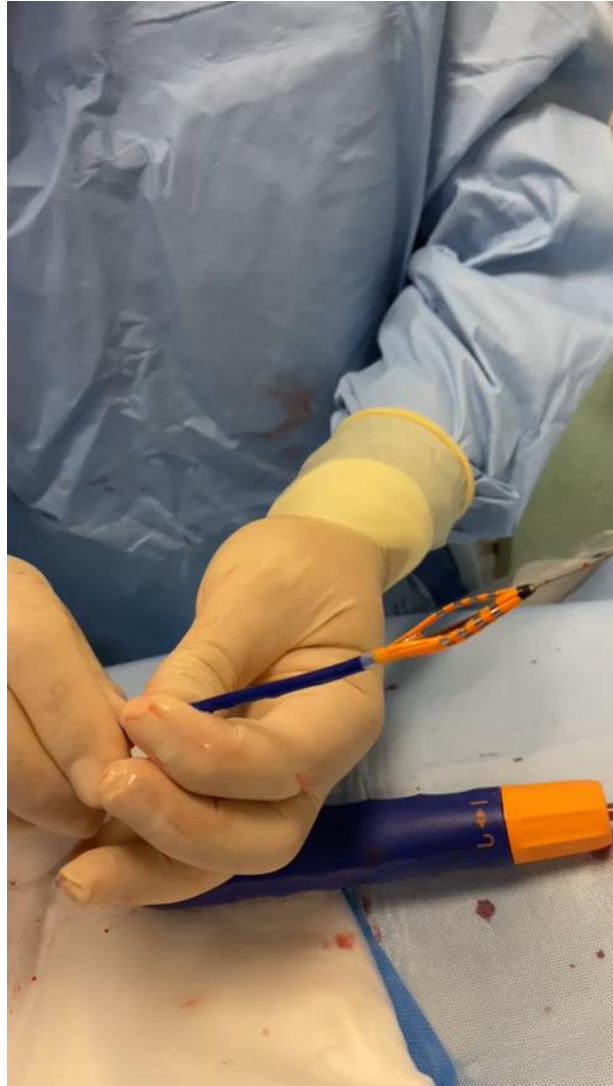


Farawave – right inferior to superior

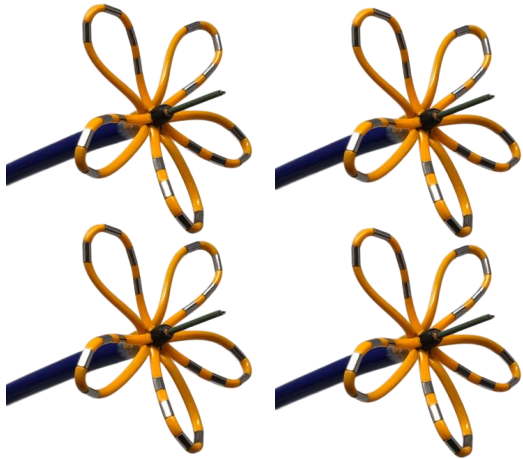
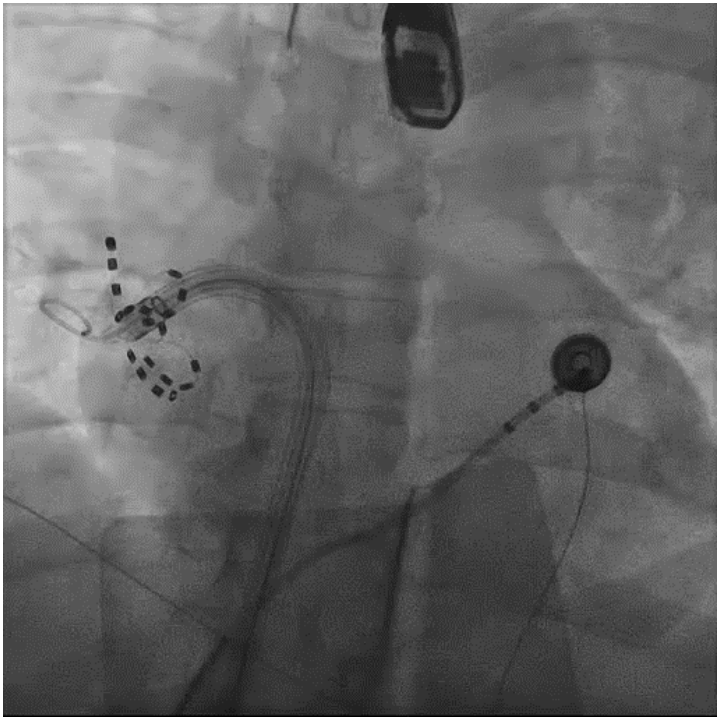
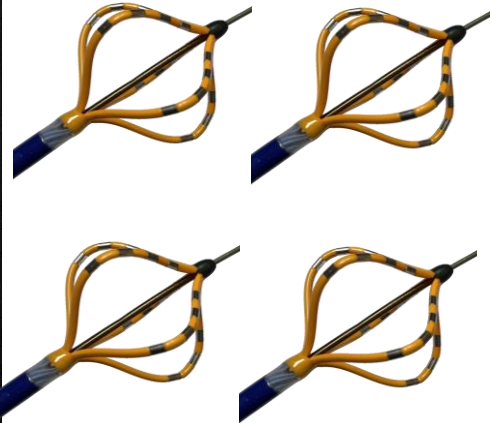
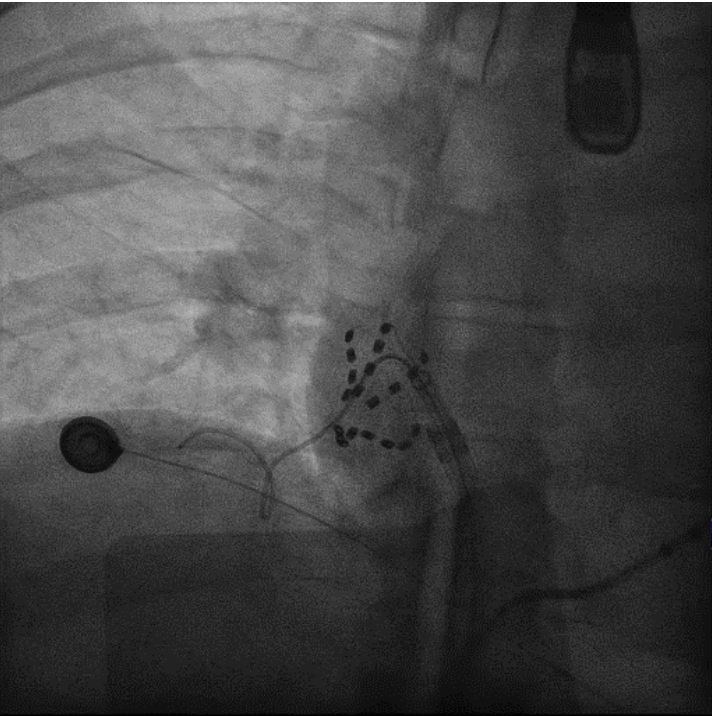
We didn't manage to switch from flower to basket in the RIPV



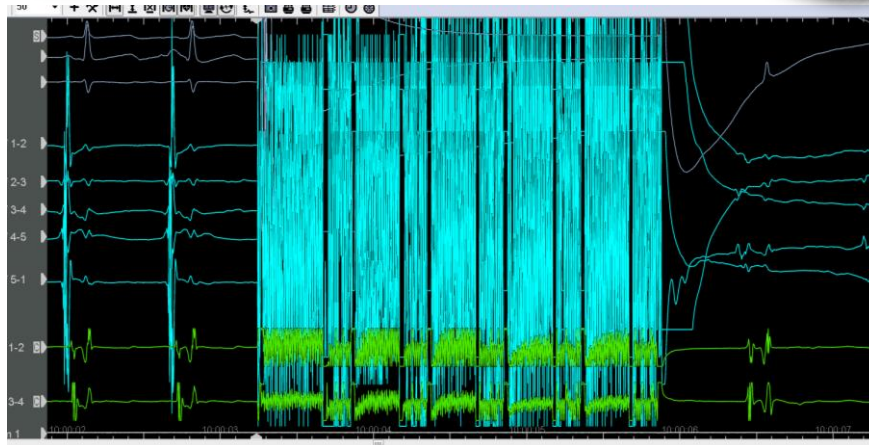
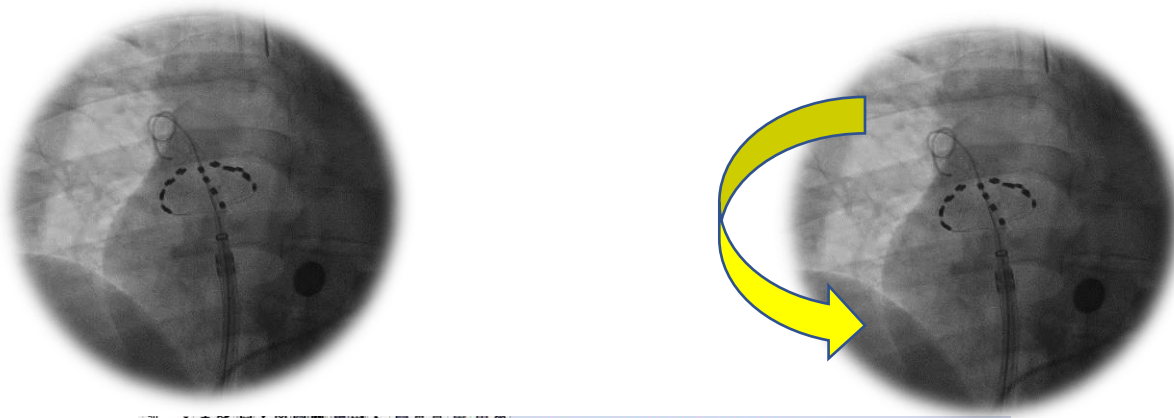
Farawave – inverted spline



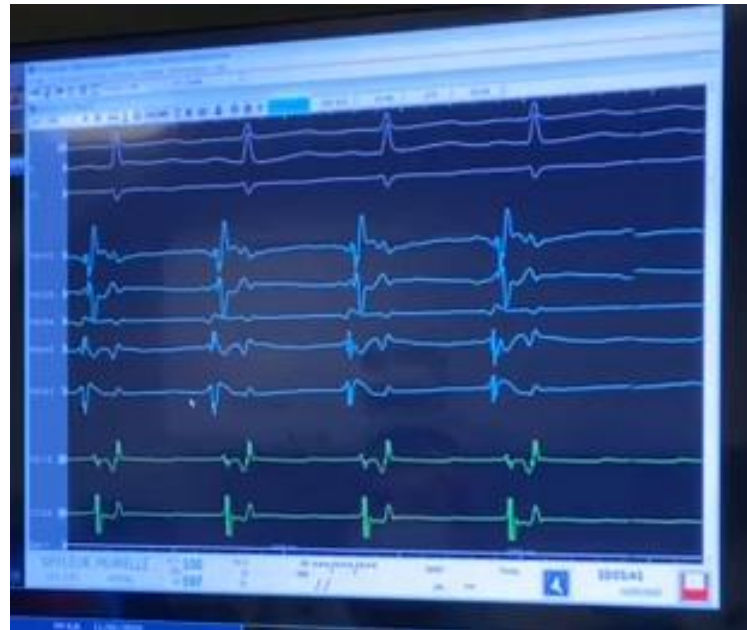
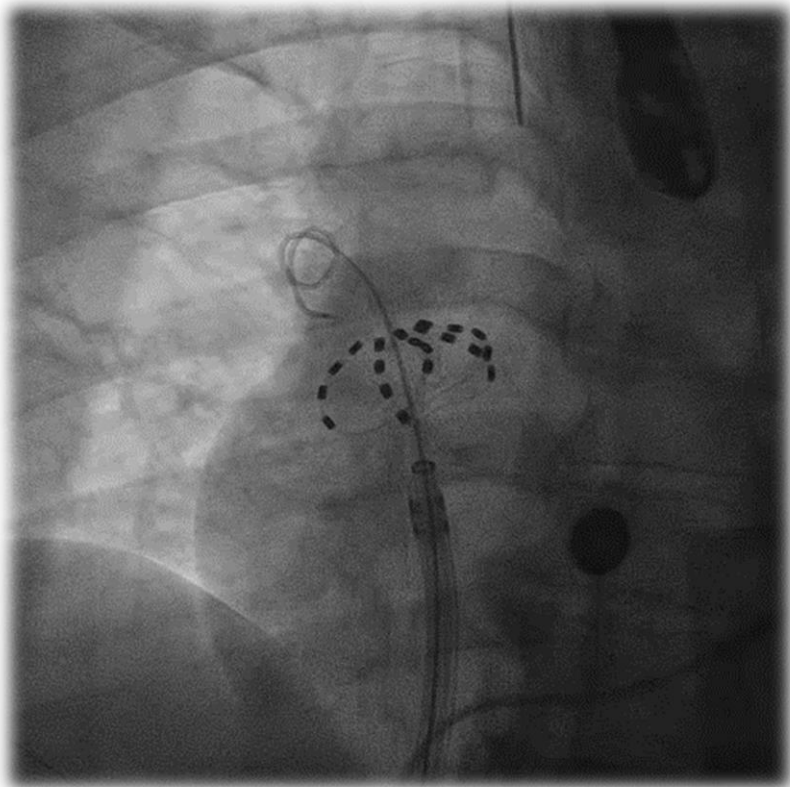
Farawave – Return to the right inferior PV



Farawave –to the right superior PV



Farawave – the RSPV from basket to flower



Knot at the end

9:42

