



Galway University Hospitals

Ospidéal na h-Ollscoile Gaillimh
UNIVERSITY HOSPITAL GALWAY
MERLIN PARK UNIVERSITY HOSPITAL

LINC 2021
Tuesday 26.1.21
1334-1347

Single Session Iliofemoral Thrombectomy

Recorded Case Presentation

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Galway, Ireland



Disclosure

Professor Gerry O'Sullivan FRCR FRCPI FSIR FEBIR

I have the following potential conflicts of interest to report:

- **Consulting:**

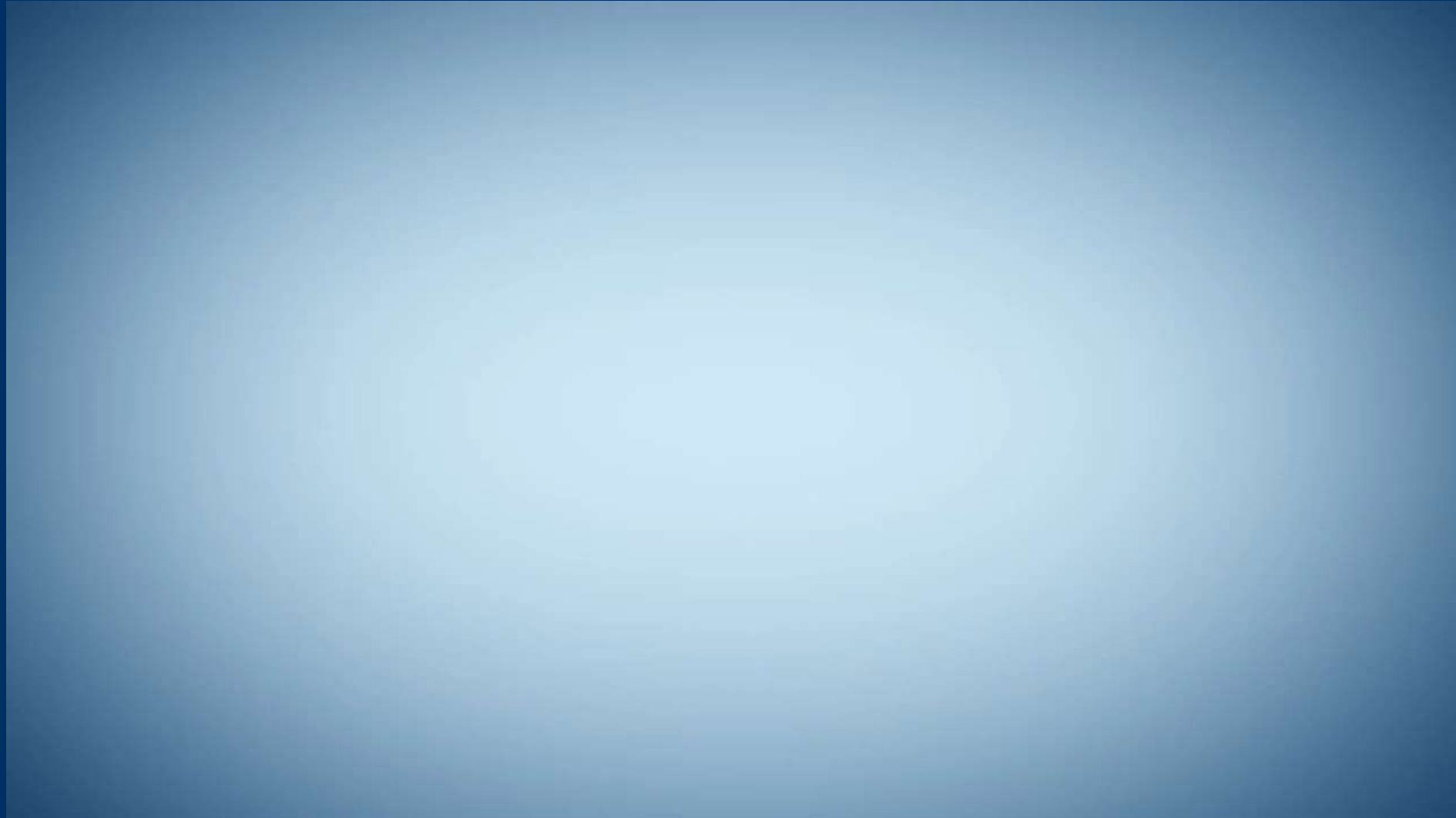
- Bard
- Boston Scientific
- Cook Medical
- Creganna Medical
- Marvao Medical
- Medtronic
- Mermaid Medical

- **Stockholder of healthcare companies:**

- Marvao Medical
- Vetex Medical
- Orthosensor

Mechanical Thrombectomy Device

Vetex Medical Ltd. ReVene™ Thrombectomy Catheter:



Case Background

Patient History

- 73-year-old female with discoloration and swelling on left thigh 2 weeks prior to procedure
- Recent history of gallstones and ascending cholangitis
- Quite ill in months prior to intervention

Galway Protocol for DVT

- Colour Doppler US- popliteal vein open
- CTPA - no PE; RV <LV
- CTV - extensive left ilio-femoral DVT
- Rx plan:
 - Prone, popliteal access, 10F sheath; 5000 u IV Heparin
 - Single session if at all possible
 - ZERO thrombolysis if at all possible
 - Retrievable filter for first 10 cases of any new device

CTV

Venography

IVUS

Thrombectomy

Venography

Second Pass of Device

Venography

Aspiration

May Thurner
Venoplasty & Stenting

IVUS

Venography

Single Session Thrombectomy is my *preferred thrombectomy technique*

PROs:

- No need for ICU bed
- No bloods
- No need for venograms
- No phone calls!!
- No thrombolysis changes the conversation completely with the patient

CONs:

- Optimal outcomes with a patent popliteal vein
- Possibly use more retrievable filters at least early in experience

