

CONTROVERSES ET ACTUALITÉS EN CHIRURGIE VASCULAIRE
CONTROVERSIES & UPDATES
IN VASCULAR SURGERY
JANUARY 23-25 2020
MARRIOTT RIVE GAUCHE & CONFERENCE CENTER
PARIS  
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Endovascular correction of deep vein obstruction: when it does not work - how to manage it?

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Disclosures

- BSCI
- Medtronic
- Volcano Philips
- Jotec/Cryolife
- Bard
- Servier

Obstruction correction

2002 – Raju and Neglen Venoplasty/stenting



Obstruction treatment: when does not work?



Poor inflow



Unadequate technique



Patient conditions



A. Iliac veins  common
external

Stent

B. Underneath the inguinal
ligament

Stent +
inguinal ligament section and
decompression

C. Common Femoral Vein

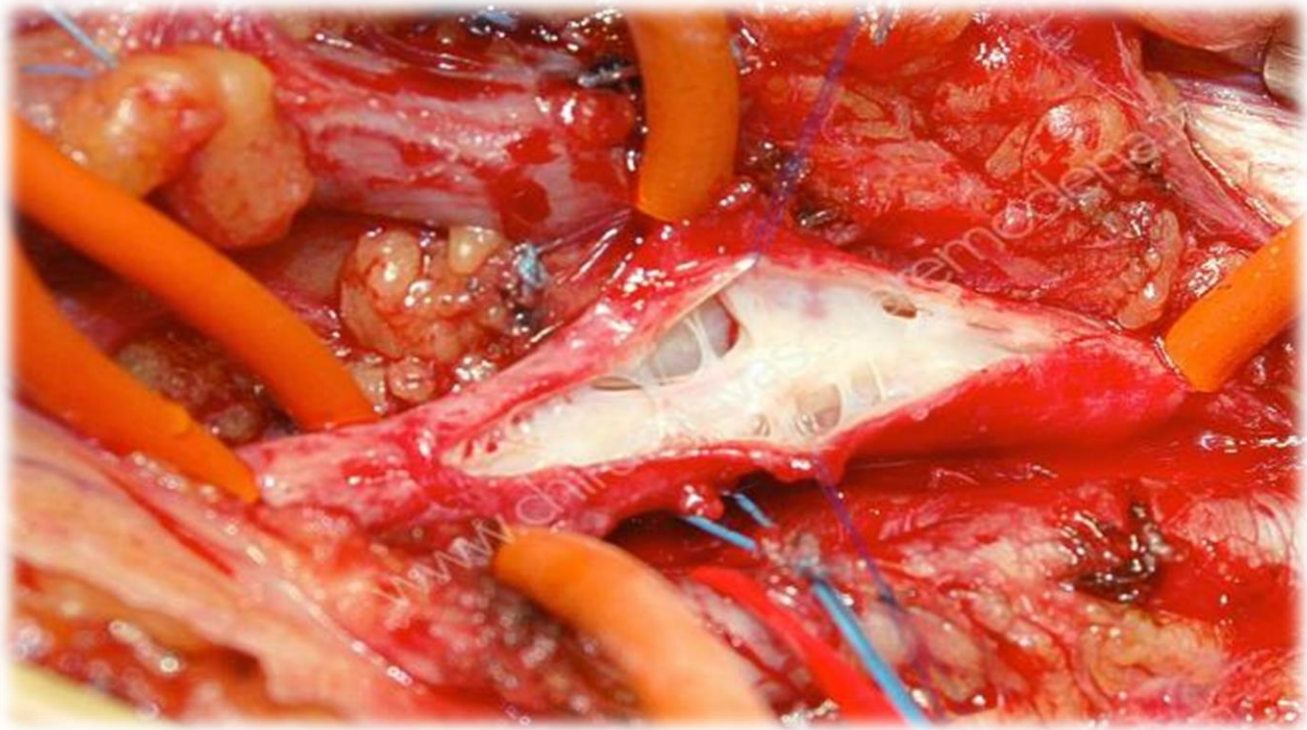
Stent +
inguinal ligament section +
endophlebectomy

D. Femoral Vein

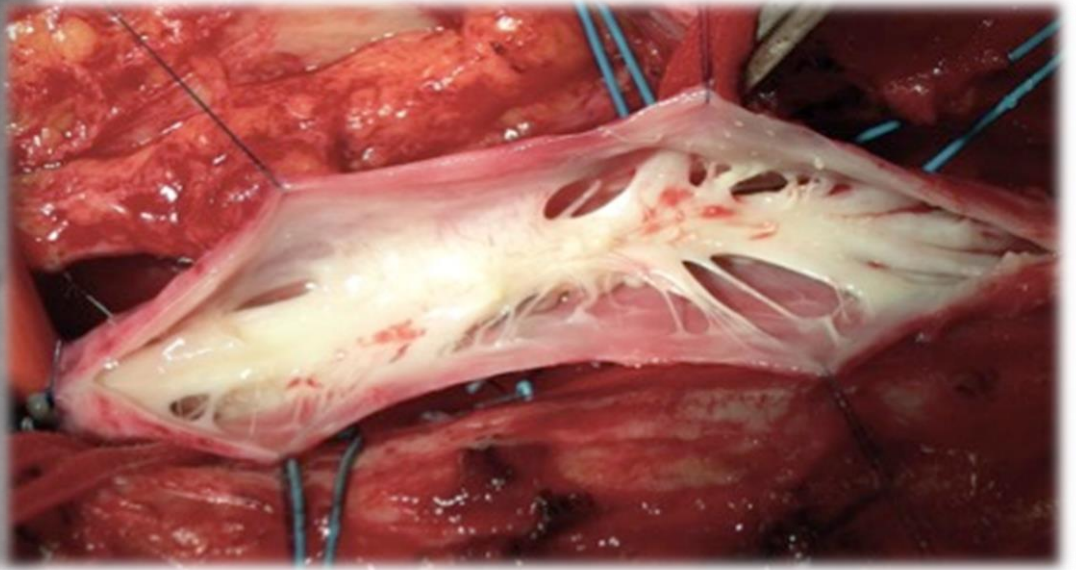
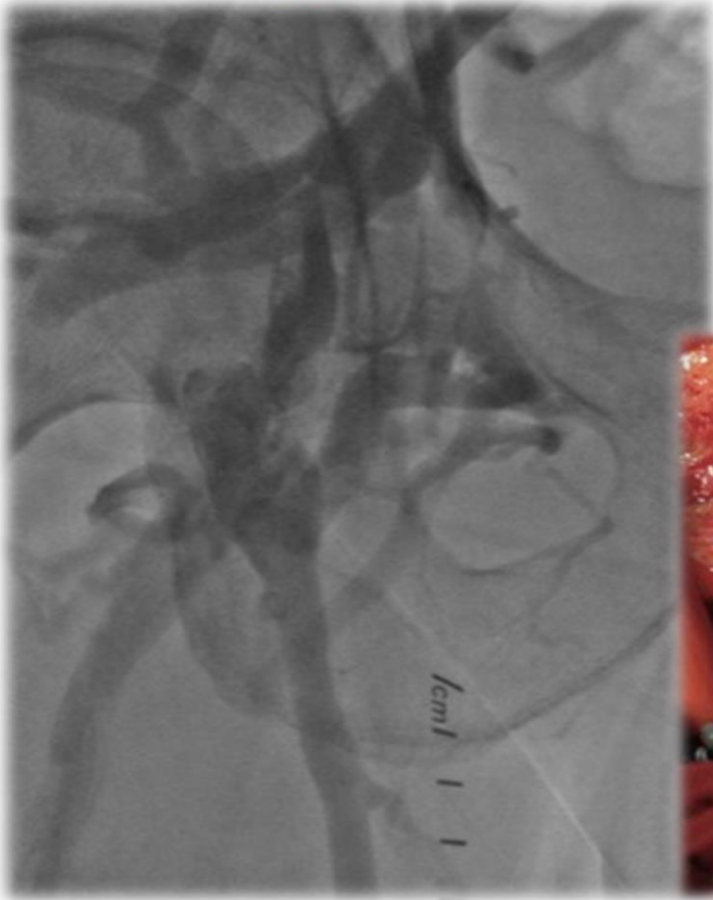
Stent +
inguinal ligament section +
endophlebectomy +
stent across CFV - FV



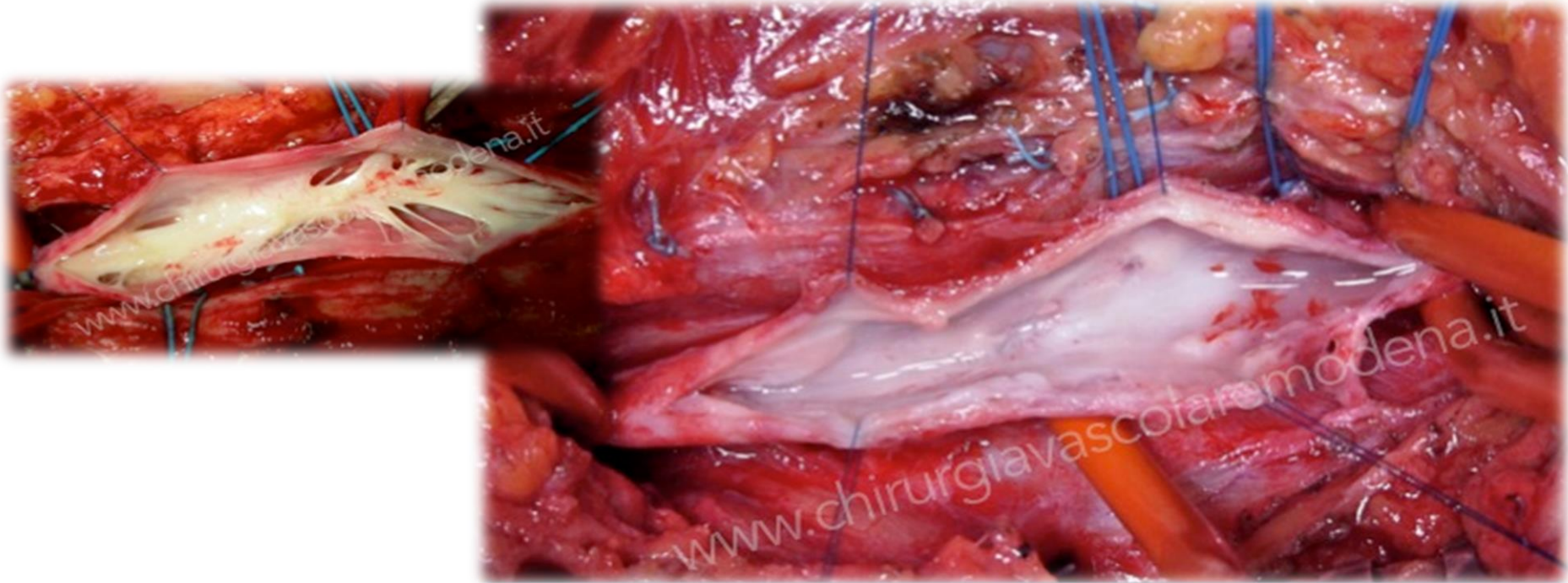
Poor inflow



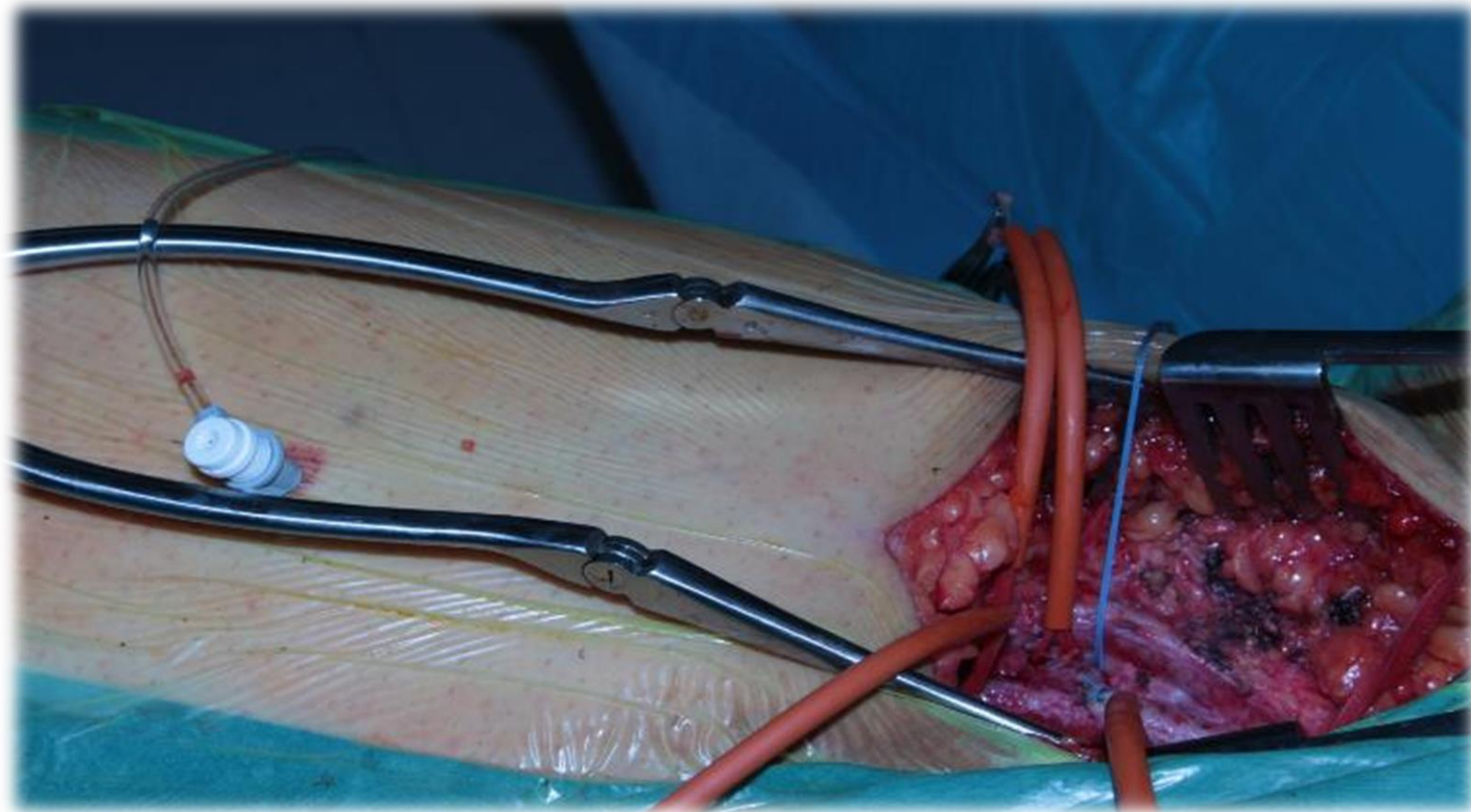
CFV poor inflow



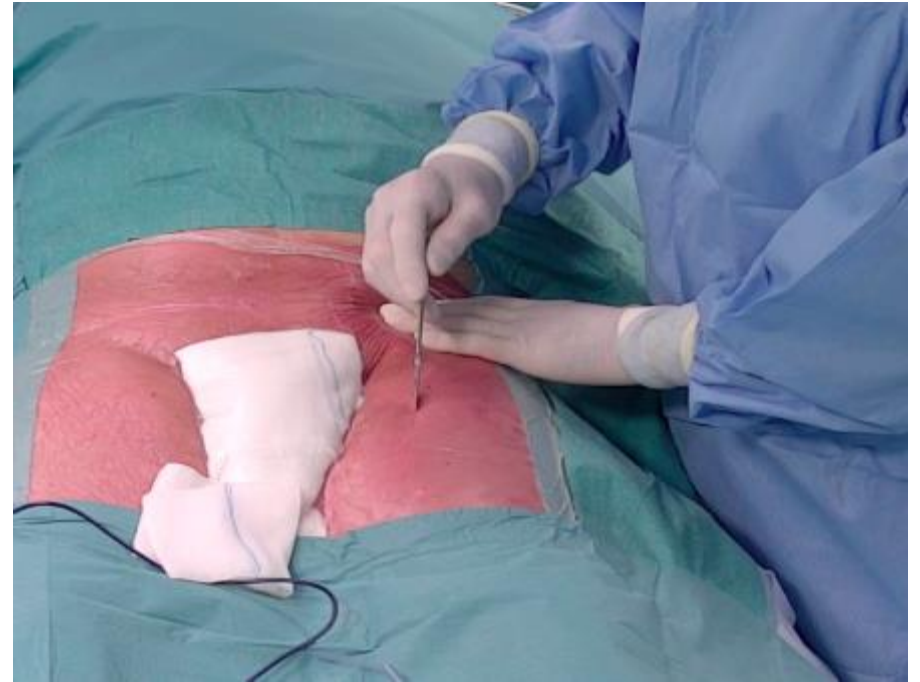
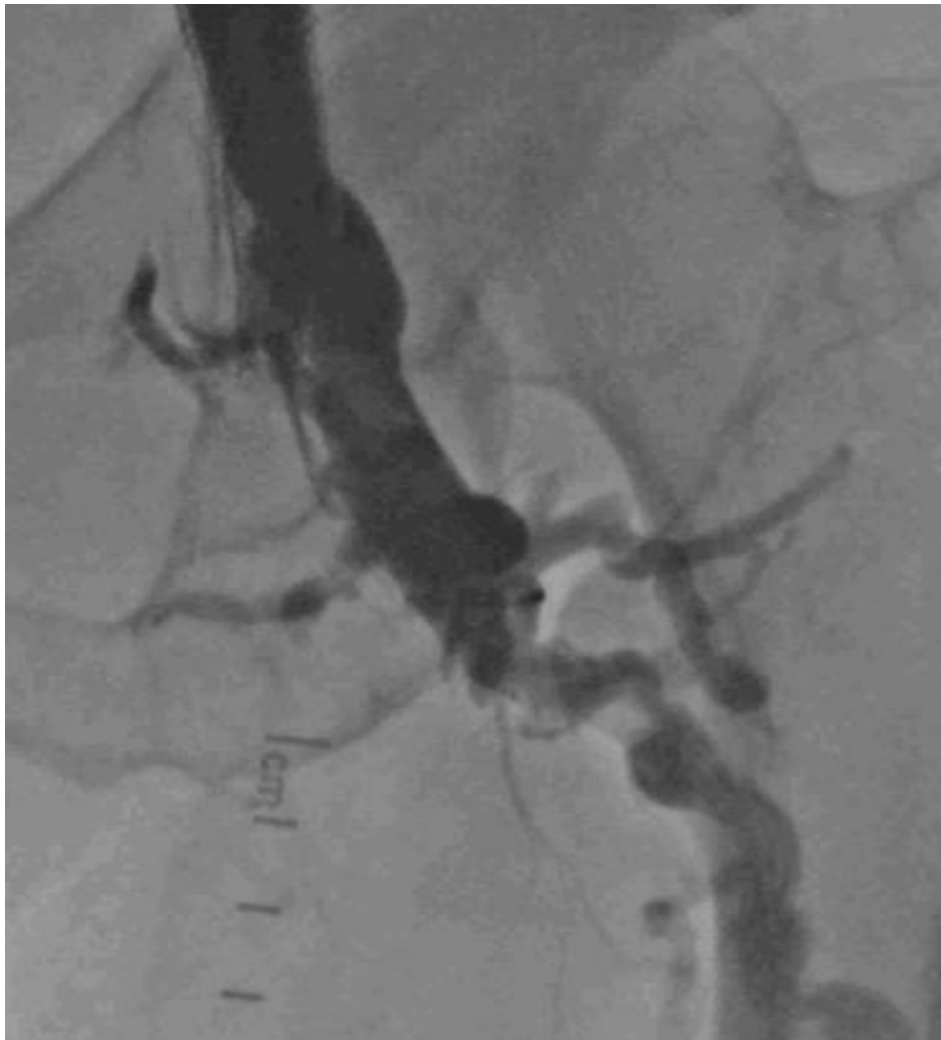
Endophlebectomy



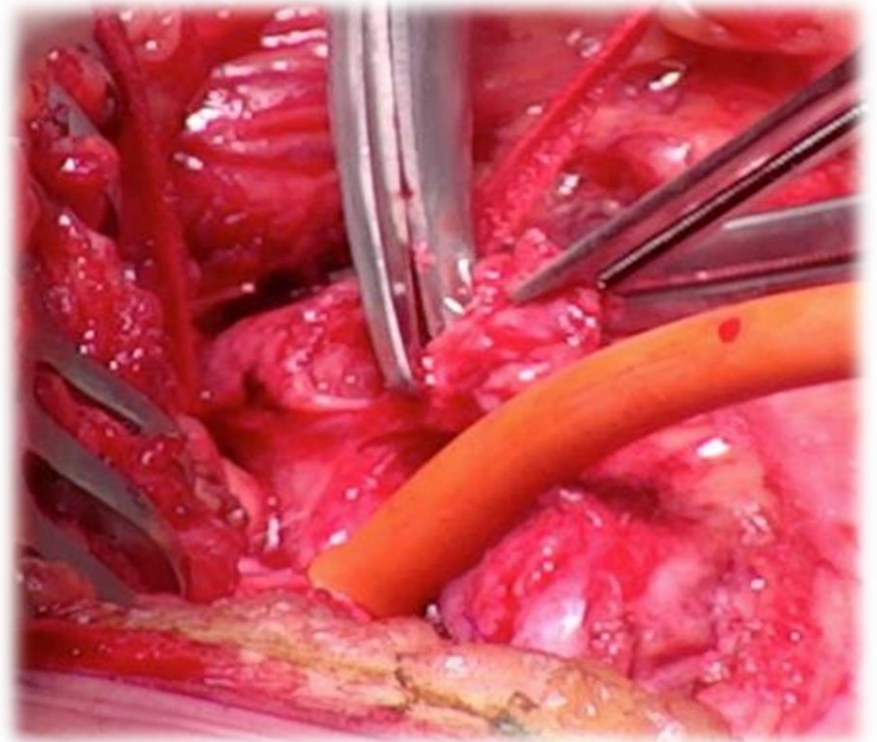
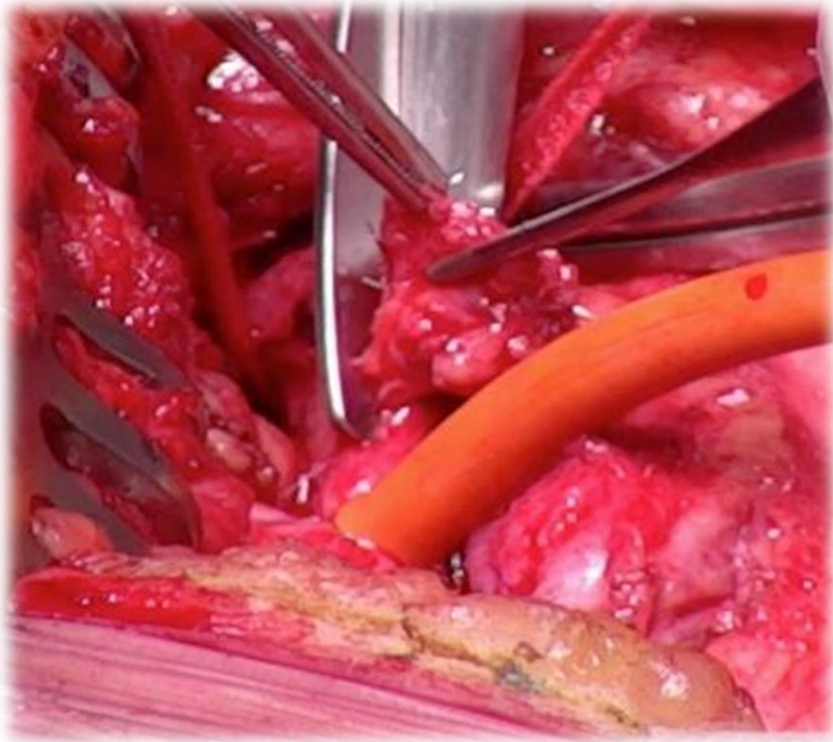
Puggioni A, Kistner RL, Eklof B, Lurie F. Surgical disobliteration of post thrombotic deep vein – endophlebectomy – is feasible. J Vasc Surg 2004;39:1048-52.



Hybrid treatment CFV stent occlusion



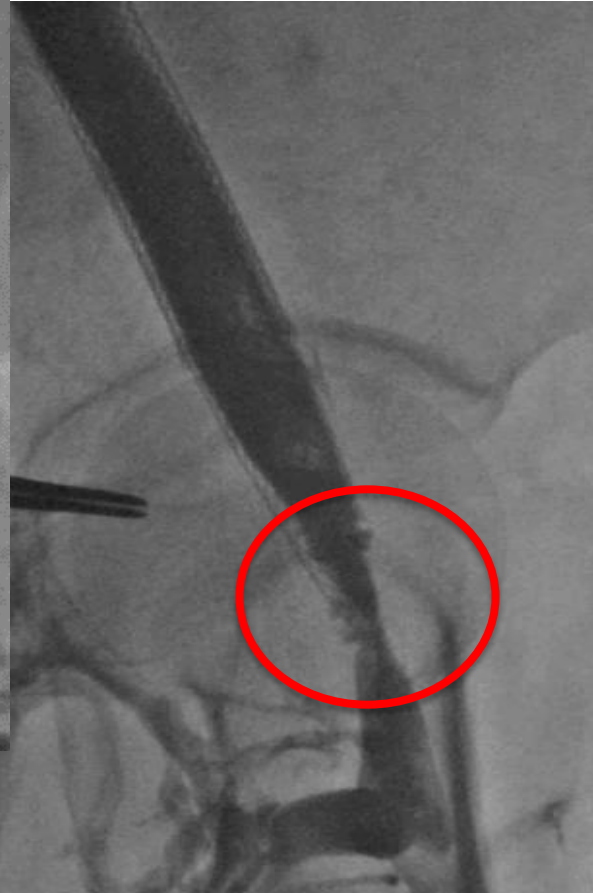
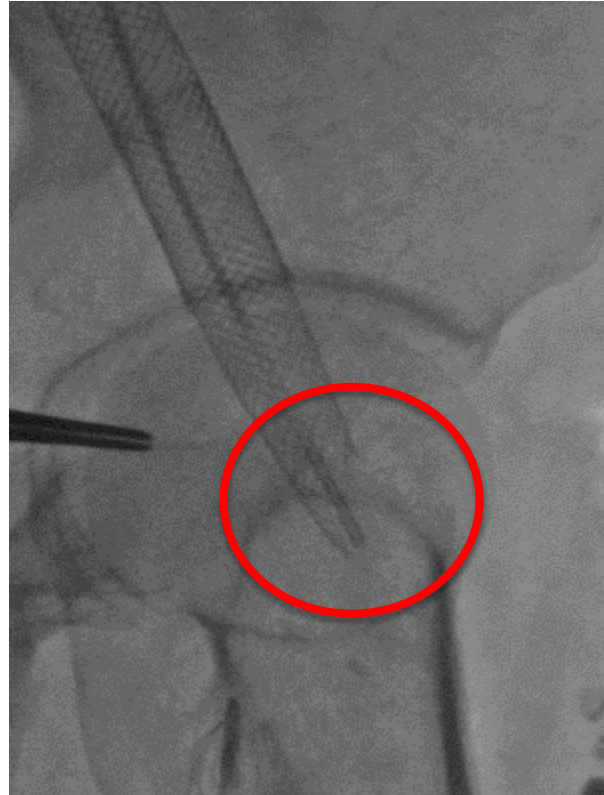
Stent cutting



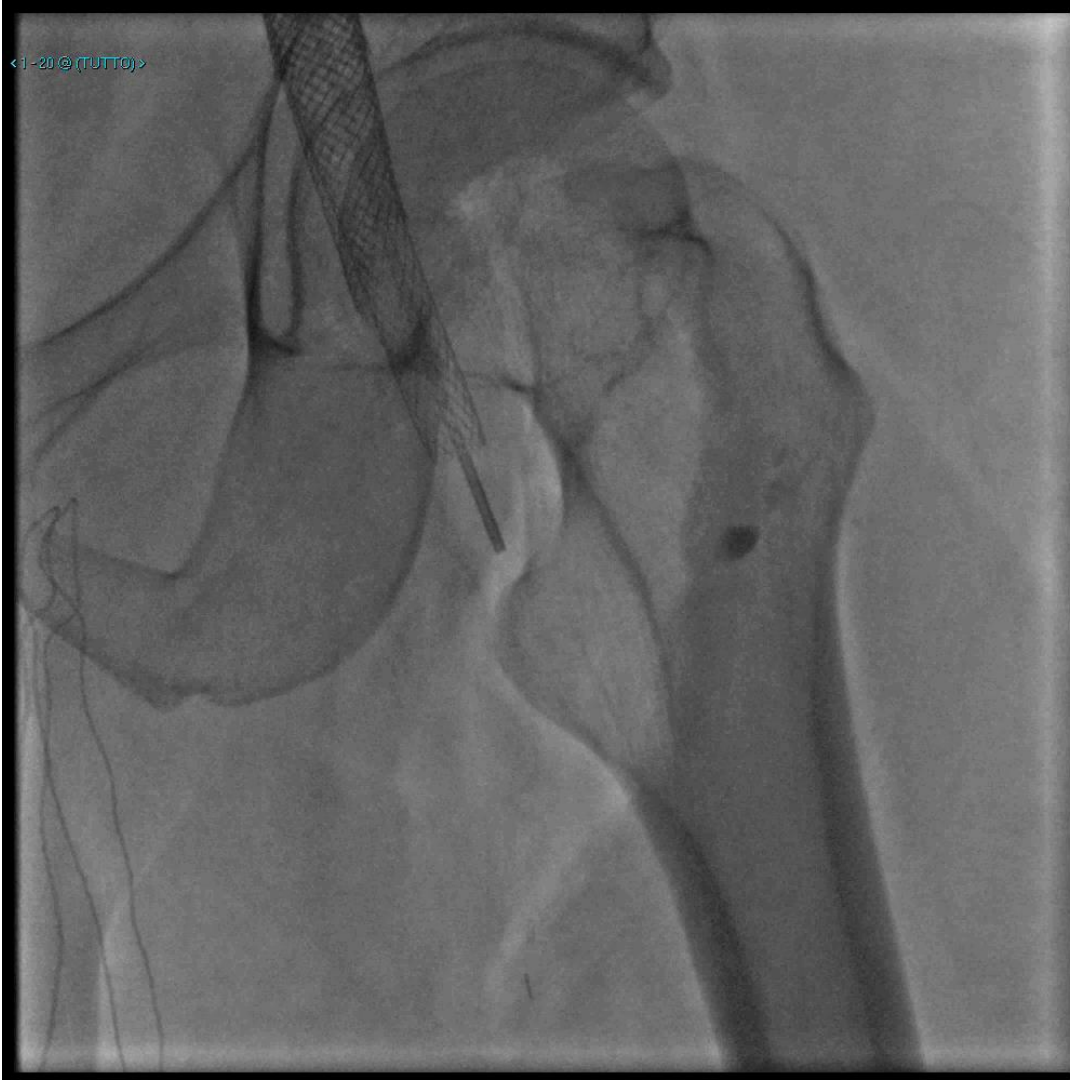
**Endophlebectomy +
bovine pericardium
patch**



**Venogram
cutted stent**



<1-20 © (TUTT) >





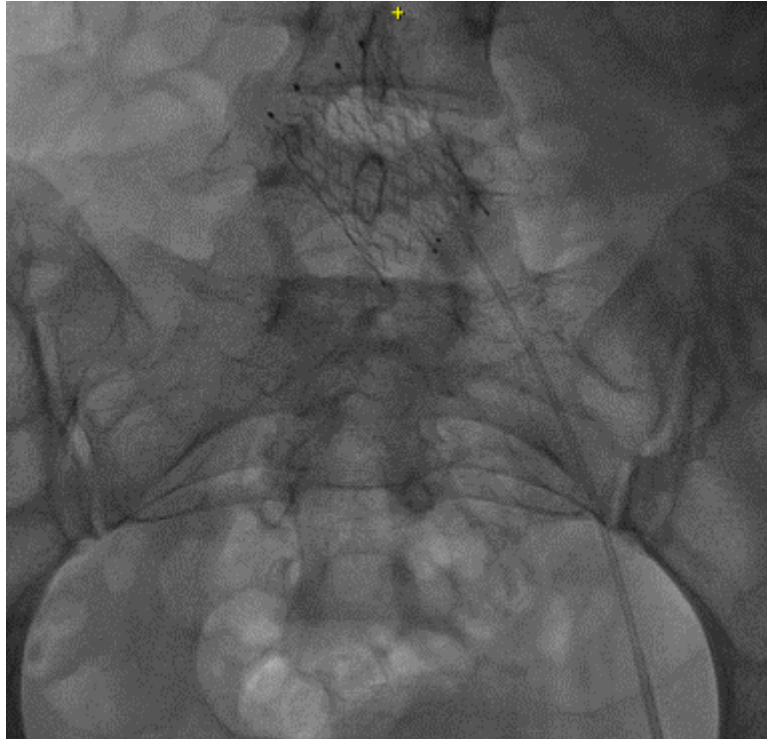
Unadequate technique



Mainly linked to poor learning curve.

The essential differences between artery and vein endoluminal techniques are still ignored

Problems on stent sizing





Malpractice

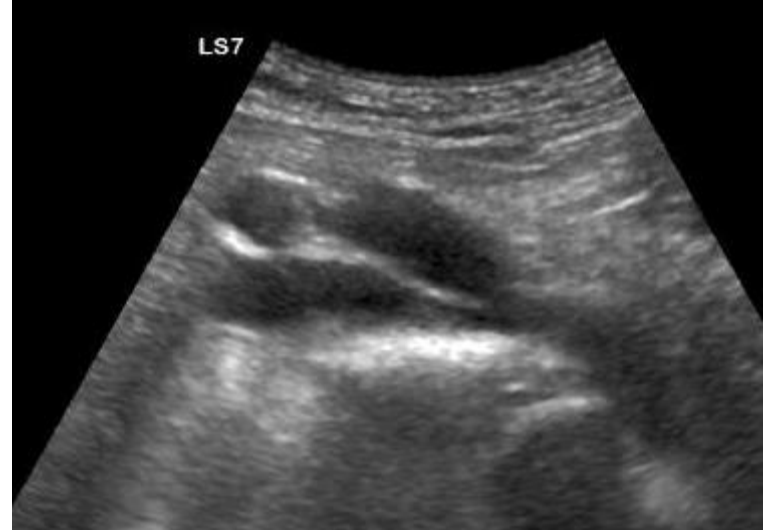
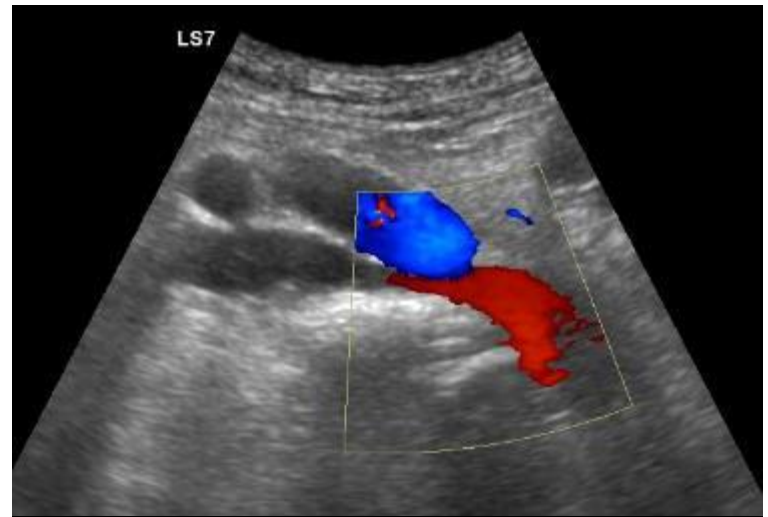
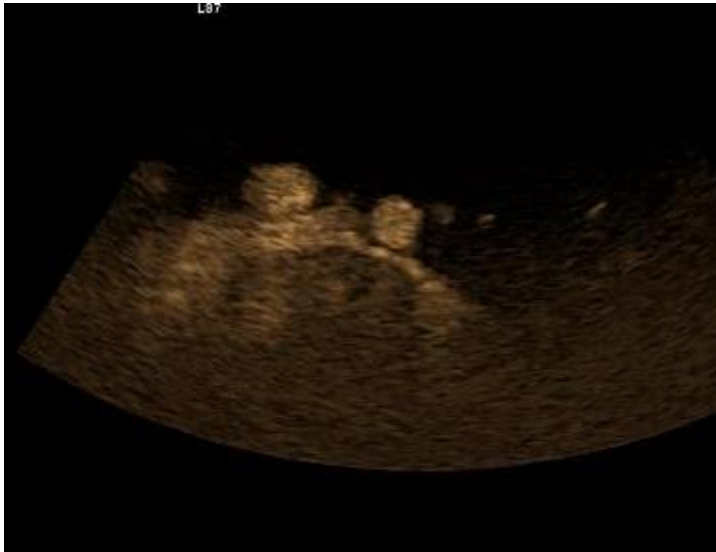
Patient conditions

 **Impaired deambulation (poor EF)**





May –Thurner diagnosis



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Thank you