

The logo for LINC (Lifestyle in Network) features the letters 'LINC' in a white, sans-serif font. The letters are positioned over a stylized graphic of three curved, overlapping brushstrokes in shades of blue, red, and yellow, suggesting movement and connectivity.

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Endophlebectomy of the common femoral Vein

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LINC 2018

Disclosure

Speaker name: Houman Jalaie

I have the following potential conflicts of interest to report:

Consulting

Medtronic, BARD, Optimed, Ab Medica, Bentley, BTG

Employment in industry

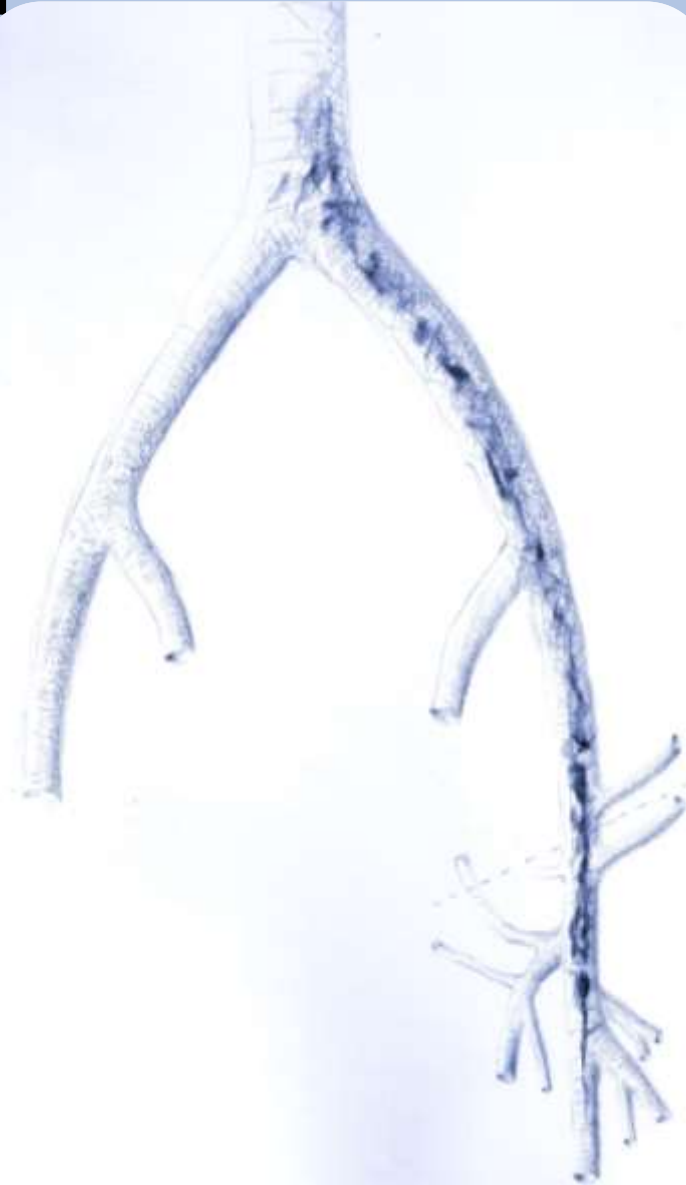
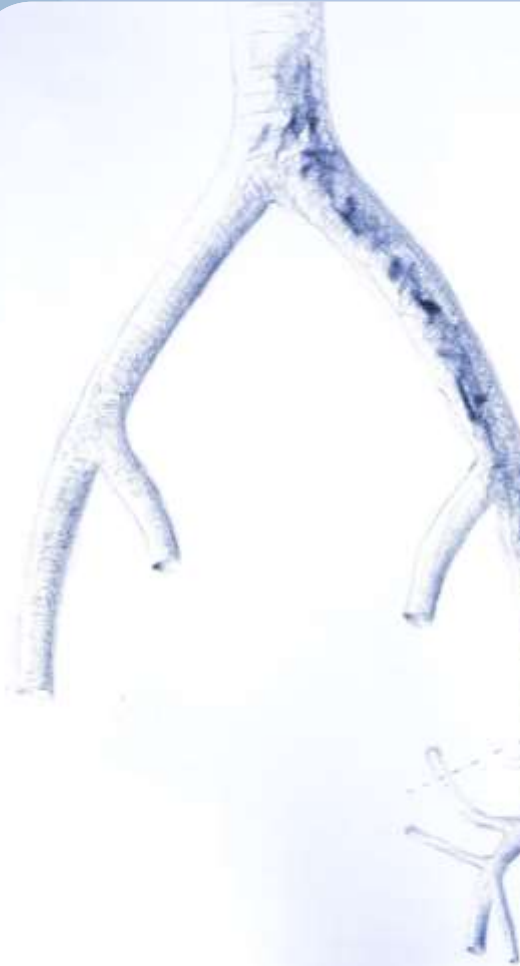
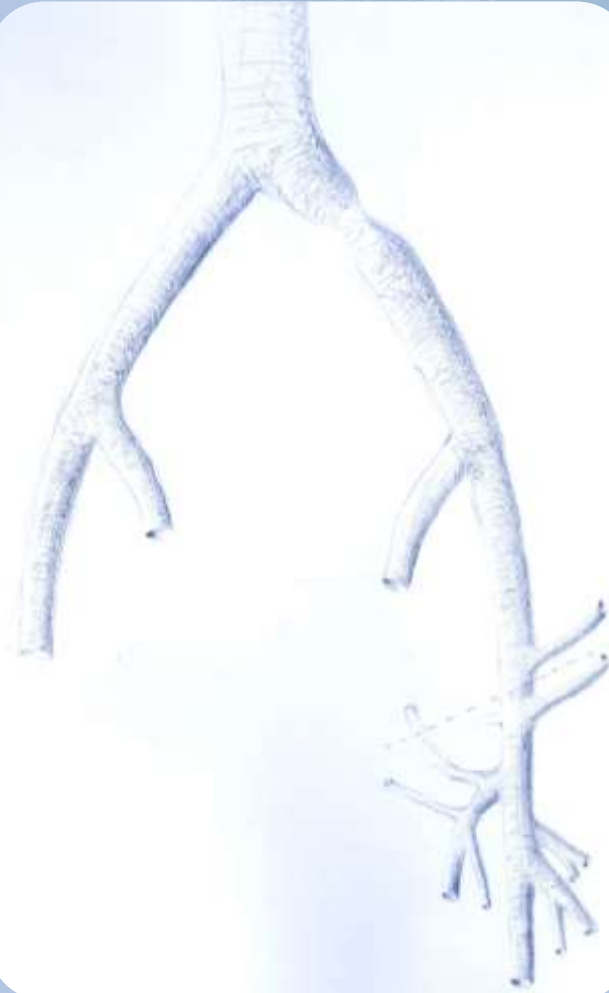
Stockholder of a healthcare company

Owner of a healthcare company

Other(s)

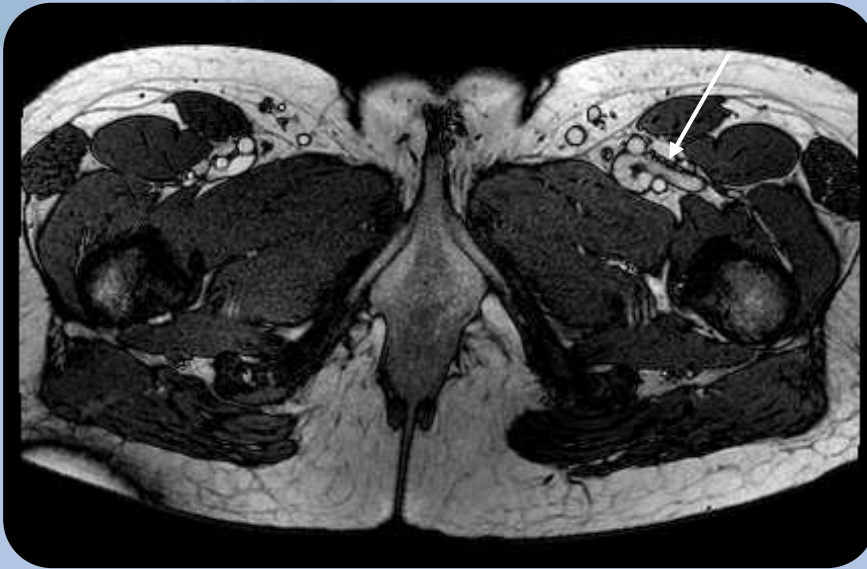
I do not have any potential conflict of interest

Introduction

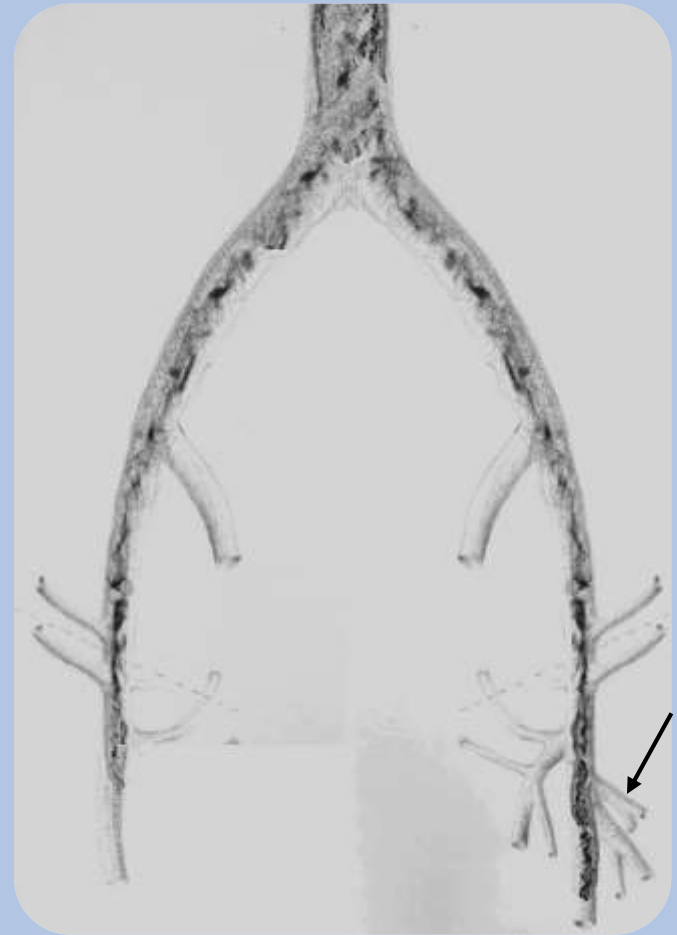


Indication

- symptomatic obstruction in iliofemoral and caval level with involvement of CFV covering the ostium of deep femoral vein

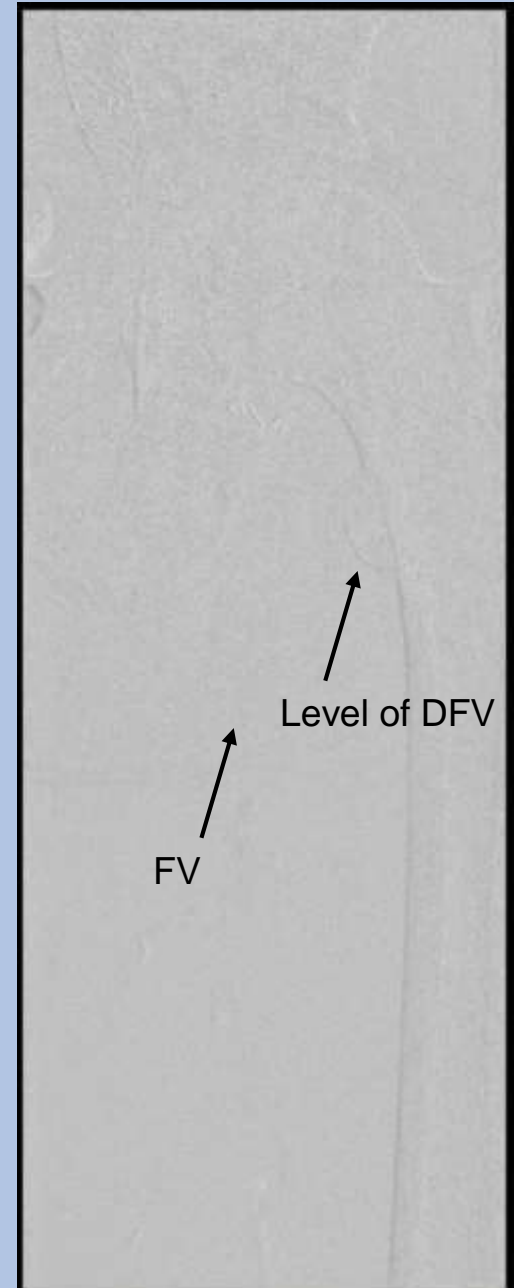


CFV involved, good inflow from DFV

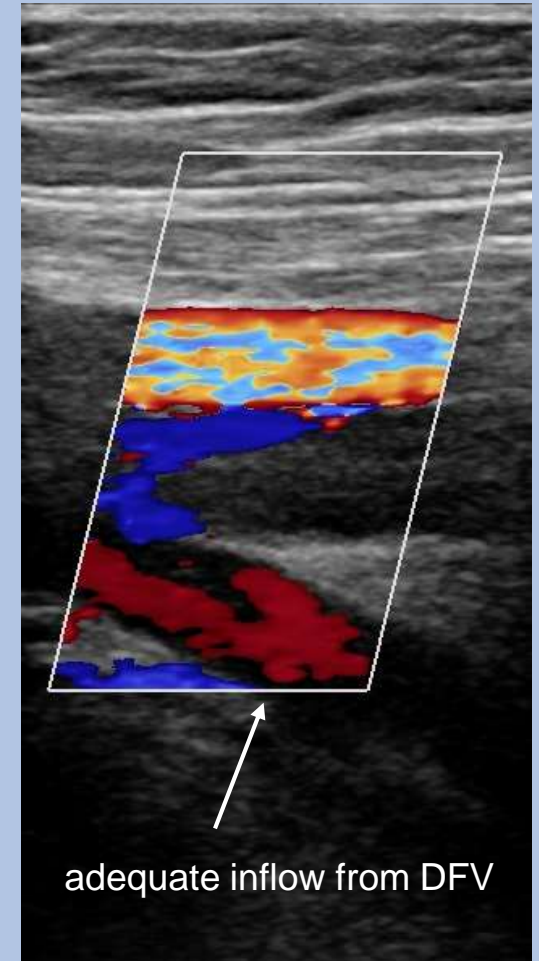
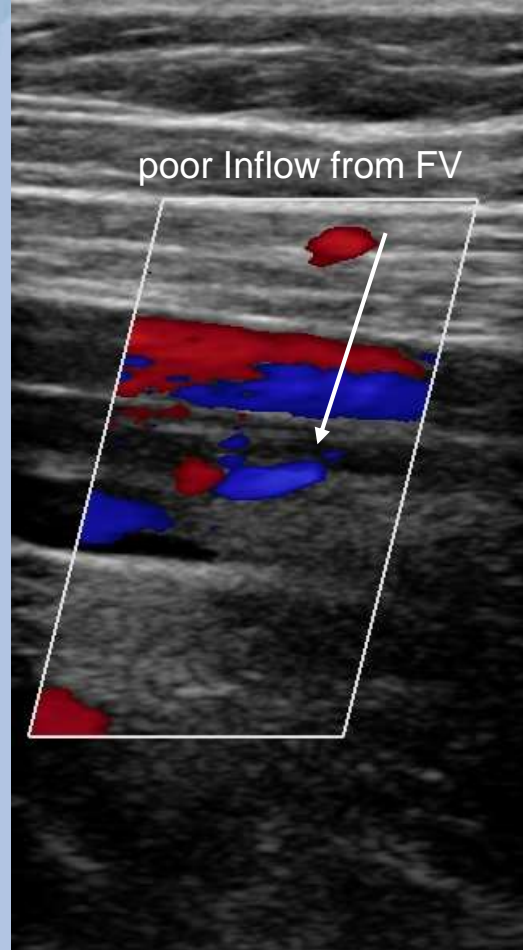
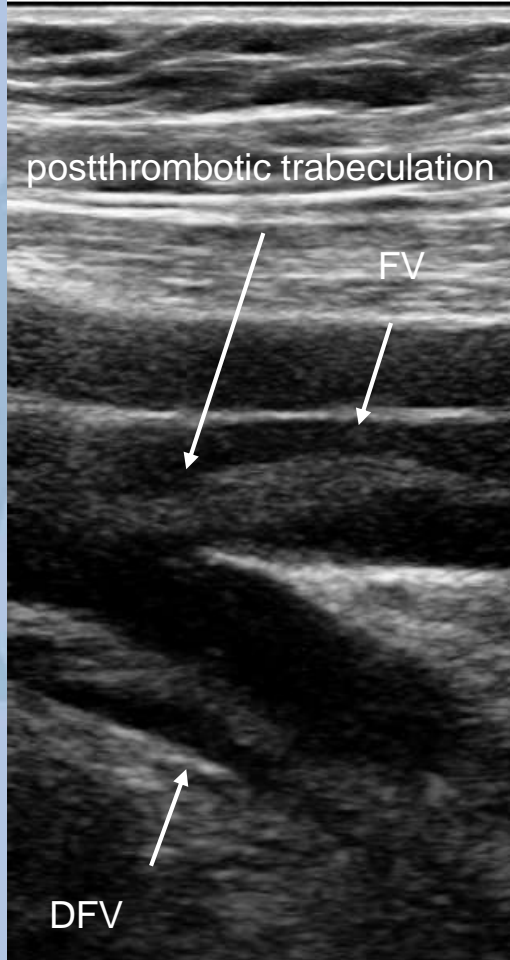


Contraindication

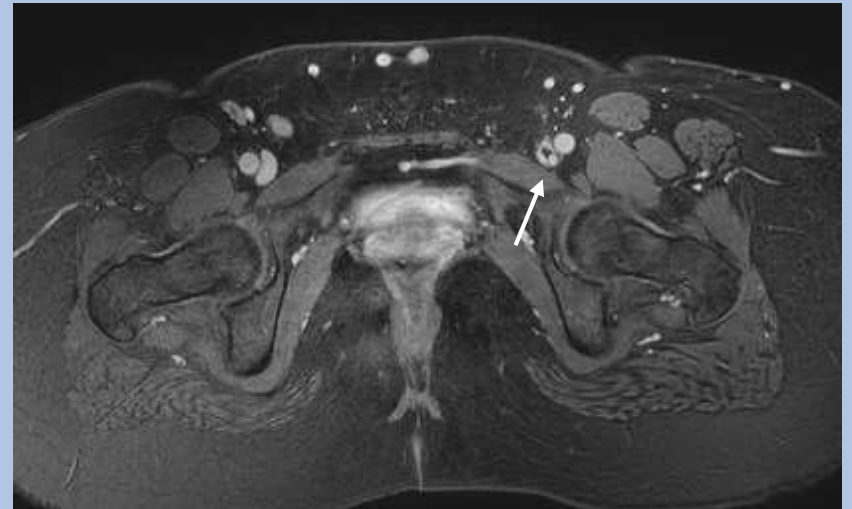
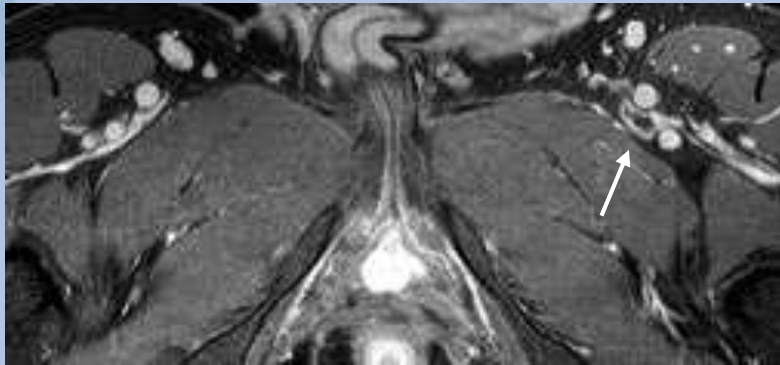
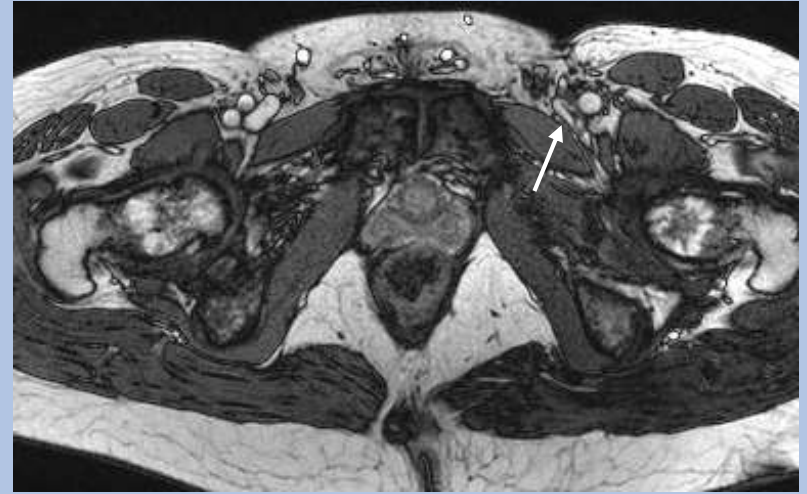
- Severe impairment of inflow (trabeculation in VF and DFV)



Diagnostic



Diagnostic



pre op. MR-venography

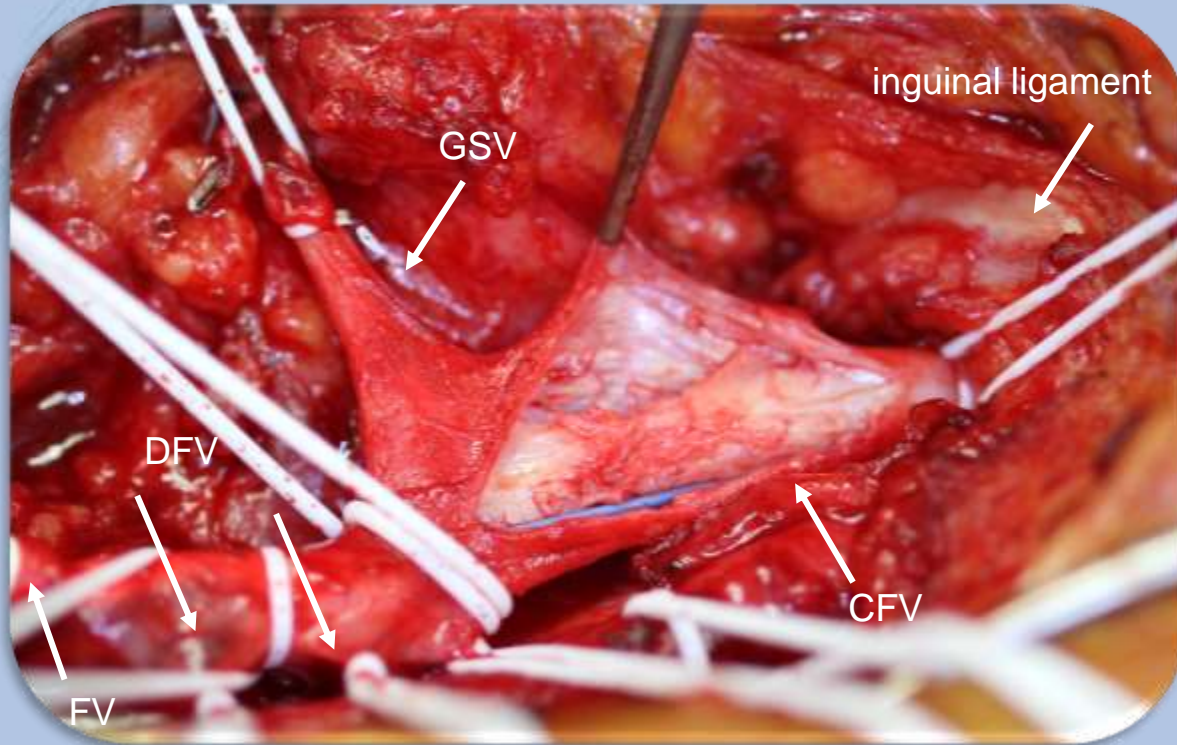
Procedure

- Recanalization of CFV, EIV and CIV
- Endophlebectomy of CFV
- Patch closure (bovine patch)
- av-fistula creation (PTFE, loop shape)



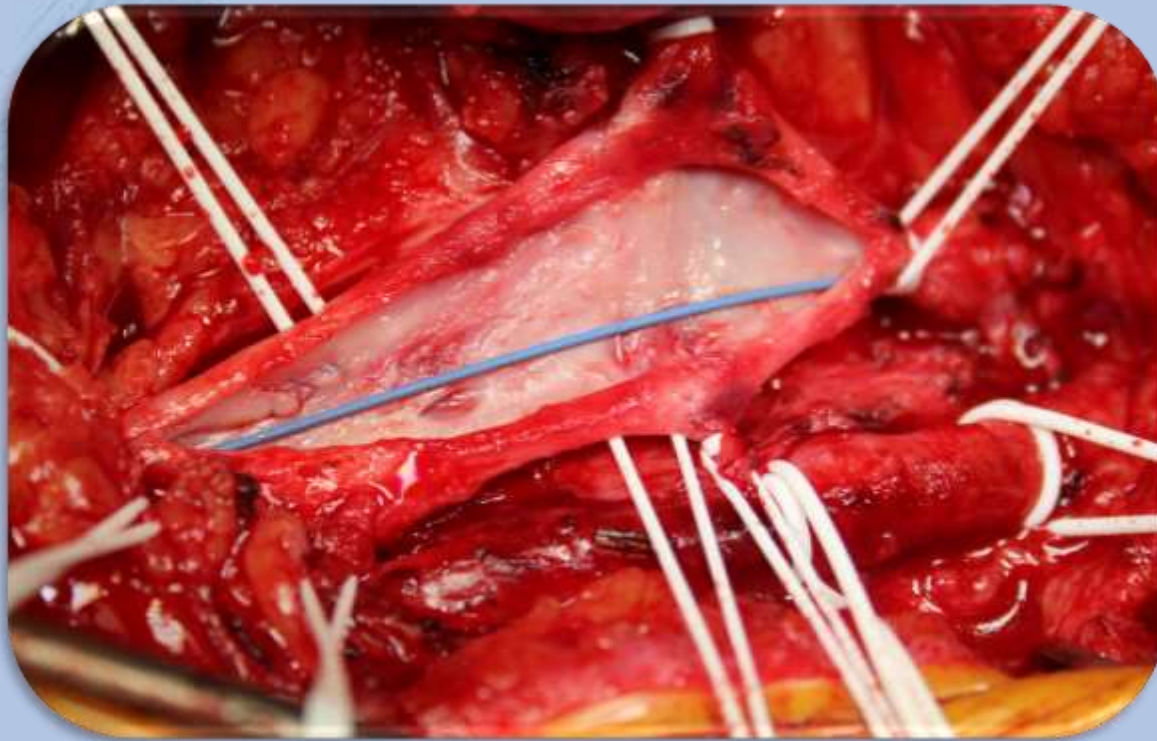
Procedure

Endophlebectomy of CFV



Procedure

Endophlebectomy of CFV

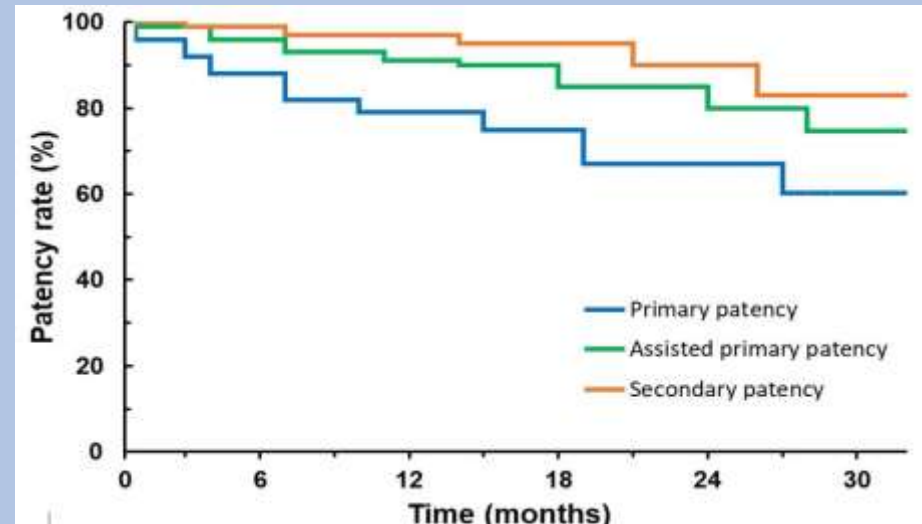


Patient characteristics

Patients	92
Legs	98
sex	56 (61%) female
age	40 (18-75)
Thrombophilia	76,1%
Venous claudication	83 (90,2%)
one DVT	57 (61,9%)
two or more DVTs	34 (36,9%)
Years after DVT	5 (1-41)
Bilateral involvement (CVO)	20 (21,7%)
Involvement of IVC	21 (22,8%)

Results

- **Patency**
 - primary 60,2%
 - ass. primary 74,6%
 - secondary 83,1%
- **Clinical improvement (subjective)**
 - yes 82%
 - no 18%
- Median VCSS (12 months) 11 > 5
- Median Villalta (12 months) 12 > 4
- Improvement of venous claudication 76%
- Wound healing disorder 26% (majority szilagyi I°)



Conclusion

- Endophlebectomy of CFV improves the inflow from GSV and DFV
- Clinical scores show a significant improvement
- Suboptimal but acceptable patency rates
- High rate of wound complications
- Respect contraindication > > > severe impairment of inflow from FV and DFV

Br J Surg. 2017 May;104(6):718-725. doi: 10.1002/bjs.10461. Epub 2017 Feb 21.

Endophlebectomy of the common femoral vein and arteriovenous fistula creation as adjuncts to venous stenting for post-thrombotic syndrome.

de Wolf MA^{1,2}, Jalaie H³, van Laanen JH¹, Kurstjens RL^{1,2}, Mensinck MJ¹, de Geus MJ¹, Gombert A³, de Graaf R⁴, Wittens CH^{1,2,3}.

Thank you for your attention

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