

KEY OPINION LEADERS (KOL) FORUM

Case submission

W Hui – 02/05/2024



Zuyderland
De zorg van je leven

1. ABOUT THE PATIENT

- 74-y old female patient
- Medical history:
 - COPD GOLD 3
 - 2012 sigmoid resection (diverticulitis)
- Vascular history:
 - 2014 PTA + stenting left SFA (Fontaine 4)
 - 2014 instent-stenosis left SFA > PTA with DEB
 - 2015 stent-occlusion left SFA (Fontaine 3) > CDT 12h + PTA with DEB
 - 2018 instent-stenosis left SFA (Fontaine 2b) > PTA with DEB
- Active daily smoker, no intention to quit
- Medication: ASA 80mg, Clopidogrel 75mg, simvastatine 40mg , omeprazole 40mg
Azithromycine 250mg 3/w, amitriptyline 10mg, aerosols

Presentation at the ER with pain and discoloration since 48h, diagnosed as acute on chronic ischemia Rutherford 2a

Previously known stable Fontaine 2a since 2018 with walking distance of 200m

3. DIAGNOSIS

Zuyderland, lokatie Heerlen
SOMATOM Definition AS
31-1-2024, 15:08:28
NLRZUY0009478118



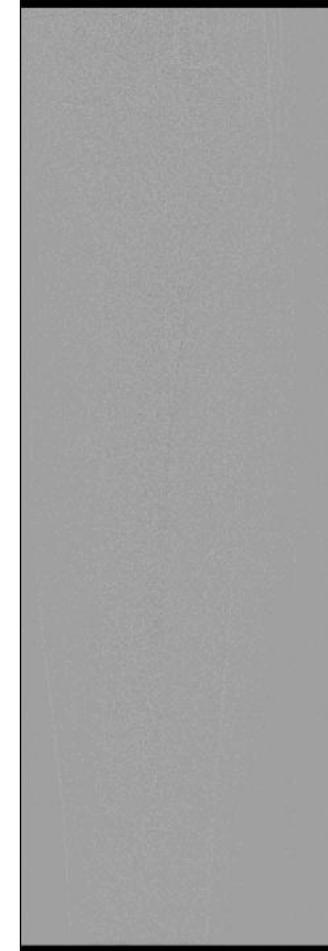
Series: 4
15:09:59,431000
4. BEENVATEN WD 1.0 axiaal
Image no: 200
CTAWP95538

Pos: FFS
Slice: 1 mm
Contrast: XenetiX
C: 50,0, W: 400,0
80 kV
121 mAs

**What
would
YOU
DO?**

4. TREATMENT

- Retrograde puncture right CFA
- 5fr sheath
- Heparin 5000 IU IV
- Crossover using Glidewire Advantage 0.035" + pigtail
- Change for 6fr sheath
- DSA

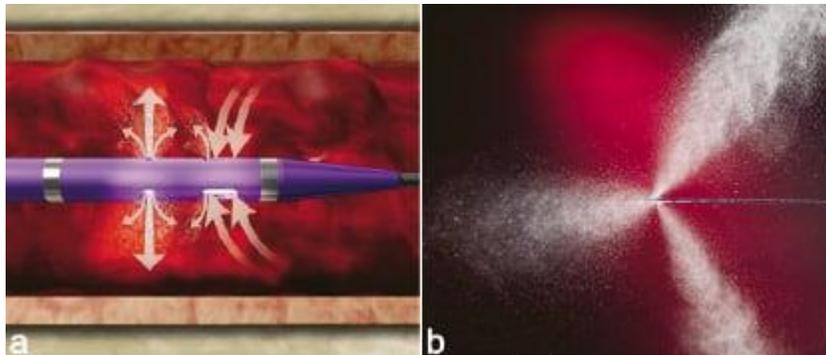


- Smooth passage through the thrombotic occlusion with Glidewire Advantage 0.035"





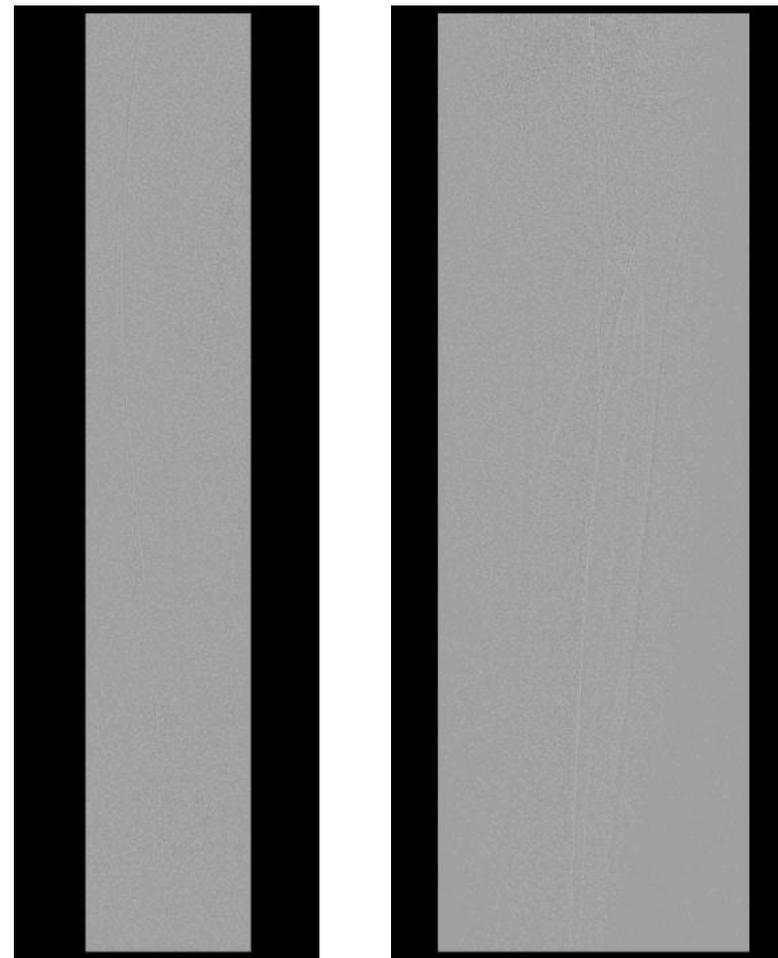
- AngioJet thrombectomy system with power pulse delivery of urokinase
- Wait time 15 minutes



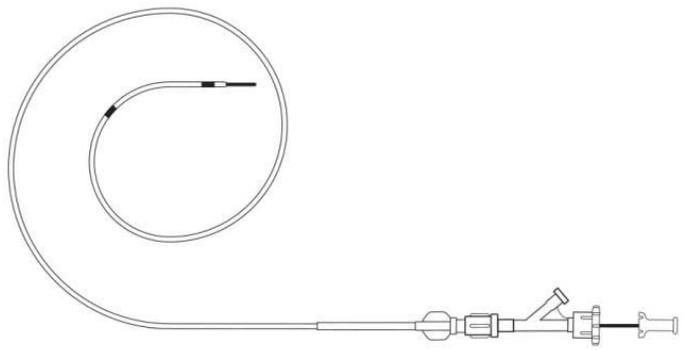
Sianos G, Van Le H, Setum C. AngioJet(R) Rheolytic Thrombectomy System and Innovation for Power Pulse Infusion. EuroIntervention. 2006 May;2(1):120-4. PMID: 19755247.



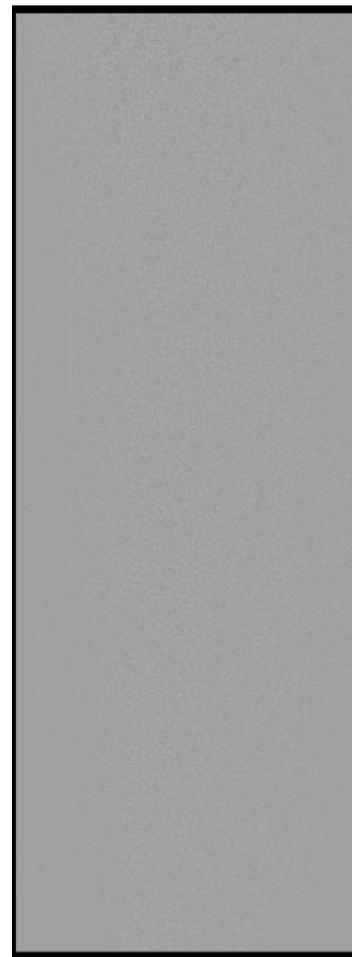
- Result after Angiojet thrombectomy





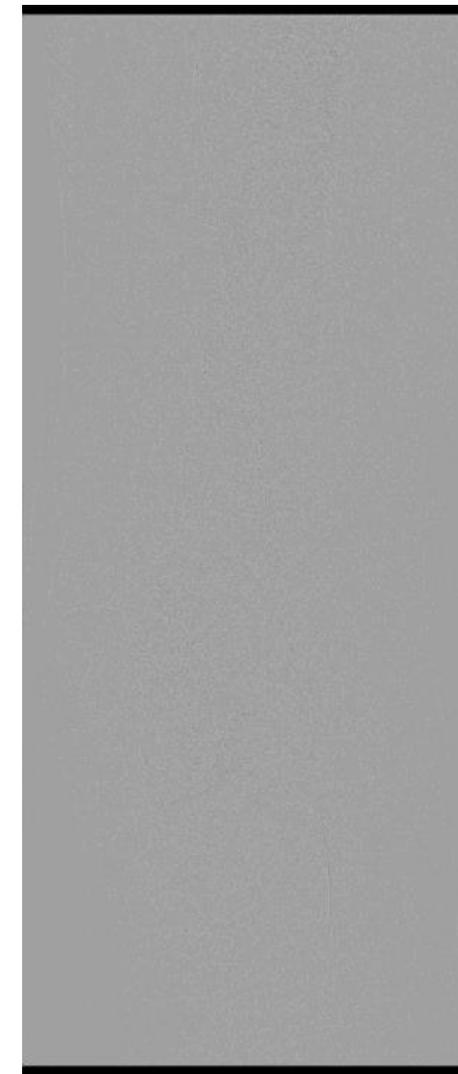


- Next day DSA





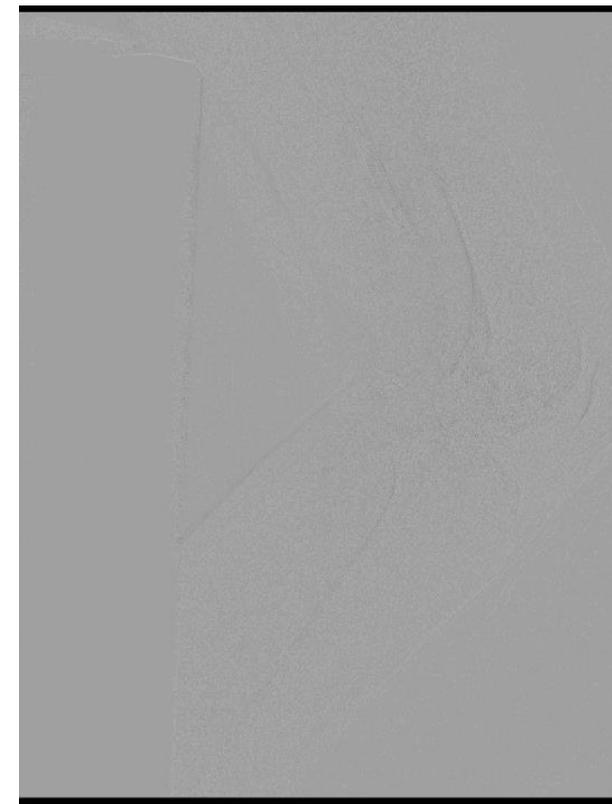
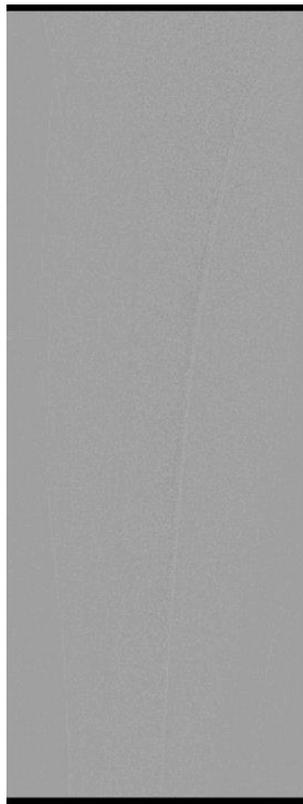
- Placement of covered stent-grafts (Viabahn)



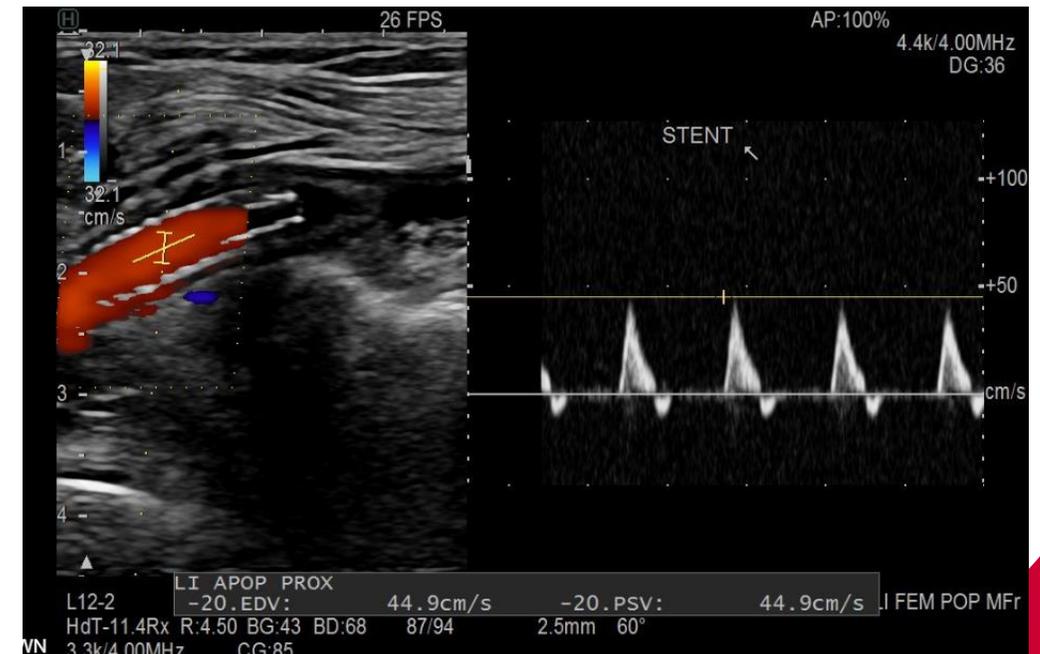
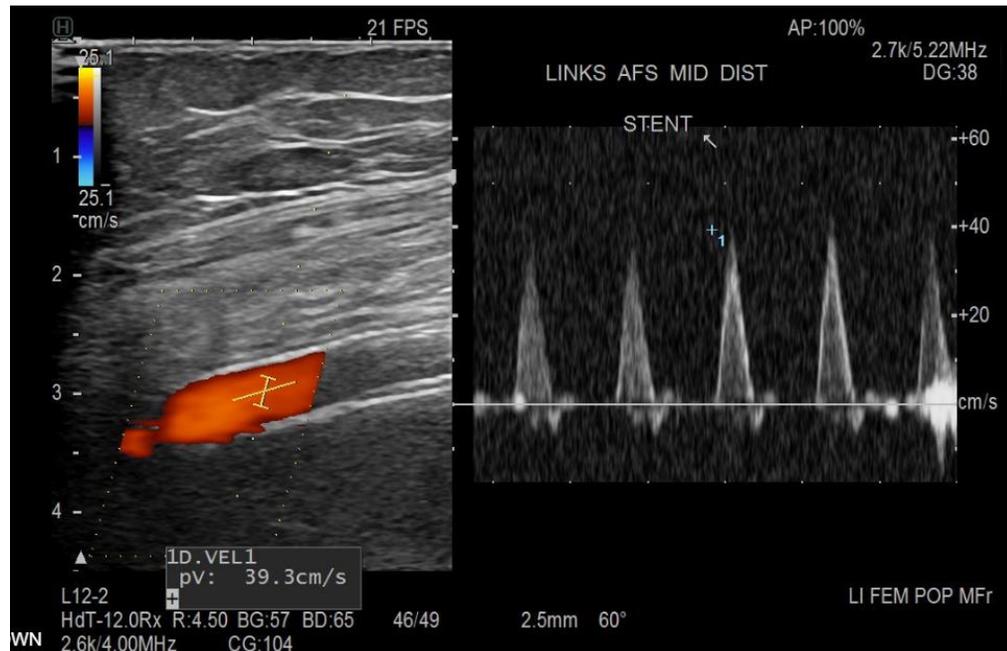
- Placement of covered stent-grafts (Viabahn)
- Dilation with Armada balloon 5x100



- Completion DSA



At 6w: unchanged claudication Fontaine 2a
walking distance of 200m



6. CONCLUSIONS & QUESTIONS

- Aiming for rapid revascularization = limb salvage
- Patient is satisfied, but are we?