Supera in the common femoral artery:
Case Presentation

Enrique Alejandre Lafont
In patient unfit for surgery we perform atherectomy.
unfit for surgery
atherectomy is not possible or ineffective

-> Supera

**VMI-CFI Trial** (Results after 730d)
Cumulative primary patency rate: 92.8%
Freedom from TLR: 97.8%
Cumulative survival: 85.5%.
Stenting

Peripheral Vascular Disease

Percutaneous revascularization of the common femoral artery for limb ischemia†

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At 24 months, the sustained clinical improvement, the primary patency rate, and the target lesion and extremity revascularization rates were not different in the 2 groups. Perioperative morbidity and mortality rate was significantly lower among patients who underwent endovascular therapy.
Case Presentation

• 68 yo woman
• Current smoker 50py
• Alcohol abuse
• Colitis ulcerosa (treated herself with NSAID and gruel since 2014)
• Coronary heart disease (refuses PTCA)
• Chronic osteomyelitis of the right lower jaw bone
• CLTI right leg with foot and calf ulcers (since several months)
• CTO of the CFA, SFA and stenosis of the EIA
• Coincident history: Endovascular treatment of a massive upper GI bleeding due to a duodenal ulcer, requiring a subsequent Nissen resection (6 months following recanalization of the right limb)
Strategy/Material

- Cross Over access with OmniFlush 4F
- 6F Terumo Destination sheath 45 cm
- Crossing of the SFA subintimal with 0,35“ Terumo soft and 5F Vertebralis 125 cm
- Change for a V18 3m
- PTA with 5/200 and 6/200 at 8bar for 2 min
- DCB with two Ranger 6/150 at 8 bar for 3 min.
- POBA of the common femoral artery with 7/60 at 8bar for 3 min
- Stent in the common femoral artery: Supera 6,5/60
- Stent in the external iliac artery: Everflex 7/60
- Postdilation of the Supera and the Everflex stents
Last follow up 04/19: Ulcers completely healed, no pain, no restenoses. Treated segments fully patent

She refuses further follow up visits due to her general poor condition

Last CT Scan in 09/19 (due to abdominal pain): good result in the iliofemoral section
74 yo man, Rutherford 4 both sides
Unfit for surgery (CAD, COPD, atrial fibrillation)

Non contrast CT 07/2018
Last Follow Up 10/2019: normalized perfusion, no pain, Stents patent
Take home message

*Supera in CFA is a feasible alternative to surgery in patients who are unfit for - or deny surgery*

*And for those in whom atherectomy is not possible or not effective*

*Supera may even be used as puncture site for up to 8F Sheath without problem*

*Always a case by case decision*

*A good interdisciplinary alliance, a careful vessel preparation and thorough stent deployment are key to success*
Thank You!
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