A challenging fempop case:

What would you have done?
How I treated?

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I have the following potential conflicts of interest to report:

- Consulting: Medtronic, Spectranetics, Biotronik, Abbott, BARD, iVascular, Bentley, Cook, GE healthcare
- Employment in industry
- Stockholder of a healthcare company
- Owner of a healthcare company
- Other(s)

I do not have any potential conflict of interest
Clinical Data, male patient 75yr

Medical History:
2007 : PTCA

Risk factors:
COPD, recurrent coronary disease
Hypercholesterolemia, former smoker

Present state:
Rest pain right leg since 3 months (Rutherford Becker 4)
Duplex Ultrasound : occlusion right CFA
Imaging

CT angio
Therapeutic Strategy

• Retrograde, left CFA access

• Cross-over procedure:
  0.035” curved stiff Glidewire 260cm (Terumo),
  5F, 75cm RIM Catheter (Cook Medical)

• Destination 6Fr, 45cm (Terumo)
Preop angiogram

- 6F, 45 cm Destination (Terumo)
- 0.035”, stiff, angled GW (Terumo)
Recanalization

- 6F, 45 cm Destination (Terumo)
- 0.035”, stiff, angled GW (Terumo)
- CXI 4F support cath (Cook medical)

**FAST SPINNING TECHNIQUE**
Recanalization

- 6F, 45 cm Destination (Terumo)
- 0.035", stiff, angled GW (Terumo)
- CXI 4F ANGLED (!) support cath (Cook medical)

FAST SPINNING TECHNIQUE
Run off check

- ESSENTIAL:
  - To check intraluminal position
  - To check afterwards on potential distal embolization
Preparing the vessel

- Exchanging for 0,018” Connect GW (Abbott Vascular)
- Armada 018; 3-60 balloon (Abbott Vascular)

Correct balloon choice
Correct sizing
Gradual inflation
Prolonged inflation time
Full deflation
Preparing the vessel

- Exchanging for 0.018” Connect GW (Abbott Vascular)
- Armada 018; 5-60 (Abbott Vascular)
Preparing the vessel

- Exchanging for 0.018” Connect GW (Abbott Vascular)
- Armada 018; 7-40 (Abbott Vascular)

- High performance balloons
Result post vessel prep

- Sufficient result?
- Definitive treatment?

Atherectomy?
DCB?
Scaffold?
Surgery?
Definitive treatment

SUPERA stent 6-60 (Abbott Vascular)
Definitive treatment

SUPERA stent 6-60 (Abbott Vascular)
Post dilatation

- Armada 018; 7-40 (Abbott Vascular)
Final result

- Need for deep femoral artery treatment?
First experiences in the VMI-CFA study : is the SUPERA a valuable alternative for CFA endarterectomy : Thursday, January 26th 2017, MAIN ARENA 1, 17:15h

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