The traditional SUBINTIMAL approach to
Femoro-Popliteal and BTK lesions

• Amman Bolia
No Disclosure
SUBINTIMAL ANGIOPLASTY

ADVANTAGES

- Broad range of INDICATIONS, therefore the potential to treat a lot more cases
- DURABLE
- Huge COST savings
SUBINTIMAL ANGIOPLASTY

INDICATIONS

FEMORO-POPLITEAL Occlusions

• Flush Occlusions
• Long Occlusions
• Common Femoral Bifurcation Occlusions
• Moderately Calcified Occlusions
SUBINTIMAL ANGIOPLASTY

INDICATIONS

BTK Occlusions

- Long Tibial Occlusions
- Bifurcation/Trifurcation Occlusions
- Multiple Tibial Occlusions
**SUBINTIMAL ANGIOPLASTY**

**DURABILITY**

**BTK**
- Durable and excellent Limb Salvage rates
- 85-90% Salvage rates in CLI

**F-P Occlusions**
- 70% unaided Patency at 1 yr.
- Improved secondary patency with good surveillance programme (64% at 5yrs – Florenes)
SUBINTIMAL ANGIOPLASTY

COSTS

• Undeniably cost effective
SFA Angioplasty

- One Part Needle
- Standard Teflon Coated Guidewire (0.035)
- Hydrophillic Curve tipped Guidewire (0.035)
- 4F Mini-Cath
- 5F Balloon catheter
- Simple Inflation Device

£ 76 (Euros 100)

+ Sheath

£ 86 (Euros 113)
TIBIAL Angioplasty

- One Part Needle
- Standard Teflon Coated Guidewire (0.035)
- Hydrophillic Curve tipped Guidewire (0.035)
- 1.5mm Hydrophillic Guidewire (0.035)
- 4F Mini-Cath
- 5F Balloon catheter
- Simple Inflation Device

£ 111 (Euros 146)

+ Sheath

£ 121 (Euros 159)
SFA + TIBIAL Angioplasty

- One Part Needle
- Standard Teflon Coated Guidewire
- Hydrophillic Curve tipped Guidewire
- 1.5mm Hydrophillic Guidewire
- Mini-Cath
- 5F Balloon catheter (X2)
- Simple Inflation Device
- Sheath

£ 156 (Euros 205)
SUMMARY

- SFA Angioplasty = Euros 100
- TIBIAL Angioplasty = Euros 150
- SFA + TIBIAL = Euros 200
Cost = £5 (Euros <7)

Cost = £30 (Euros 40)
Antegradepuncture (No sheath)

Flush SFA Occ
DURABILITY

SFA – The power of remodelling
OPTIONS

- Stents (which, how many, ? DES)
  - fractures, crossing knee joint, Intimal
  - hyperplasia/re-occlusion, costs
- Atherectomy
- SIA + DEB
- SIA (POBA)
26-01-2015 (3 years later!)
26-01-2015 (Post plasty)
TIBIAL SIA
Long AT occ.
Multiple Tibial Recanalisation
Trifurcation reconstitution
Conclusion

- SIA is an established procedure, can be done cheaply
- The only way to Rx long occ and Trifurc. Occ
- It is the 1st line Rx for CLI.
- Limb salvage rates of 85-90% can be expected
- SIA has the potential to make a MAJOR impact on CLI
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