

NYLL engene Helseld statis Distense Venezier and Endownschaft Burgery Disclosures - Consulting/Training/Advisory Role - Cook - Gore - Shockwave

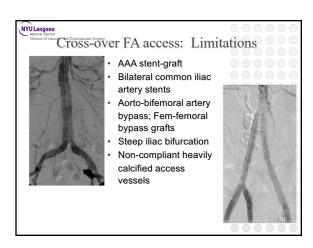
Vascular Access for L.E. intervention

• Retrograde - Cross-over femoral artery access

> Most commonly used access to the lower extremity from the contralateral femoral artery

> Familiar, easy & convenient ('Comfort zone')

> Have limitations



But even in absence of anatomical or physiological limitations.....

• Antegrade SFA access can be considered arterial access in many cases

• Safe

• Fast

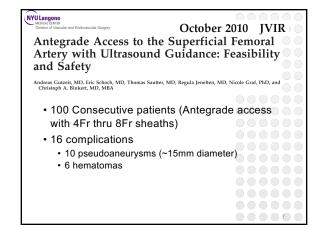
• Effective for tx of mid to distal SFA and BTK lesions

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Antegrade SFA Access

• First described in 1993 (25 patients and only 1 complication) Blais et al. Can Assoc Radiol J

• In 2007, Use in a "hostile groin" – 30 patients (Marcus et. al. Cardiovac Intervent Radiol 2007)



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Magada Article

Safety and Outcomes of Ipsilateral Antegrade
Angioplasty for Femoropopliteal Disease

James Cragg, MRCS¹, Danielle Lowry, MRCS¹,
Jonathan Hopkins, FRCR³, David Parker, BSc², Mark Kay, FRCS¹,
Martin Duddy, FRCR², and Alok Tiwari, FRCSEd¹

• 556 patients underwent fem-pop angioplasty

• 461 (82%) had antegrade CFA access and these were compared to the remaining retrograde approaches

Angioplasty for Femoropopliteal Disease

Safety and Outcomes of Ipsilateral Antegrade Angioplasty for Femoropopliteal Disease

James Cragg, MRCS¹, Danielle Lowry, MRCS¹, Jonathan Hopkins, FRCR¹, David Parker, BS², Mark Kay, FRCS¹, Marrin Duddy, FRCR¹, and Alok Tiwari, FRCSEd¹

• Antegrade CFA had less contrast and radiation (p<.001)

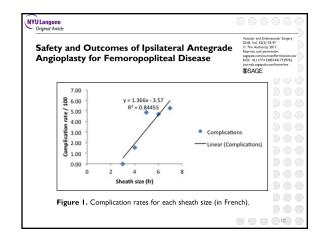
• No statistically significant difference in

• Periprocedural complication rate

• 15.8% Antegrade vs 11.6% Retrograde (p=.292)

• Access site complication rate

• 3.7% Antegrade vs. 1.1% Retrograde (p=.181)



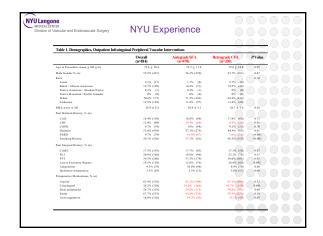
Antegrade vs Crossover Femoral Artery
Access in the Endovascular Treatment of
Isolated Below-the-Knee Lesions in
Patients With Critical Limb Ischemia

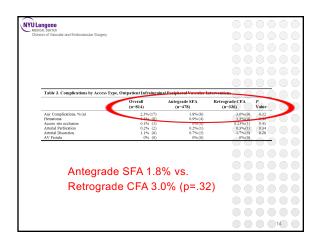
Yukun Li, MD^{1,2}, Ali Esmail, MD³, Konstantinos P. Donas, MD^{1,2},
Georgios Pitoulias, MD^{1,2,4}, Giovanni Torsello, MD^{1,3}, Theodosios Bisdas, MD^{1,2},
Stefano Michelagnoli, MD³, and Nicola Troisl, MD³

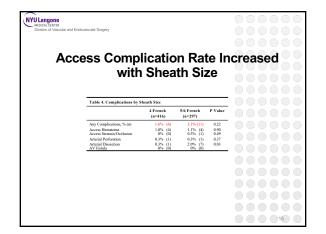
• 224 patients from 3 European centers

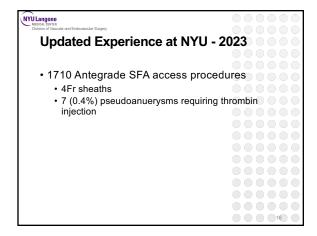
• Antegrade (mixed CFA and SFA) compared to
crossover Retrograde CFA access

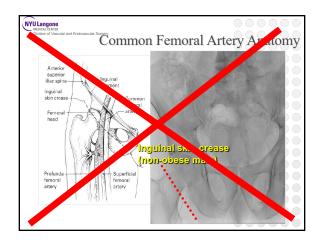




















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Photos d'Vacular de Endoueute Surgery

Available Devices

Balloons

Numerous manufacturers

Stents

Biotronik

Atherectomy devices

CSI and Laser

Lower profile sheaths can allow even larger devices!

Slender 4/5

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