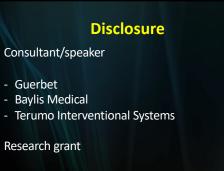
Endovascular Brachiocephalic And IVC Bypass Graft Creation: Changing What Is (Im)Possible



Marcelo Guimaraes, MD MBA FSIR Vascular Interventional Radiology Professor of Radiology and Surgery Medical University of South Carolina





- Terumo Interventional Systems

Sniper technique and Image Fusion

Fem, 42 yo

• Sickle cell disease Multiple central lines in

the past Painful varices in the

torso and abdomen

 Port place in the right upper chest





Sniper Technique:

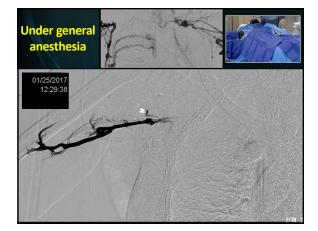
BEFORE GETTING ACCESS: Mark Subxiphoid window Prep and draped

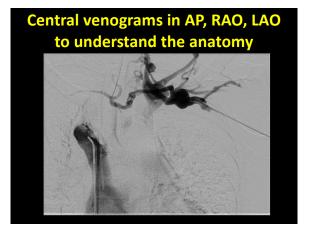


~ Pericardium drainage tray handy Chest drain handy Assign personnel tasks

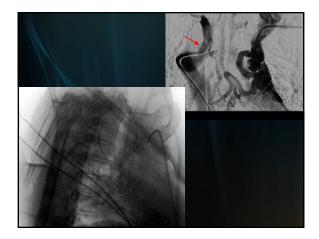
Take a Baseline Cardiac US image

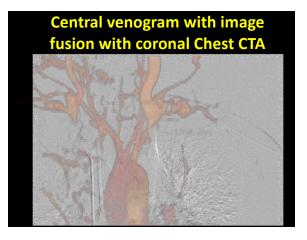




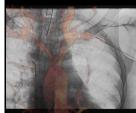


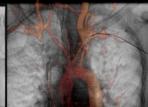




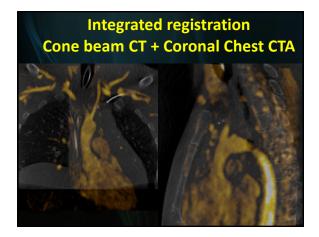


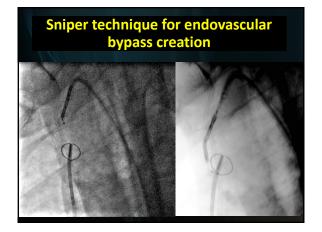
Fluoroscopy with image fusion with coronal Chest CTA

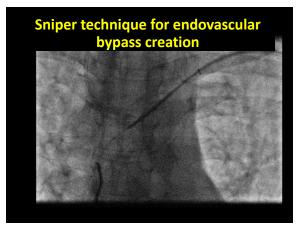


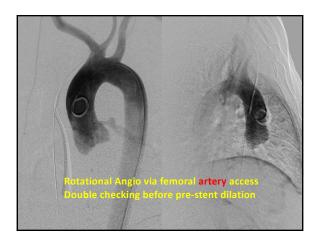


Failure of conventional technique

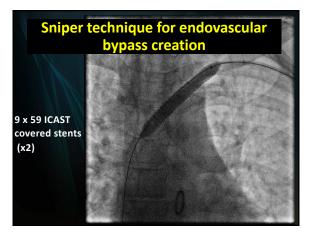


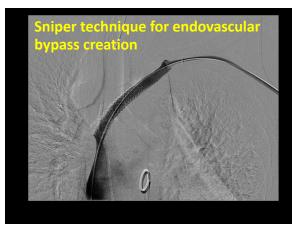


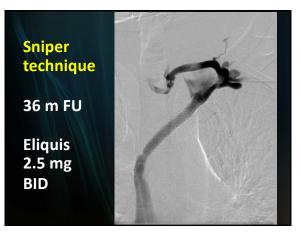






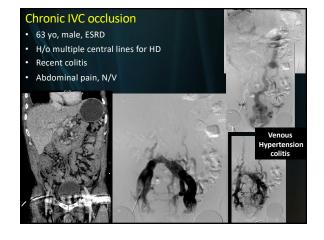




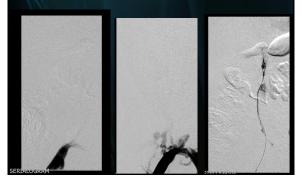








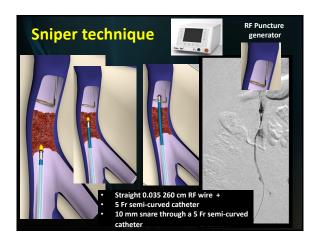
Take the time to find the correct track, multiple views or do a CBCT

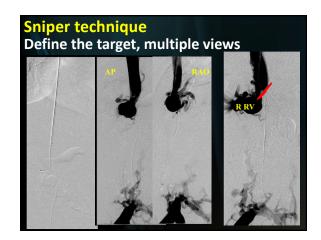


Got stuck here now what?

Re-entry tools

- Colapinto needle
- Back end of stiff guidewire
- Outback Device
- Pioneer Device
- PowerWire RF Guidewire (Sniper technique)

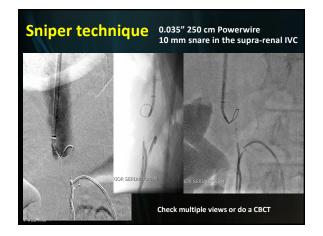


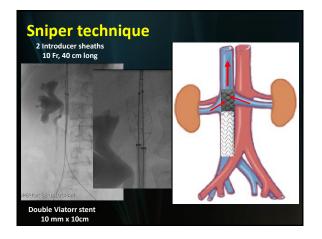


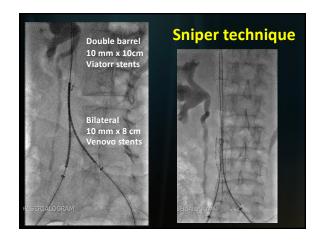


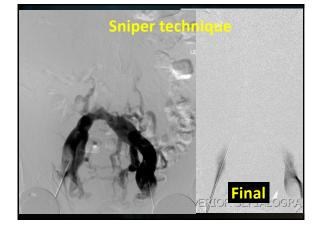






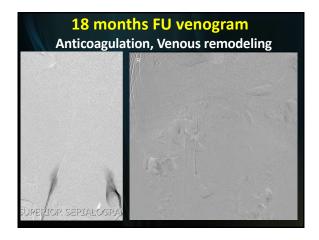






Post-op management

- Anticoagulation
- Compression hose
- Exercise (walks)
- FU in clinic





Tips to take home

 Sniper technique is an effective and safe alternative after failed attempt to recanalize CVOs with conventional techniques



 Take all measures to protect your patients.

BACKTABLE PODCAST: EPISODE 373

