



« Problems after percutaneous AVF creation - Ellipsys »

Alexandros Mallios MD
Paris - France



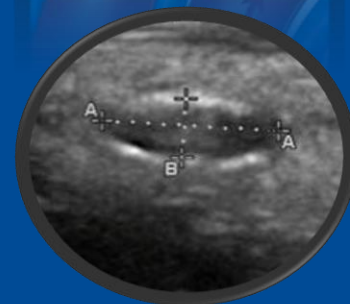
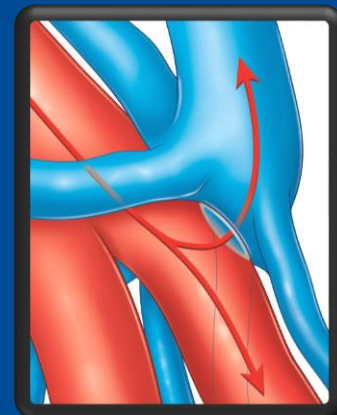
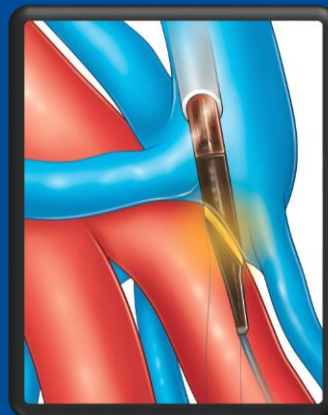
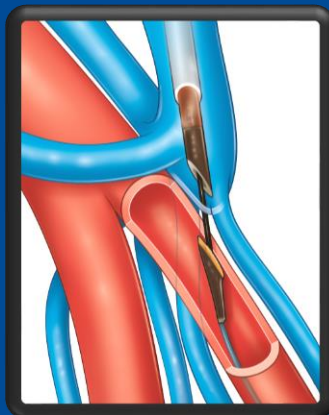
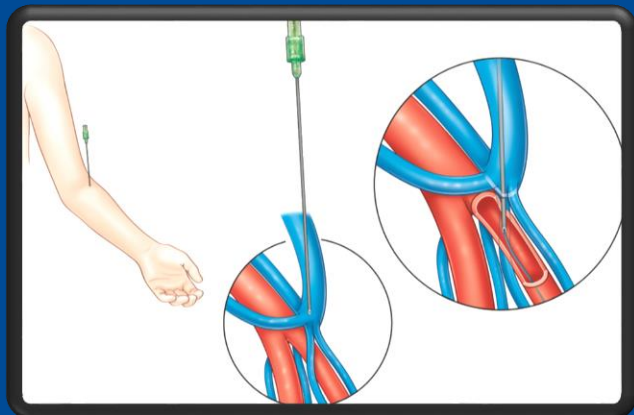


Disclosures

- Speaker name: Alexandros Mallios, MD
- I have the following potential conflicts of interest to report:

Consulting and/or Stockholder of a healthcare company:

Avenu Medical, BD-Bard, Medtronic, Fujifilm-Sonosite, Spectranetics





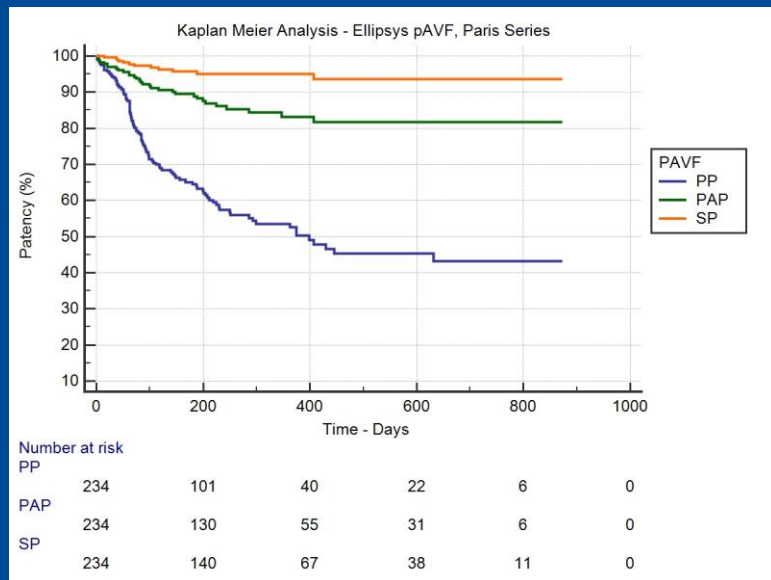
- May 2017 – January 2020 - 283 patients
- 99% technical success
- Mean Follow-up 295 days (11-873 months)
- 62% Primary patency
- 88% Primary assisted patency
- 96% Secondary patency



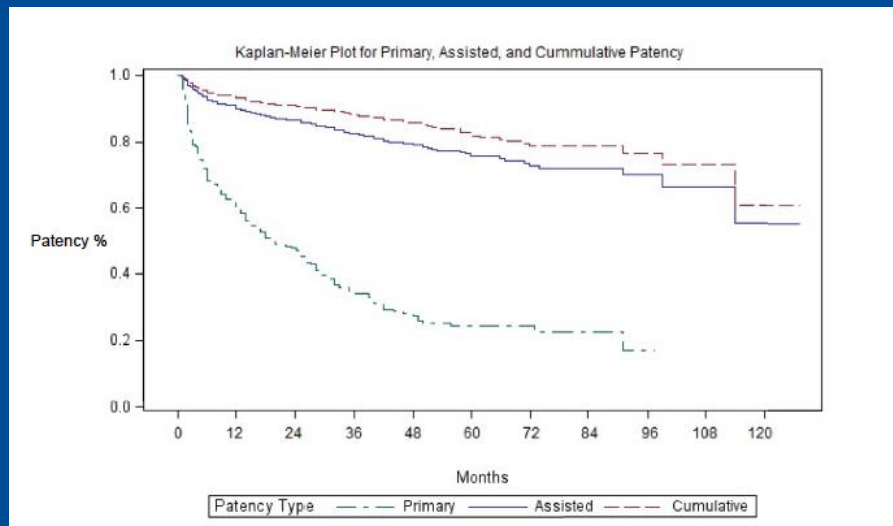
- No Serious Adverse Events
- Mean access flow: 925ml/min (brachial artery / range: 425-1440)
- No steal syndrome
- 12% superficializations (14 patients)
- Average maturation time: 4,1 weeks
- 10% - early cannulation (<2 weeks)



Kaplan-Meier Survival Analysis



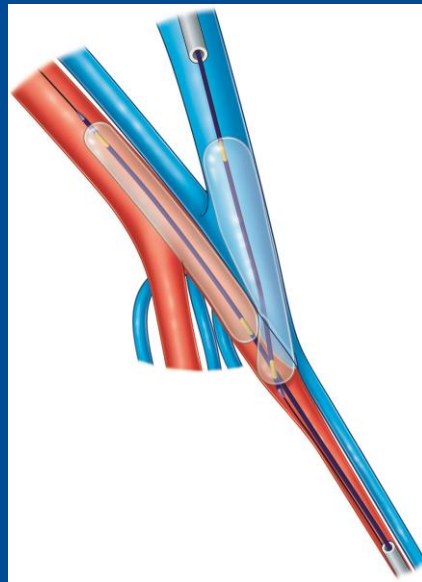
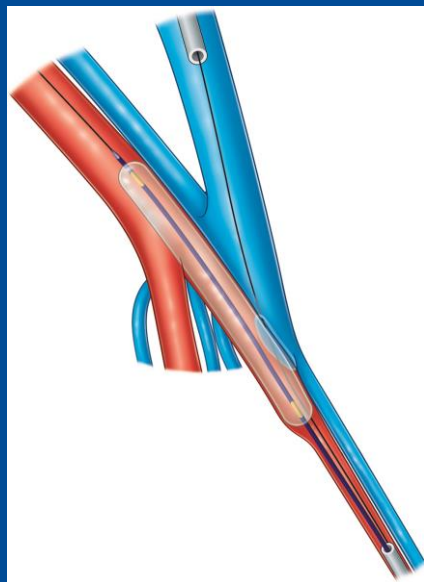
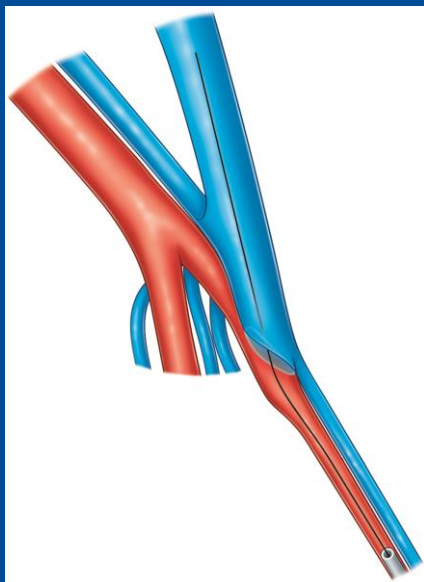
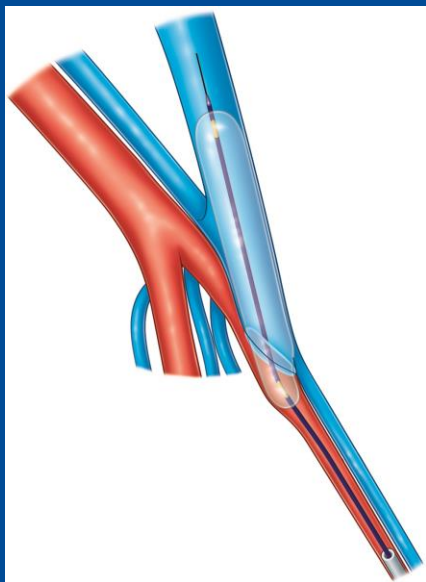
Jennings et al – Surgical PRA –AVF, JVS-2017

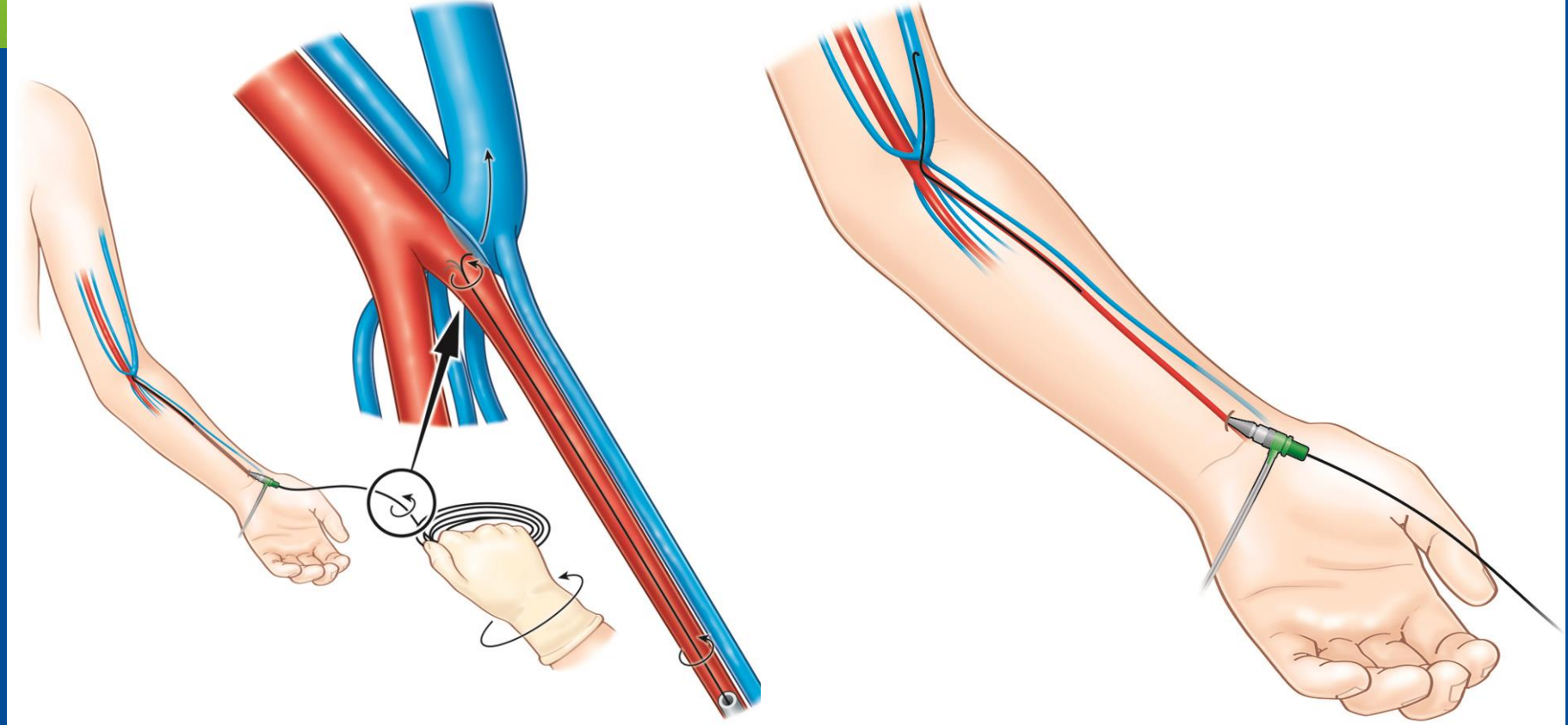


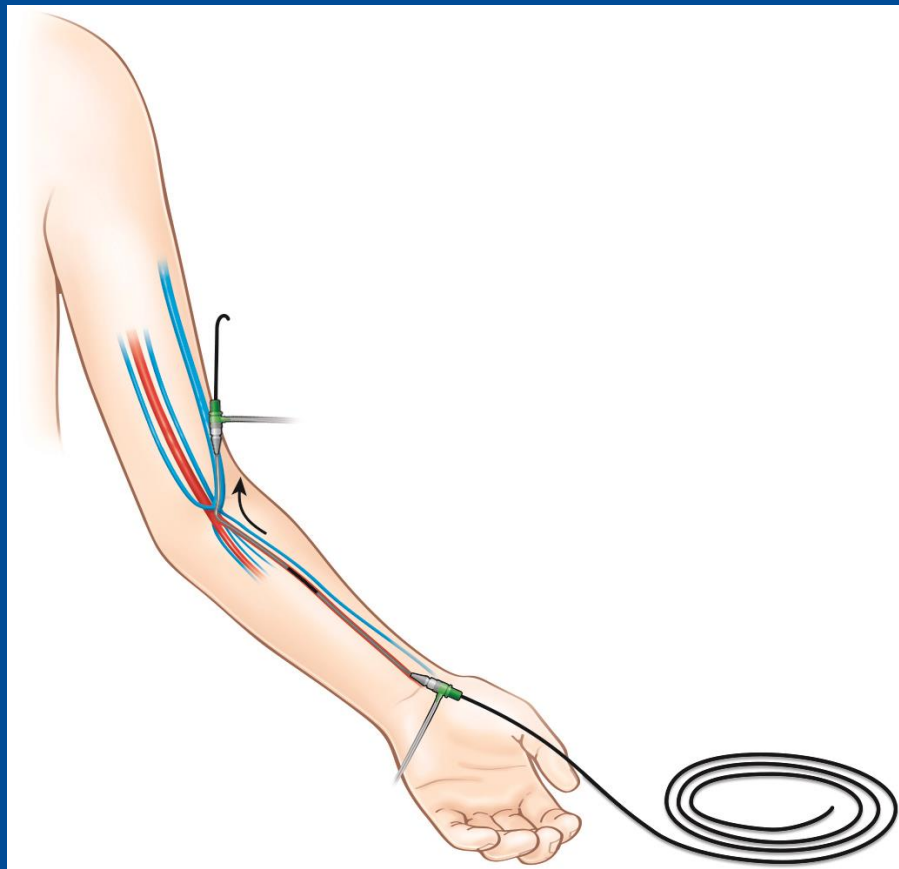
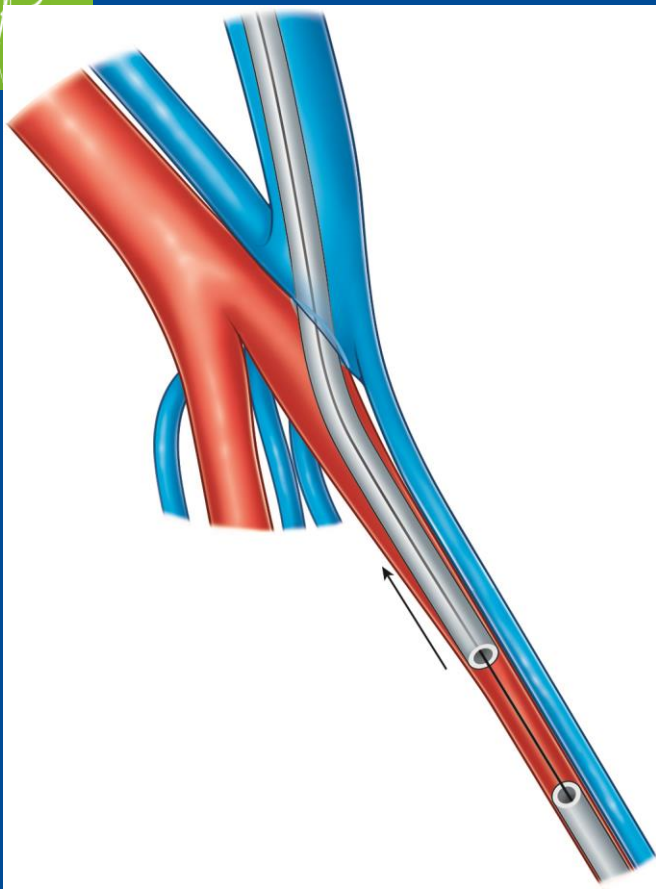


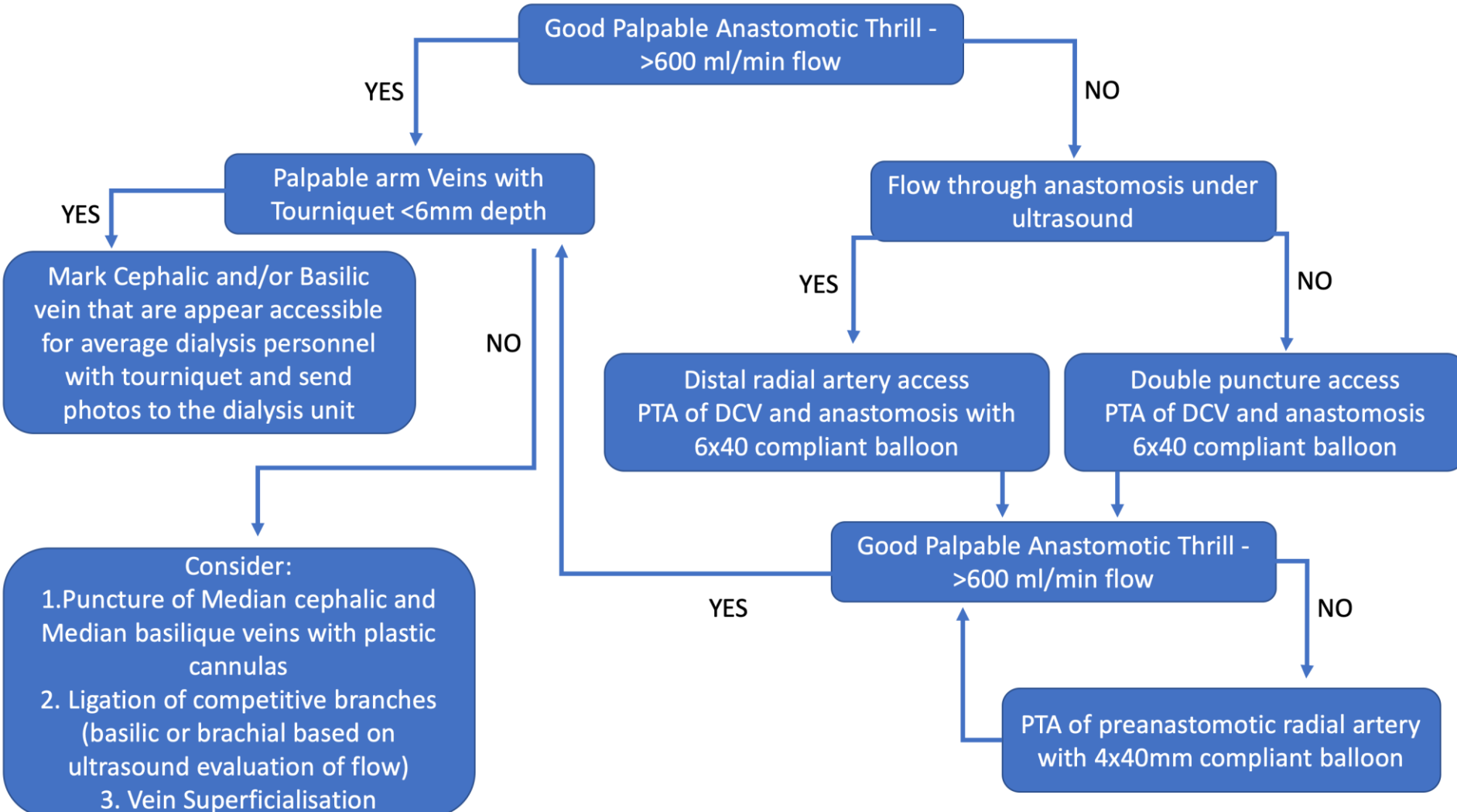
“Problems”

- May 2017 – January 2020 - **283 patients**
- **38% PTA – post-anastomotic segment / pre-anastomotic radial artery**
- 3 conversions (1%)
- 2 distal radial artery occlusions (<1% - asymptomatic)



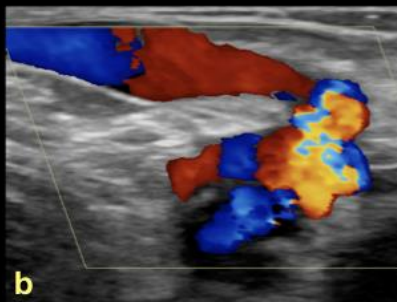
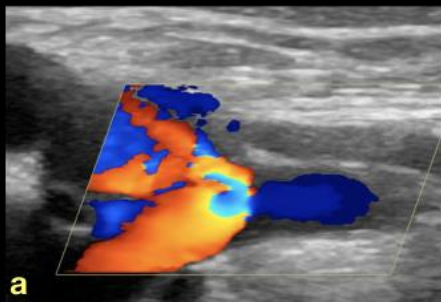






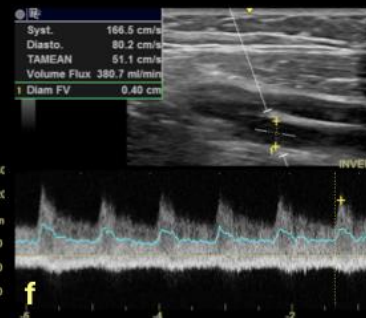
YES

Mark Cephalic and
vein that are appear
for average dialysis
with tourniquet
photos to the di



NO

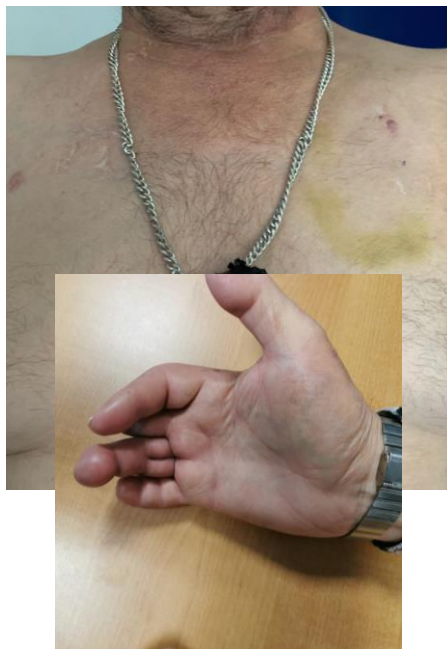
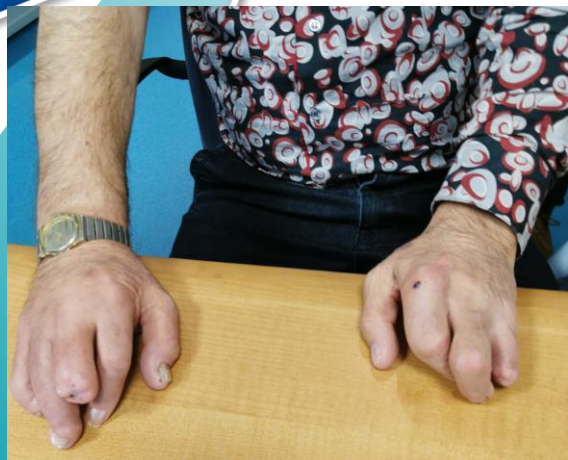
re access
anastomosis
t balloon



NO

Consider
1. Puncture of Med
Median basilique
cann
2. Ligation of com
(basilic or brach
ultrasound eval
3. Vein Super

radial artery
t balloon





THANK YOU FOR YOUR ATTENTION



**L'INSTITUT
MUTUALISTE
MONTSOURIS**

