

# Open technique in graft salvage

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# What is the graft salvage ??

- Rescue the problematic access to restore the function
  - Ongoing cannulate

# Why we need to salvage graft ???

- Prolong patency of the access
  - To keep the next suitable site for a new access in future
- Promptly cannulate after salvage
  - No maturation time
- Don't need to catheter insertion

# What is the common problem ??

- Thrombosis
- Infection
- Central venous occlusion with venous hypertension
- Access aneurysm



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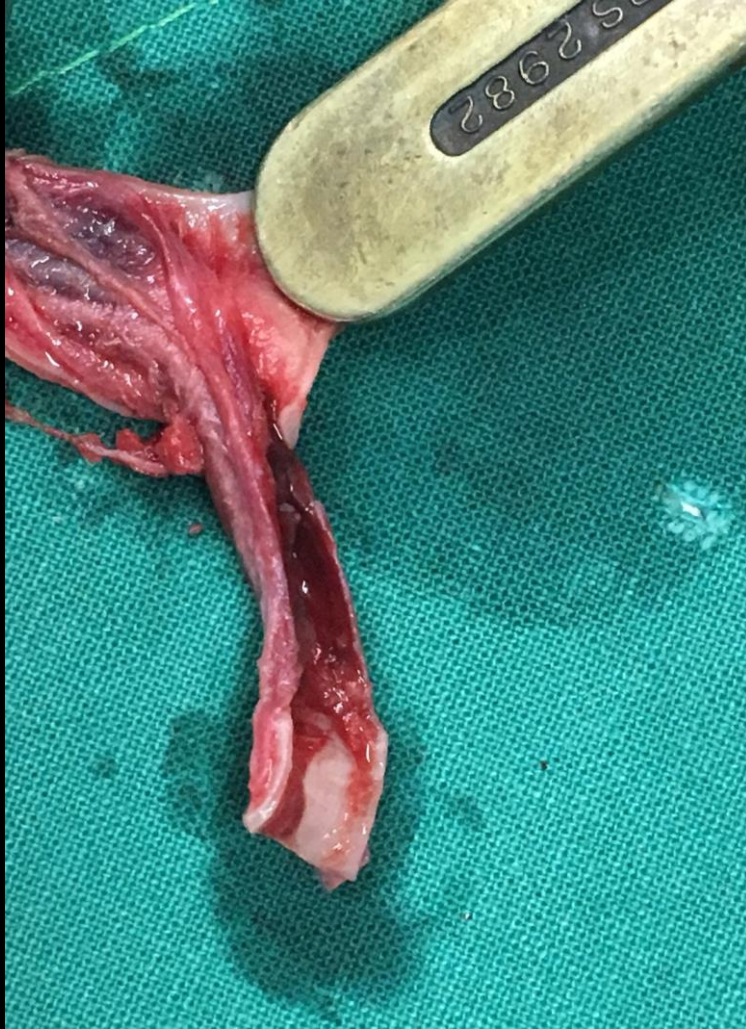
- Concern issue
  - Good or normal part
  - Site of problem
    - Graft , inflow anastomosis , venous out flow
  - How to correct the problem
  - Cannulation site
  - Can we use the graft after salvage

- Technique of salvage
  - Keep the good part
  - Preserve area for cannulation
  - Correct the problem site
    - Bypass , replace , patch
    - May be need to add on endovascular
    - Remove the infected part
  - Separate sterile and contamination field
    - Infected graft
  - Restoration the flow

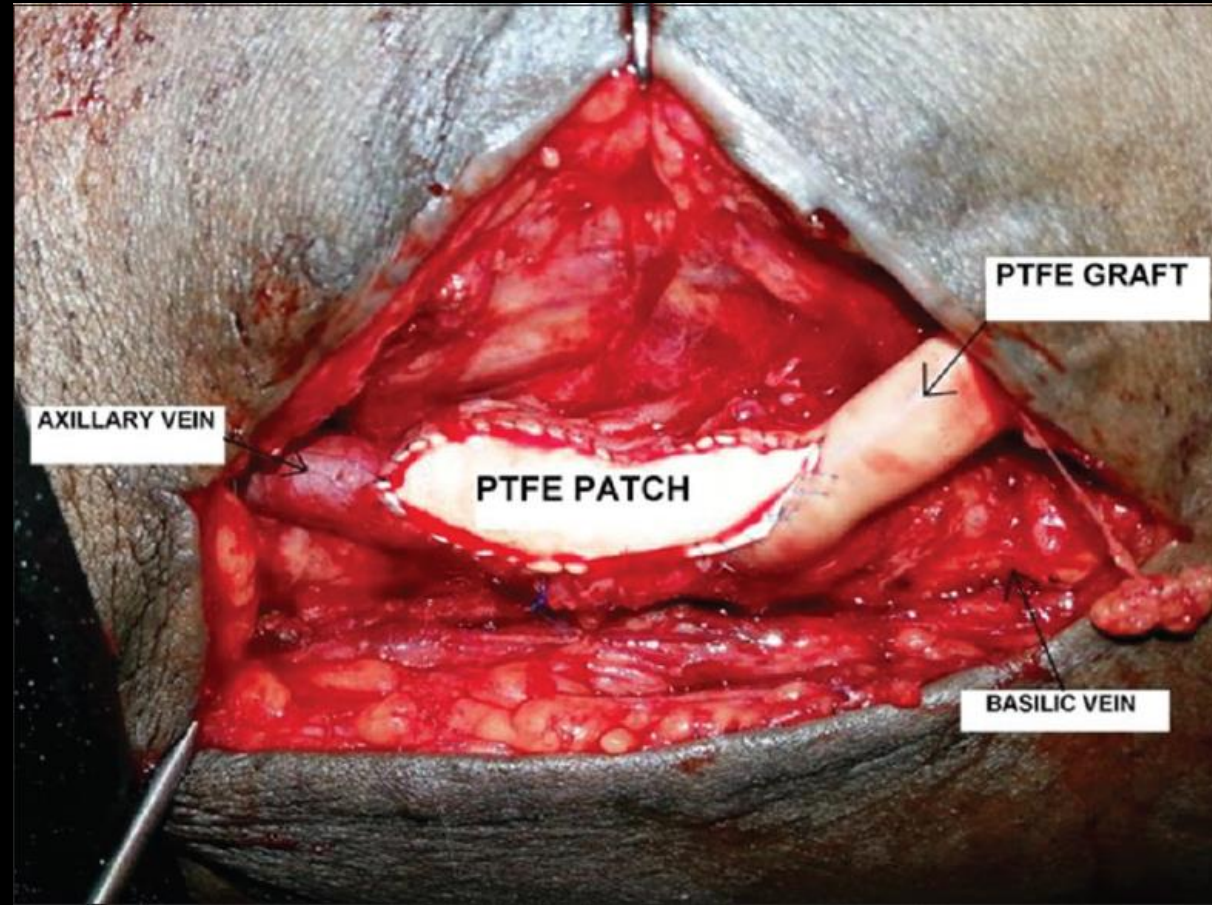


How I do it ?



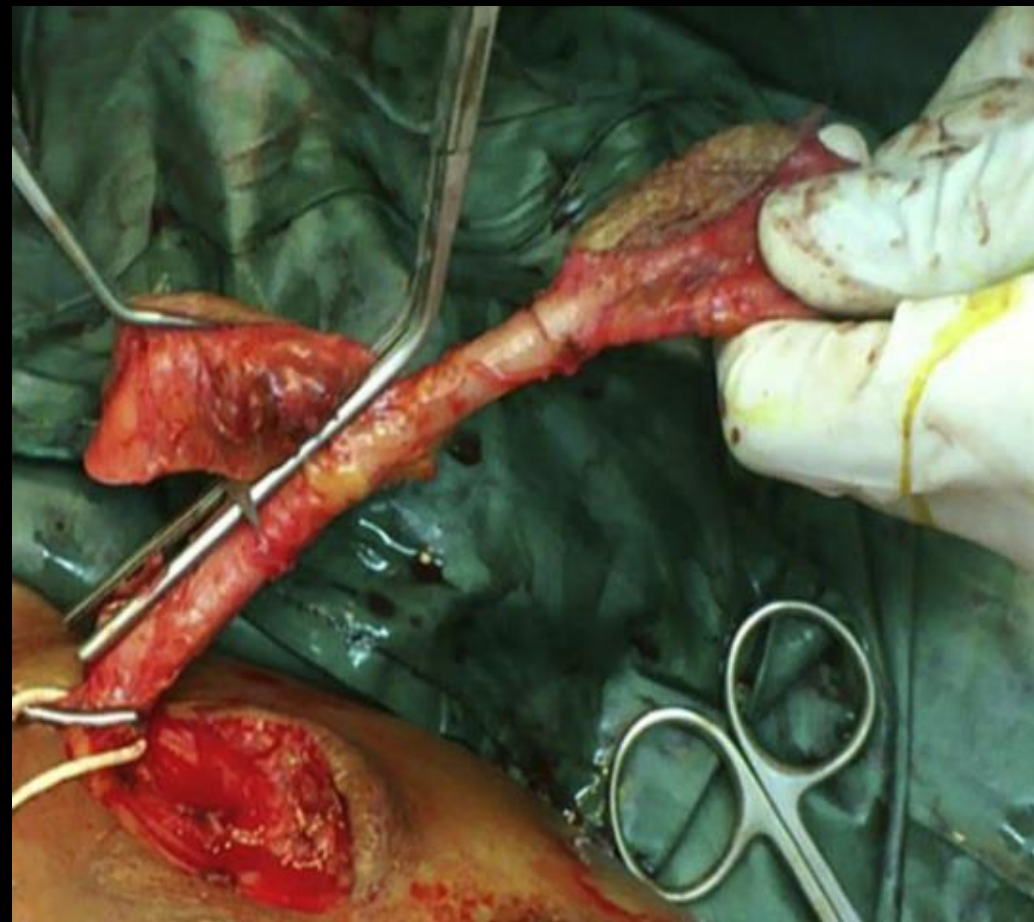










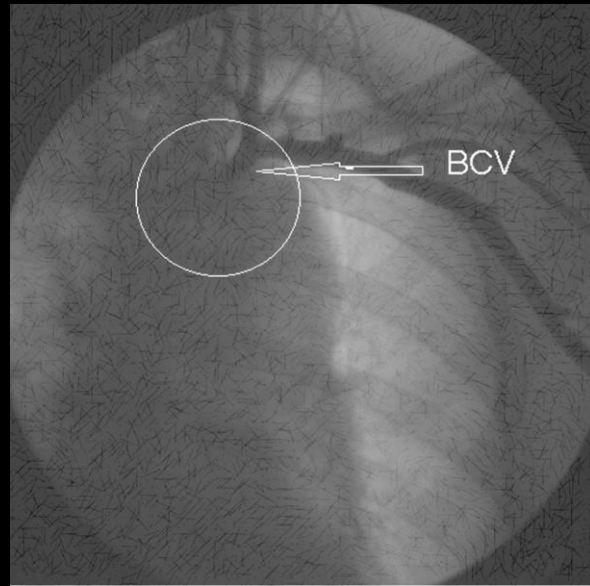
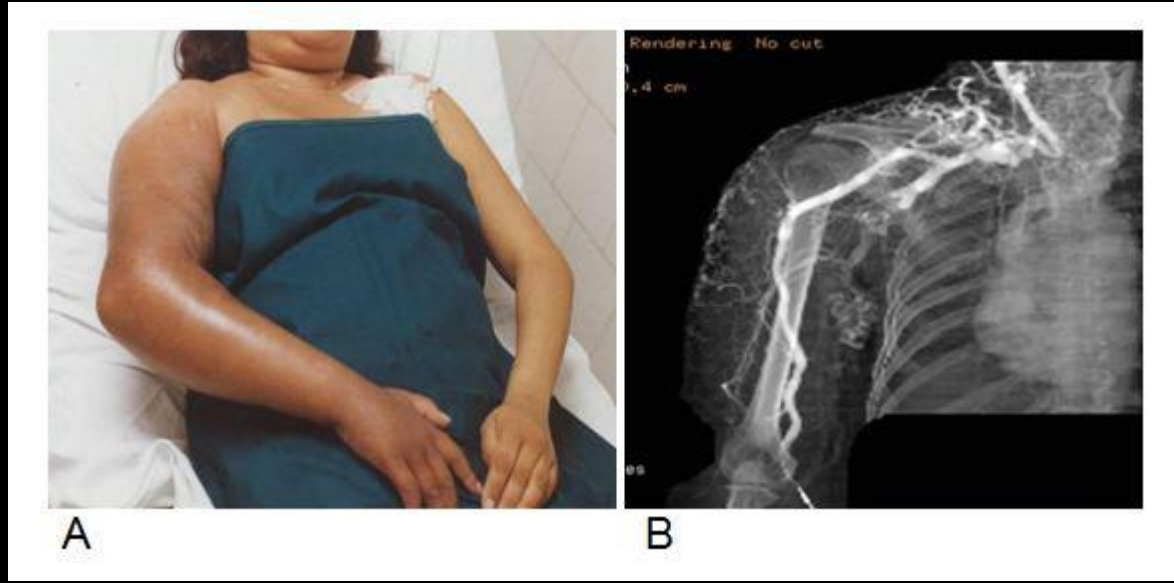




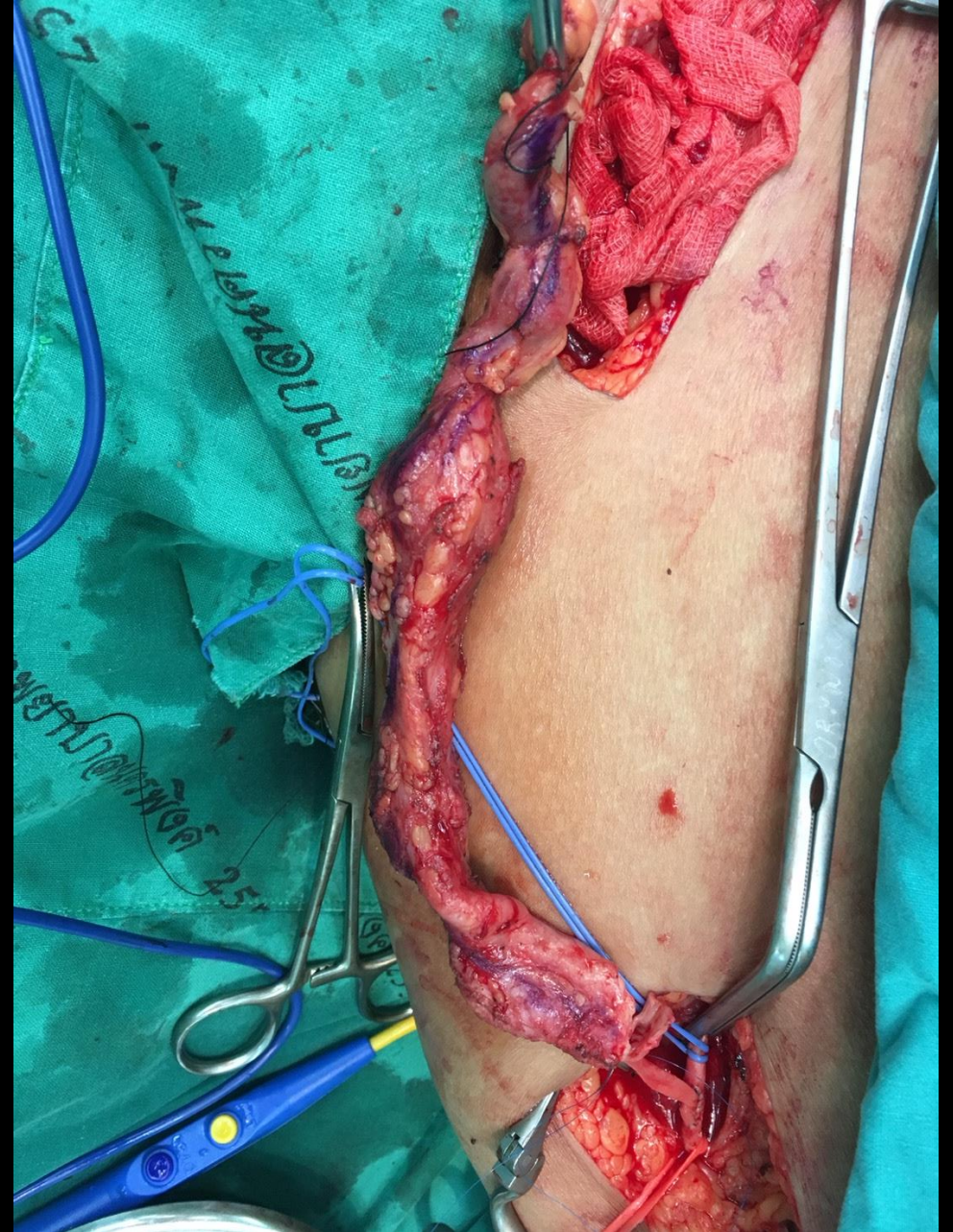
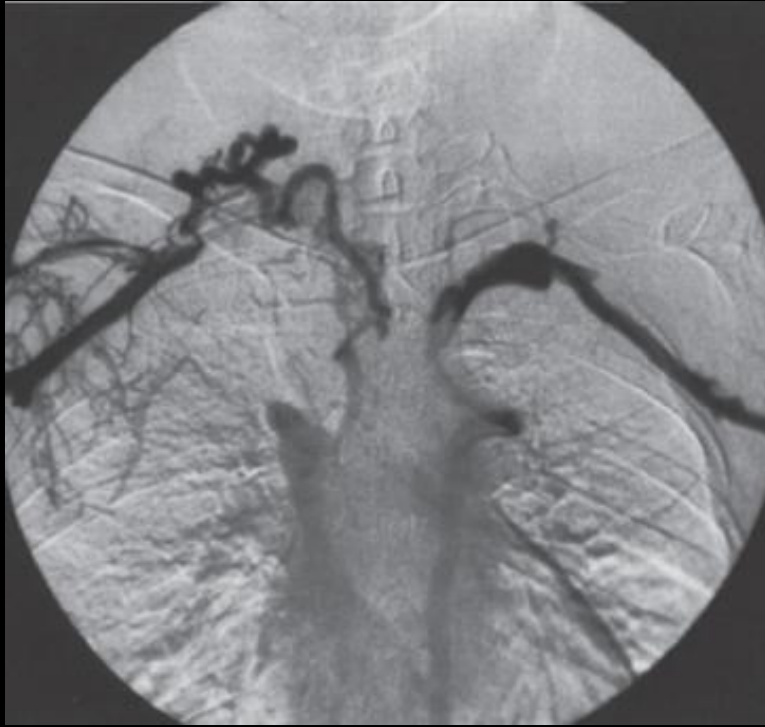












Thank you.









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