Simple Aneurysmorrhaphy Combined with a Novel Banding Technique Provides Good Short-Term Results

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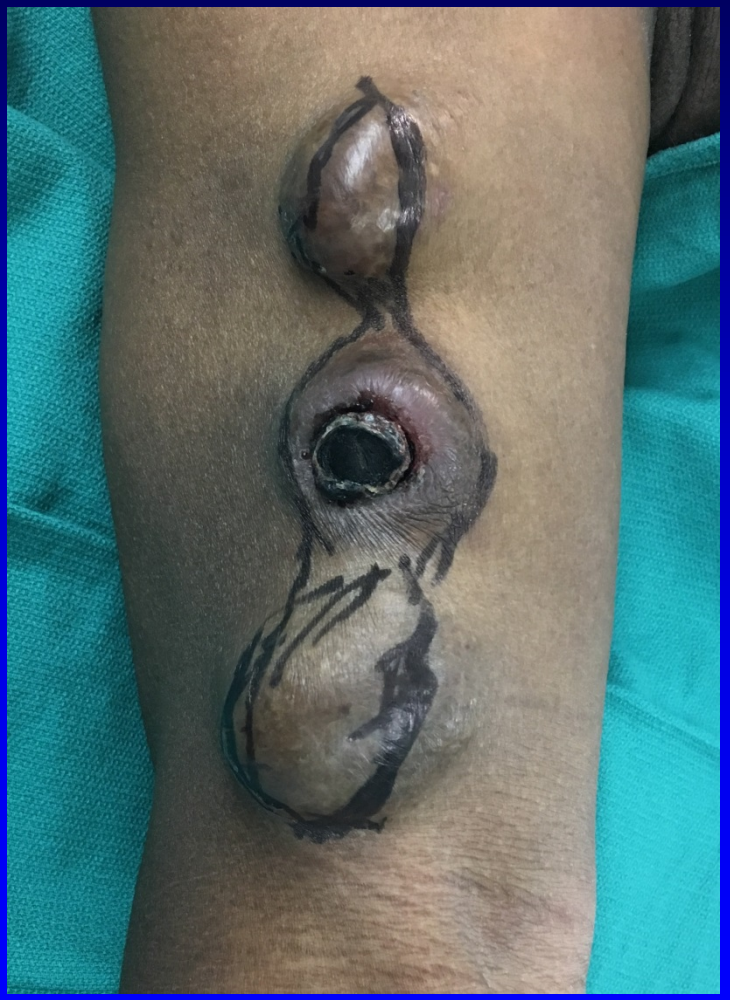
What's the Problem?



USRDS 2007

My Solutions

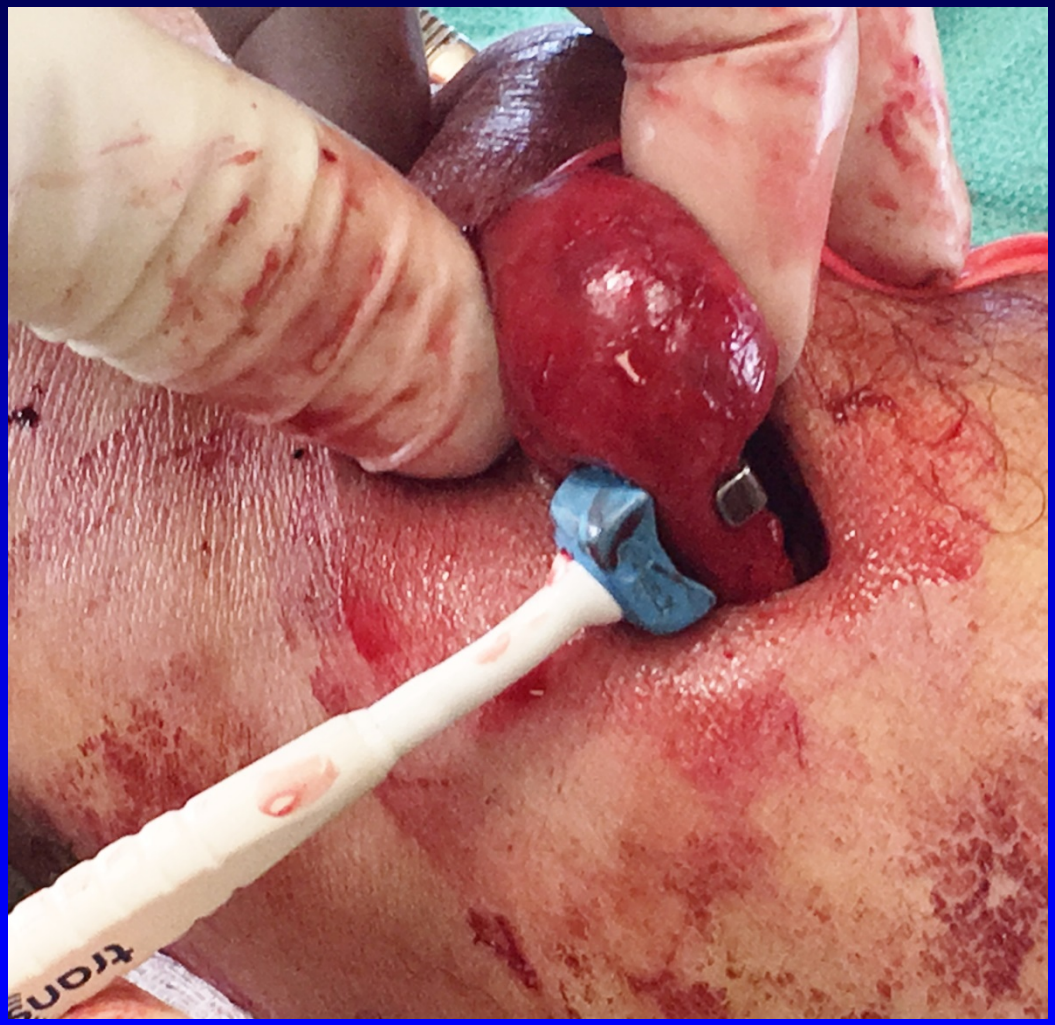
- Too little outflow---Angioplasty/Stent
- Too much inflow---Biological Wrap
- Ulcerations and increased size--Excise and Reconstruct by Simple Aneurysmorrhaphy

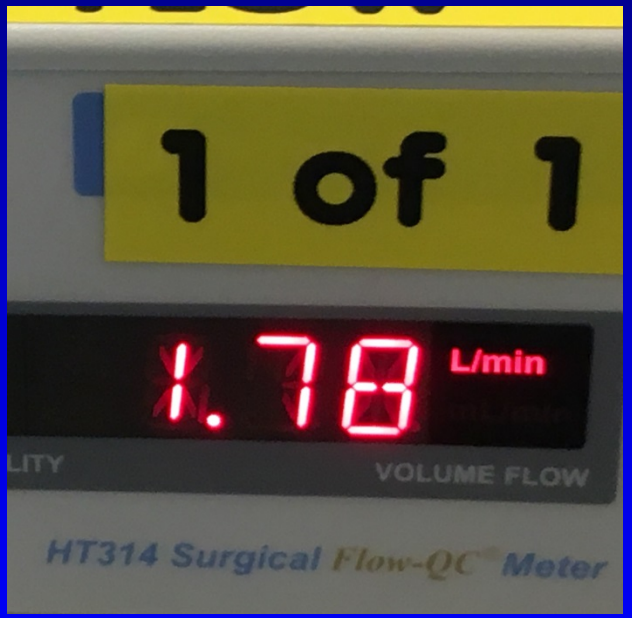
Reported Cohort

19 Consecutive cases (5/16-7/17) with follow-up through March 2018 (mean=15 months)

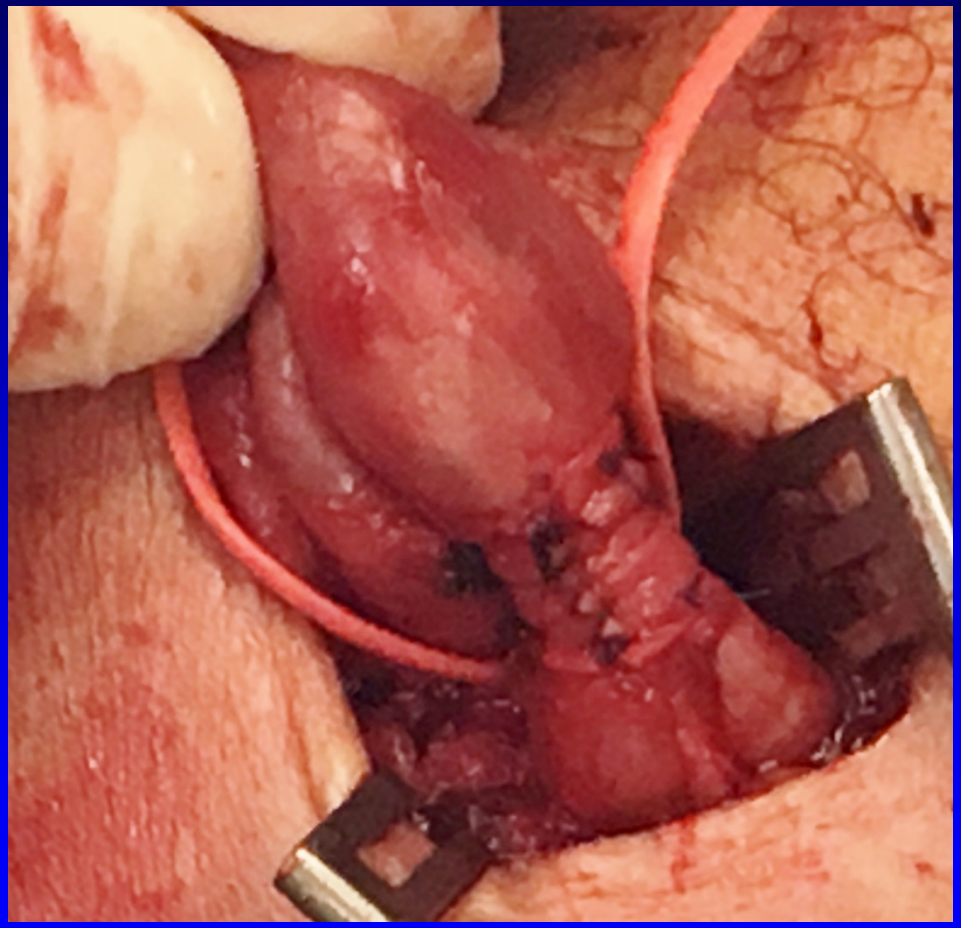
- Male 74%
- Diabetic 58%
- Hypertensive 100%
- Brachiocephalic 95%
- Average Flow 1550 ml/min

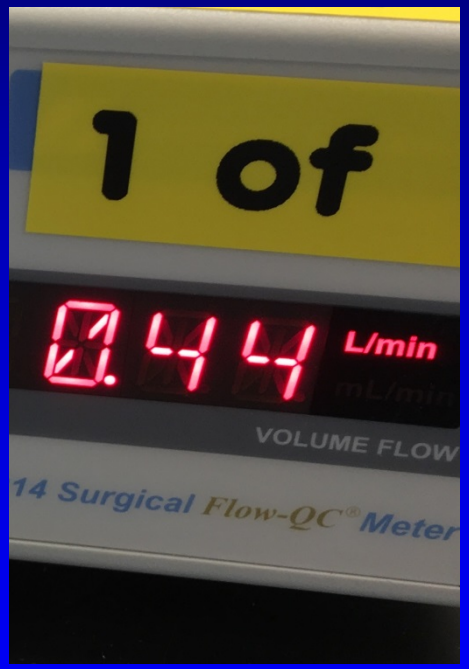
Step 1: Measure Inflow



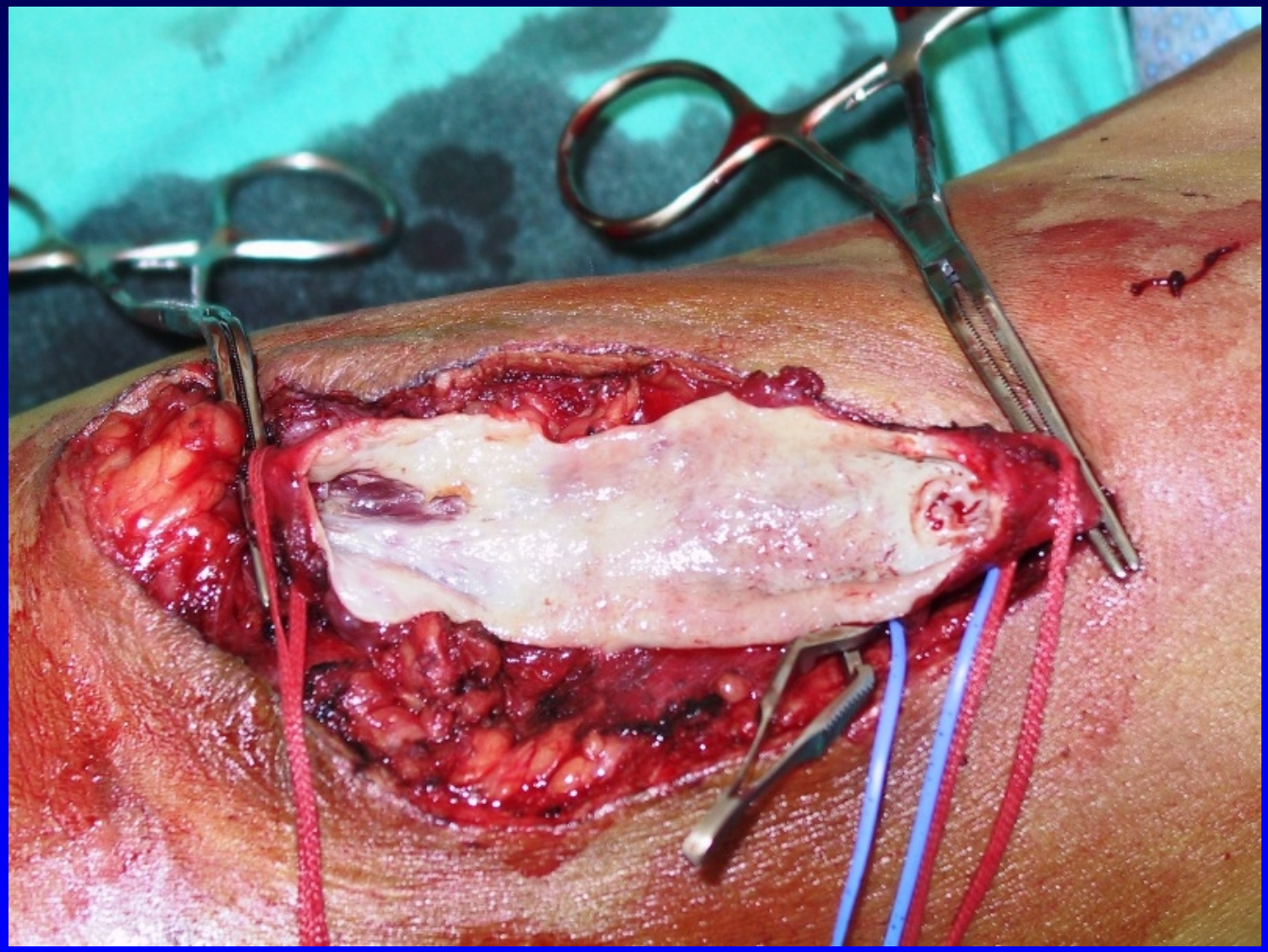


Step 2: Wrap Inflow

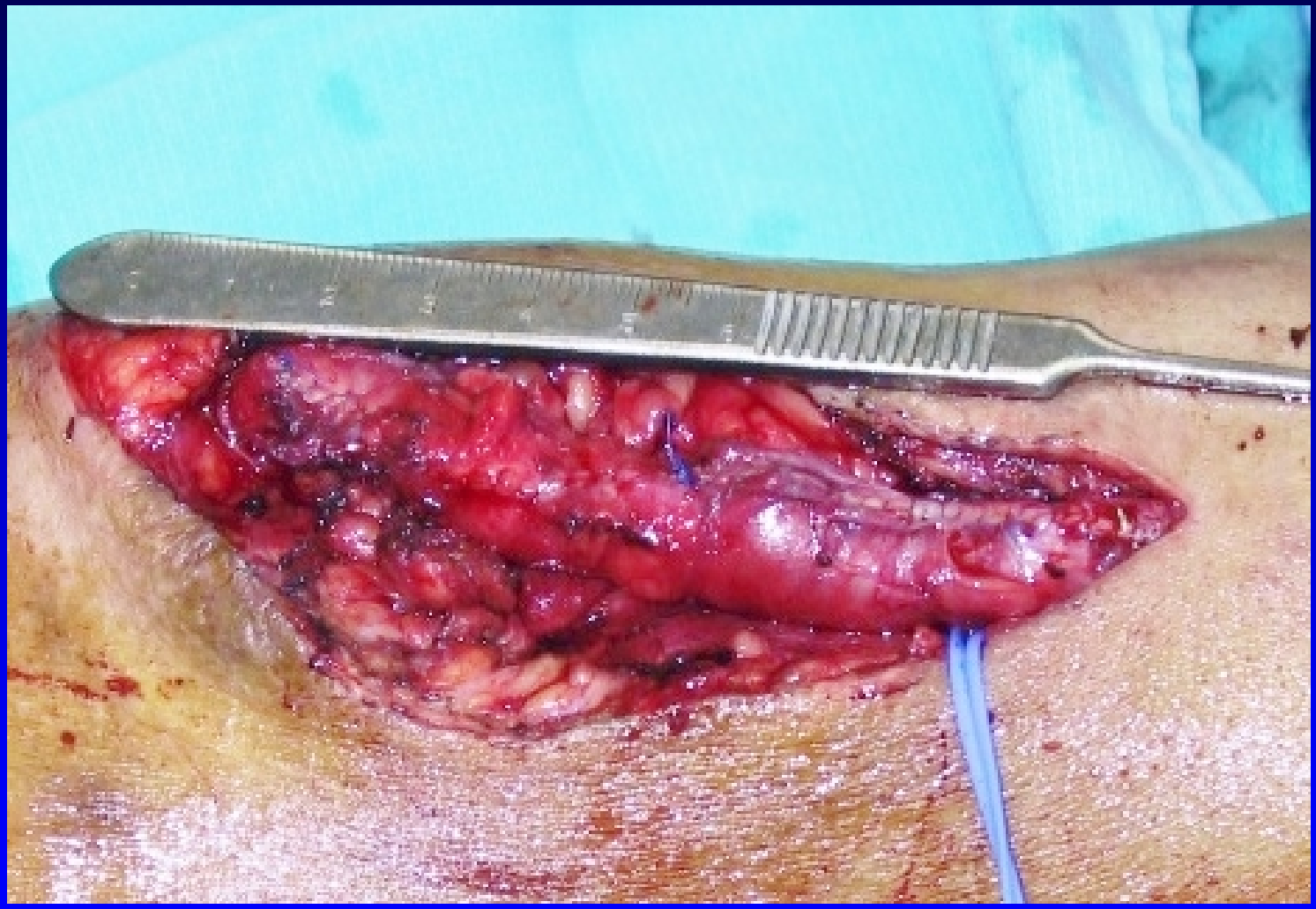




Step 3: Excise Excess Tissue



Step 4: Reconstruct Conduit



Results

- No recurrences (yet)
- No Thromboses or blow-outs
- All Fistulas still functioning
- Operating Time <90 minutes