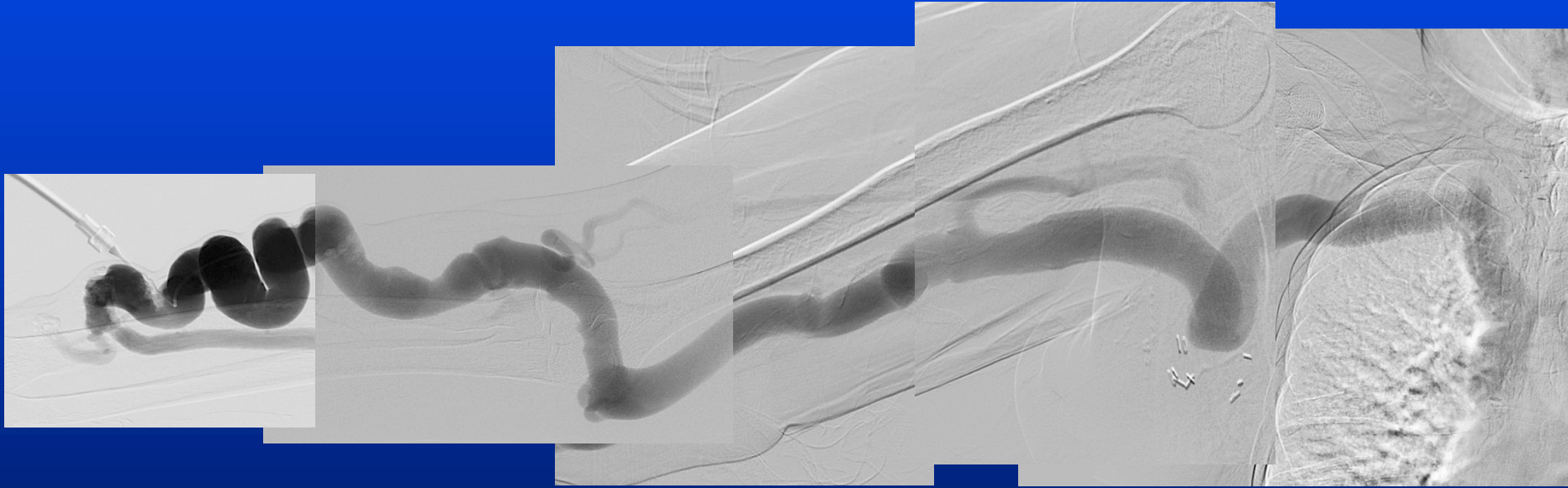


Consultant/Independent Contractor:  
Teleflex, MedComp, Cook, BD Bard,  
Lutonix, Adrenas  
Royalty: Cook, Teleflex

# Who Should Be Creating endoAVF and How?



This fistula is 40 years old

# Who?



If you think I am going to answer that question,  
you can stop listening now!

# Quality and Best Practices

- Highest fistula prevalence in Europe?
  - Italy-why?
- Highest stent (mostly BMS) rates in US?
  - Free-standing centers-why?
- Much lower fistula maturation than expected (40%) in large RCT\*
  - Why?

\*Dember et al, JAMA 2008;299(18):2164-2171



# Quality and Transparency

- Detailed records (intention to treat)
  - screening (ie, forearm AVF)
  - complications
  - maturation rate
  - additional interventions
  - catheter use
- Available to patient and referring provider



# Not just a fistula



- Jeff Hull CIDA 2017 “We have a device that creates a fistula”
- Starting point only
- Embolization, superficialization, ligation, etc
- Complete support system needed
- **FUNCTIONAL** fistula
  - definition will vary

# It's About the Patient

- Educated patient who knows provider
- Support from creation to use
- Ensuring maturation swift and efficient
- Helping with cannulation issues
- Being engaged



# Team vs Individual

- Individual with interest and expertise in all aspects and time (uncommon)
- Team in which individuals contribute core skills (more common)
- No place for “lone wolf”
  - “connecting for \$/€”

# How?

- Very cusp of new technology for eAVF
- Evolution will occur
- Far too early to tell
- Must not repeat errors of past

# Some Examples of New Technology

- Laparoscopic cholecystectomy
  - Thousands of biliary injuries with lifelong implications (1980s to present)
  - Now standard of care
  - Now difficult to find someone who can do open chole well
    - not being trained

# Some Examples of New Technology

- Robotic nephrectomy
  - Latest of many robotics crazes
  - Post-surgical bleeds requiring embo common
  - Never saw in past
  - ? is this better ?

# What About eAVF?

- Will widespread use mirror published results and safety?
- Will (US) dialysis centers accept a Gracz fistula?
- No one has a crystal ball

# Who and How?

- Does not matter
- If we lose forearm AVF, we have lost the game forever
- Can't just make fistula-full service needed
- Quality and transparency, not reimbursement

