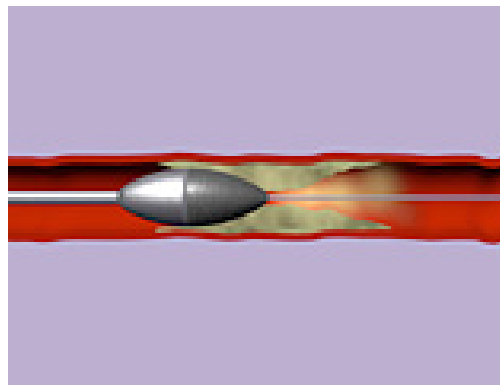
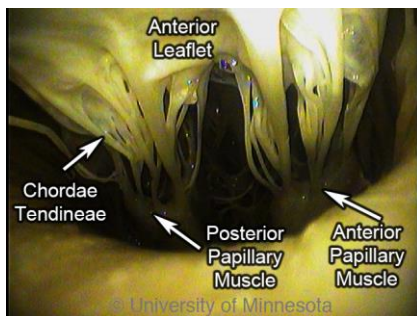
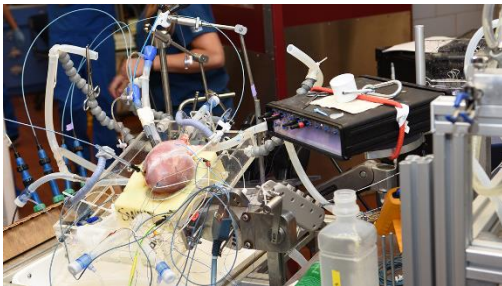


# Dr. Richardson Background

- BS in ME, PhD in BME and Surgery: Medical devices in reanimated, excised mammalian hearts (including human)
- Interned with Medtronic and Boston Scientific during schooling
- Worked in CA for Medtronic on Transcatheter Heart Valves after PhD
- Led product development teams of 30+ engineers, scientists and technicians to develop new products
- CoreValve Evolut R: FDA Approval, in over 50,000 patients





- Taught BME design for 5 years (UG and Grad)
  - Teams won over 20 national design awards
- Created graduate program in Global Medical Innovation, with a focus on low-cost medical devices for Latin America and Asia
  - Three clinical trials completed on devices we developed, two underway
- Created Post-graduate TMC Biodesign fellowship with BCM, MD Anderson, Texas Heart and others
  - Taught design and entrepreneurship for PhDs, MBAs and MDs
  - Launched four companies, mentored others in our accelerator program



- Teaching design with Dr. Palmeri (BME 590L)
- Launching Duke DESIGN Health Fellows program
  - Across Pratt, Fuqua and Cardiology
  - Open to UG/Grad students – deadline for applications on Wednesday!
- Involved with several Medtech startups
- Research interests:
  - Cardiac, catheter-based devices
  - Pediatric devices
  - Design Ethnography
  - Diffusion of medical technology in emerging markets
- Personal Interests/Hobbies
  - Camping/hiking/sports with family
  - Running/biking/weight training
  - Reading (non-fiction in social sciences/humanities)
  - Tinkering (playhouses, fixing cars, etc)
  - Good Tex-mex, milkshakes