



# Piton Design Verification Testing

- Purpose
  - To confirm that the Piton™ anchor and Cinch™ suture locking mechanism is substantially equivalent to the predicate design, Opus Magnum™ Anchor, when tested in simulated use conditions
  - To verify that the Piton™ Knotless Fixation Implant performs in accordance with design input requirements



# Piton Design Verification Testing

- Results and Discussion
  - The Piton™ Anchor withheld an average max. load of 52.15 lbf with 3.51 lbf standard deviation. Avg. Suture Break 46.8 lbf
  - In 29/29 samples, failure resulted from broken suture while the anchor held firmly in place
  - 0/29 anchors pulled out
  - 0/29 anchors had suture slippage



# Piton Design Verification Testing

- Results and Discussion
  - The predicate anchor (Opus Magnum) withheld an avg. max. load of 35.32 lbf with 2.14 lbf standard deviation
  - In 6/10 samples, failure resulted from suture slippage
  - 4/10 anchors pulled out