



# Advancing Revision TKA

## Insights from Dr. Jon Minter

Jon Minter, D.O.

Northside Hospital Orthopaedic Institute  
Alpharetta, GA

### **Introduction**

In revision total knee arthroplasty (TKA), efficiency, precision, and reliability are paramount. While various orthopedic power tools exist, Brasseler Surgical stands out for its dedication to developing cutting-edge instrumentation specifically for hip and knee revisions. "There are plenty of general orthopedic power tools available, but Brasseler Surgical is the one of the few companies truly dedicated to advancing instrumentation for hip and knee revisions," said Dr. Jon Minter of Northside Hospital Orthopedic Institute in Atlanta, Georgia. "The VersaDriver is a great example of how a well-designed tool can simplify difficult cases, improving both efficiency and patient outcomes."

### **Addressing Key Challenges in Revision TKA**

Successful revision TKA demands instrumentation that enhances bone preservation, time efficiency and ease of use. The VersaDriver exemplifies this commitment by offering surgeons a highly reliable and precise tool for managing both cemented and cementless implants.

With a handpiece and six osteotome blades delivering 3mm strokes at 3,900 strikes per minute, the VersaDriver ensures controlled and efficient implant removal. Its single- or multi-strike action minimizes the risk of iatrogenic damage, reduces surgical fatigue, and ultimately optimizes patient outcomes.

### **Real-World Applications**

Dr. Minter provided compelling case data demonstrating the VersaDriver's effectiveness in complex revision TKA scenarios.

In one example involves a 63-year-old male patient who experienced six years of pain, effusion, and mechanical catching following a 2007 primary TKA. The implant system had a known history of mechanical failure, and revision was necessary. The VersaDriver facilitated efficient removal of both femoral and tibial components, preserving bone and expediting the procedure.

In another case, a 77-year-old female presented with an ingrown monoblock trabecular metal baseplate and significant medial collateral ligament (MCL) damage. The VersaDriver's pneumatic chisel allowed precise cutting across the tibial lugs, ensuring safe implant removal while maintaining structural integrity for the revision.

### **A Commitment to Advancing Hip and Knee Revisions**

Precision instrumentation plays a critical role in revision procedures, and having the right tools can make all the difference. By focusing exclusively on hip and knee revision solutions, Brasseler Surgical provides orthopedic surgeons with instrumentation tailored to the unique demands of these complex cases.