X-REAM®
Percutaneous Expandable Reamer

Get More Out of Your Core Decompression

• Minimally-Invasive
• Optimal Debridement
• Simple Technique

Extreme Expansion
Debride more through the same hole

“The X-REAM® Expandable Reamer allows me the opportunity to debride more dead, necrotic bone through a small incision.”

Mike Neel, MD
St. Jude Children’s Research Hospital
Memphis, TN

“The X-REAM® tool has been a simple but effective advancement to the standard core decompression. Using the same small incision, I can now debride more of the necrotic lesion with this in situ expandable device.”

Robert Heck, MD
Campbell Clinic
Memphis, TN
For greater consistency and reliability, use PRO-DENSE®
Core Decompression Procedure Kit

PRO-DENSE® Graft Pre-Clinical Findings:
**Stronger, Faster, and More Dense Bone vs. Autograft.**

*FASTER THAN AUTOGRAFT: The accelerated rate of healing of the PRO-DENSE® treated defects compared to those treated with autograft is principally evident by the higher density bone (i.e., 170% average increase in area fraction of new bone compared to autograft at 13 weeks) and superior average mechanical properties at 13 weeks.

*DENSER THAN AUTOGRAFT: Histomorphometry reveals that the amount of newly regenerated bone of the PRO-DENSE® injectable treated defects at 13 weeks demonstrated a statistically significant 170% average increase in new bone formation versus defects treated with autograft. PRO-DENSE® injectable new bone area fraction is on average 170% denser than autograft at 13 weeks.

*STRONGER THAN AUTOGRAFT: The newly regenerated bone in the PRO-DENSE® injectable treated defects exhibited a 645% average increase in compressive strength at 13 weeks versus defects treated with autograft.


All claims are based on a critically sized canine proximal humerus defect model.