

PopLok™ Suture Anchor Test Summary Marketing Brief

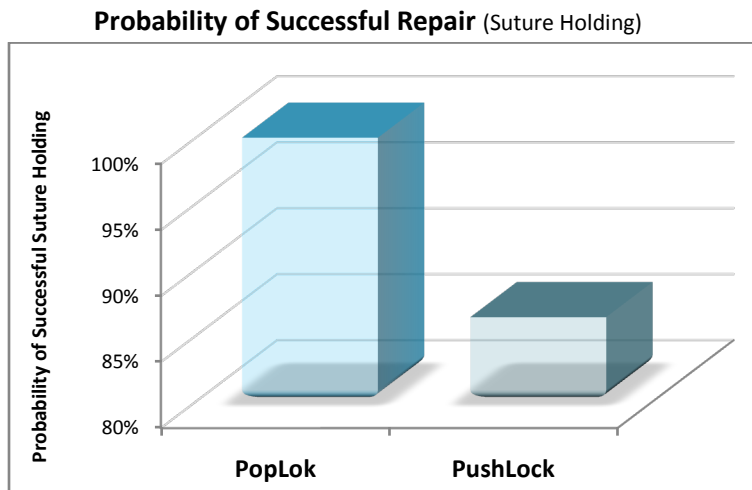
Q: *Is the bone quality in a 20yr old the same as a 60yr old?*

A: *No. - The Purpose of this study was to demonstrate the PopLok Suture Anchors ability to provide secure fixation regardless of bone quality.*

The PopLok™ Suture Anchor family will give you a more reliable and consistent repair as compared to comparable competitive products. The innovative PopLok Design traps suture between the two layers of PEEK allowing the surgeon to rely on the mechanics of the anchor and not the quality of the bone for a successful repair.

To demonstrate the performance of the device, an internal study was done comparing the 2.8 and 3.3mm PopLok Suture Anchors vs. the 2.9mm Pushlock® Suture anchor from Arthrex. Cyclic load testing was performed comparing the reliability of the anchor to maintain a minimum suture holding force after 1000 cycles. Both the 2.8 and 3.3mm PopLok Anchors demonstrated the probability of maintaining an adequate suture holding force **99.99%** of the time. The 2.9mm Pushlock Anchor demonstrated the probability of maintaining an adequate suture holding force **86.40%** of the time. This leaves a **13.6%** chance that the Arthrex PushLock will not maintain the minimum suture holding force needed for a successful repair; In other words, 14 out of every 100 Arthrex PushLocks will fail.

Because of the inconsistency in bone density from patient to patient, it is important to minimize the variability of anchor performance. Using anchors which exhibit more repeatable performance can lessen the impact of uncontrollable anatomic variations. The PopLok Suture Anchor was the least variable and therefore the most reliable in terms of fixation strength.



Key Selling Points

- PopLok Suture Anchors will provide you consistent and reliable results regardless of the patients bone quality
- Arthrex PushLock Anchors demonstrated a potential **13.6%** failure rate. This equates to 14 out of every 100 anchors not having adequate fixation.
- The 2.8 & 3.3mm PopLok Suture Anchors demonstrated a **99.99%** probability of successful suture holding.