

# Strain Shielding in Rotator Cuff with and without Rotator Cable

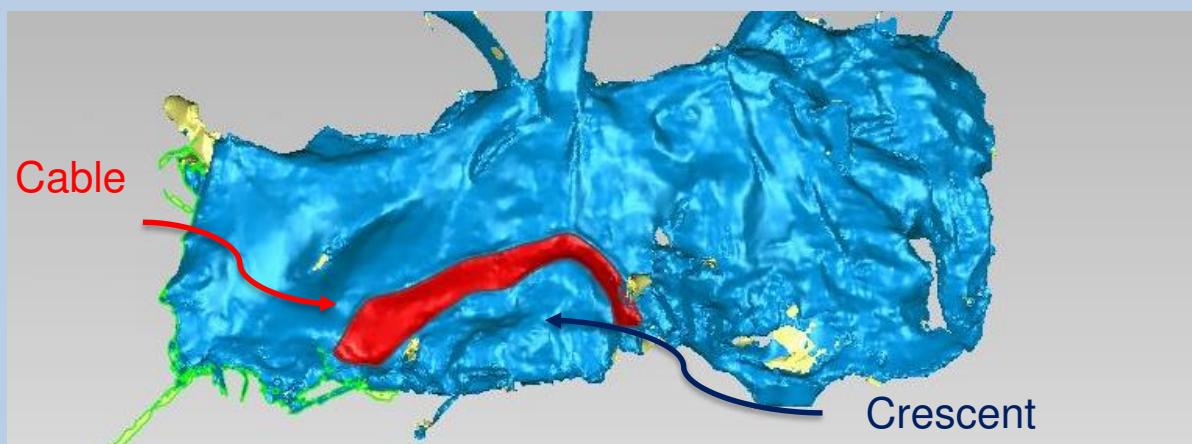
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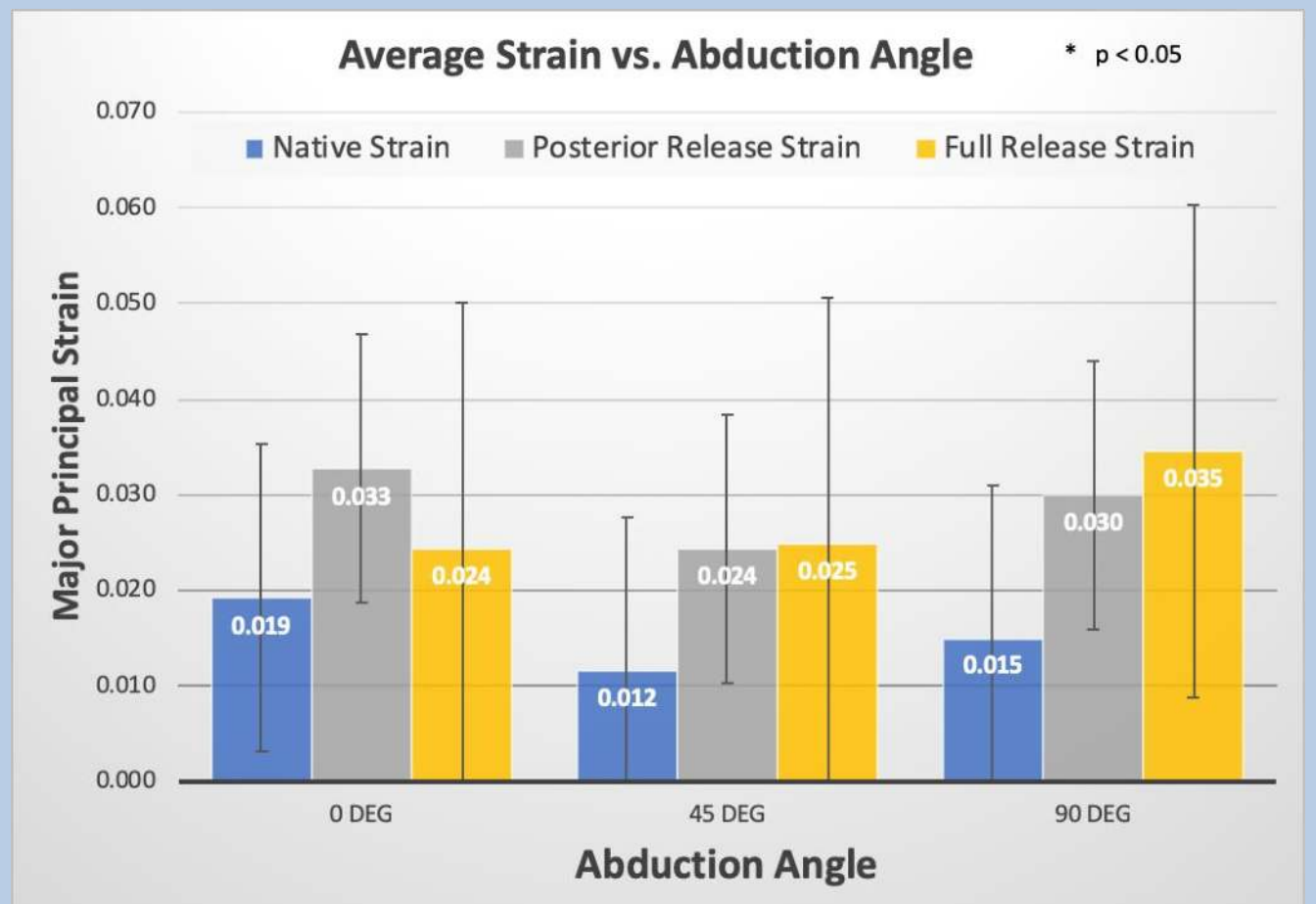
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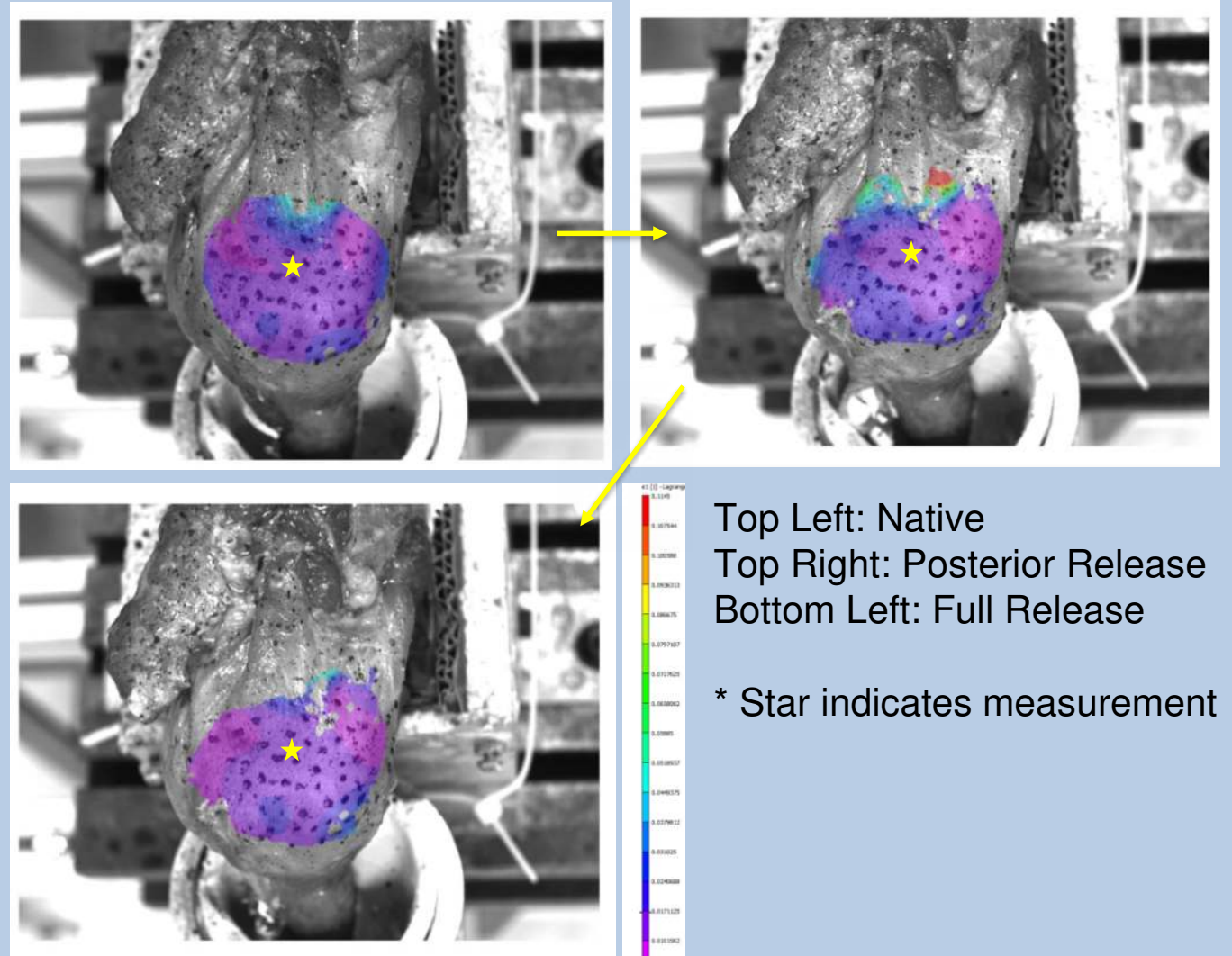
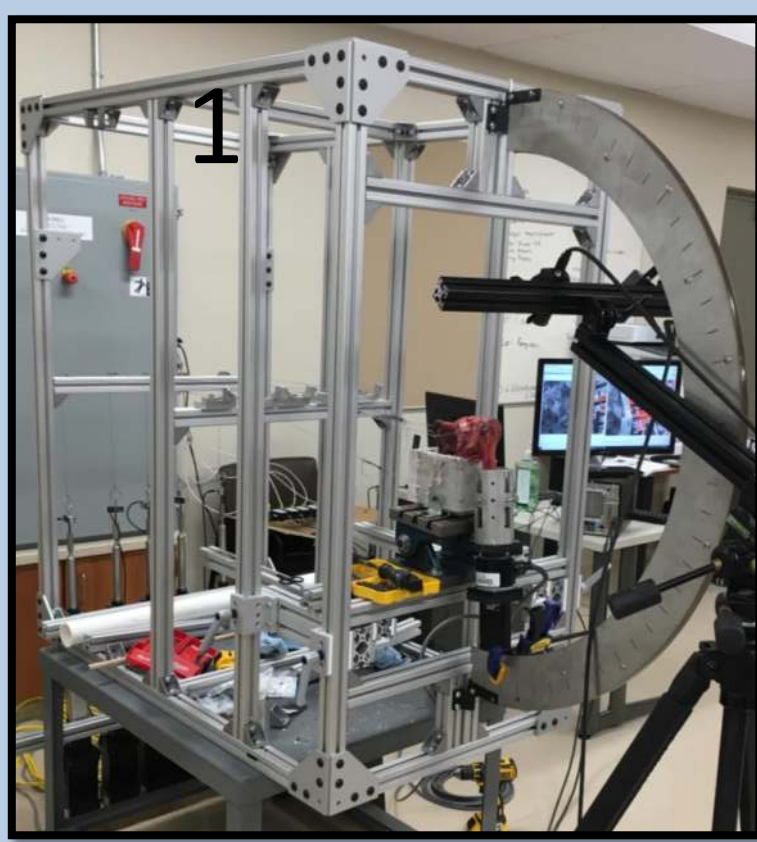
## Introduction



Rotator cable forms a semilunar band around the lateral cuff surrounding crescent area

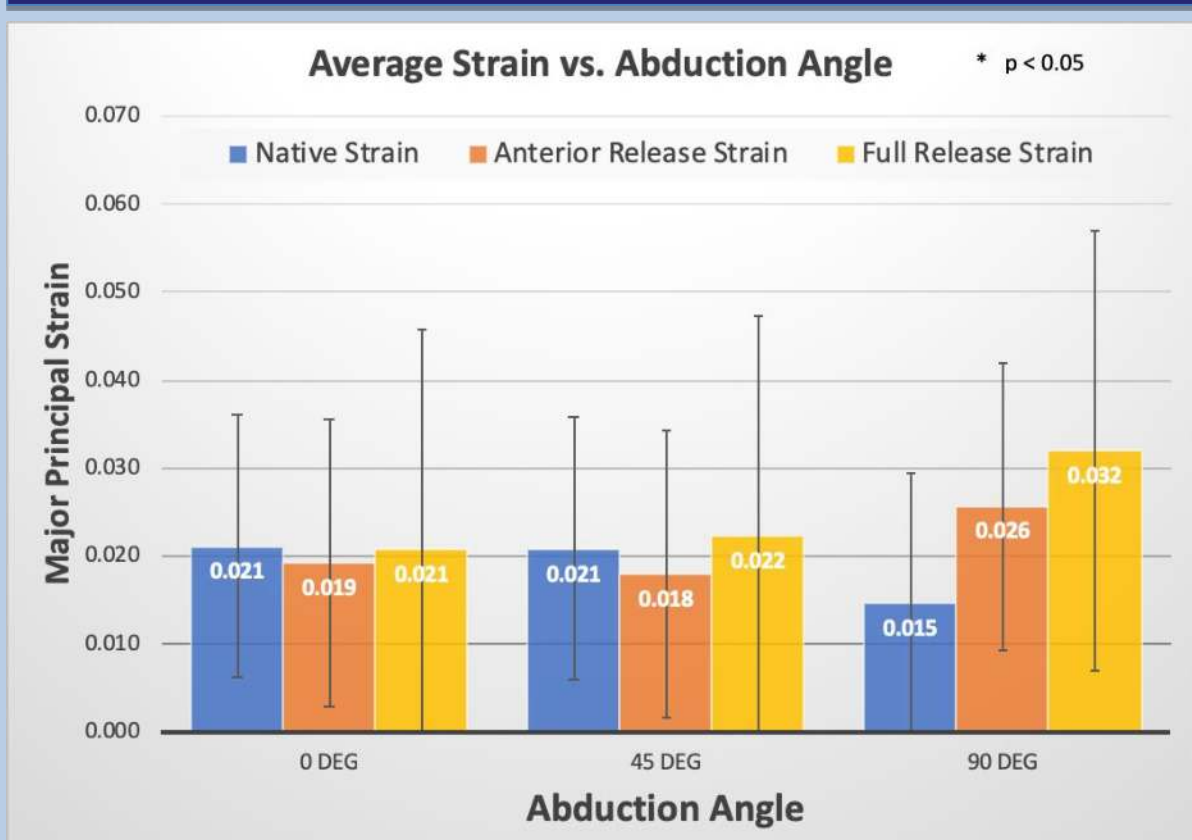


## Methods



No Significant Differences!

## Results



## Discussion

- Rotator cable is thought to strain shield the crescent area suggesting tears in crescent area may be biomechanically insignificant.
- Results show strain is relatively consistent in crescent area regardless of cable condition.

Clinical Relevance: Tears in the crescent area are mechanically significant and should be repaired accordingly.