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PII: S1048-6666(17)30114-3  
DOI: <https://doi.org/10.1053/j.oto.2017.12.007>  
Reference: YOTOR659

To appear in: *Operative Techniques in Orthopaedics*

Cite this article as: Kristofer S. Matullo and Shawn Yeazel, Weilby Technique for Interpositional Arthroplasty of Thumb Carpometacarpal Joint, *Operative Techniques in Orthopaedics*, doi:10.1053/j.oto.2017.12.007

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## Weilby Technique for Interpositional Arthroplasty of Thumb Carpometacarpal Joint Arthritis

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### Conflict of Interest:

KSM is a paid consultant for DePuy Synthes and Integra Life Sciences. There are no conflicts pertaining to this manuscript.

Key Words: Interposition, Basal Joint Arthritis, CMC Arthritis, Weilby

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### Abstract:

Thumb interposition is an accepted technique for the treatment of stage 2-4 arthritis of the trapeziometacarpal joint of the thumb. With the utilization of the Weilby suspension technique, the flexor carpi radialis is utilized to suspend the thumb metacarpal using an intertendinous weave rather than bony tunnels. This method allows early range of motion and decreased splint utilization, maximizing outcomes and recovery.

### Introduction:

While thumb carpometacarpal joint arthritis is one of the most common types of arthritis in elderly patients, treatment options have been varied throughout the decades. Surgical procedures have included trapeziectomy, hematoma arthroplasty, suspensionplasty,

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