Managing the Unstable Elbow Utilizing the Internal Joint Stabilizer

Current Solutions in Shoulder and Elbow Surgery
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• Skeletal Dynamics
• DePuy - Zimmer
Multicenter trial of an internal joint stabilizer for the elbow

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Axis of ulno-humeral rotation
Complete the radial head

Reduction Maneuver
Type III Coronoid
Type III Radial Head
Pronation
4 months post op

4 months post injury
S/P radial head replacement
Coronoid deficient
Failed 2 surgeries
8/14  58 y/o explosion injury

1/15  Non Union Coronoid
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• 24/24
• 1 Failure - coronoid deficient
• No other serious adverse events
Elbow Internal Stabilizer

- Effectively addresses both Medial and Lateral instability
- Hastens rehabilitation
- Avoids pin tract problems

Broberg Morrey Categorical Ratings

- Excellent: 14
- Good: 8
- Fair: 1
- Poor: 1

Thank You!