

OPTIMISING OUTCOMES IN WRIST FRACTURE MANAGEMENT THE ROLE AND TIMING OF DORSAL SPANNING PLATE REMOVAL

Background

Dorsal spanning plates enable early mobilisation in complex wrist fractures

Removal requires a second procedure; recovery data is limited

Results

Mean time to surgery: 17.4 days

Mean time to removal: 58.2 days

**Significant correlation: Delayed removal
→ worse PRWE scores ($r = 0.76$, $p = 0.037$)**

No link between injury-to-surgery timing and outcomes

Methods

Retrospective review over 3 years at two UK hospitals

Collected demographics, timing, and PRWE scores

Analysed correlations between timing and outcomes

Conclusion

Timely plate removal may reduce pain and improve function

Findings support refining surgical timelines

Needs more data to make findings more robust

Mean PRWE Scores by Time from Surgery to Plate Removal

