# CLINICAL OUTCOME DATA FOLLOWING ROTATOR CUFF REPAIR USING SINEFIX™

## A RETROSPECTIVE ANALYSIS OF FUNCTIONAL AND PAIN-RELATED PARAMETERS

**Stefan Welte MD, Tobias Goetz, Keith Hall MD**

## EXECUTIVE SUMMARY

This white paper presents a retrospective analysis of clinical outcome data from 20 patients who underwent rotator cuff repair using SINEFIX. The results demonstrate significant pain reduction, consistent functional improvement and reduced postoperative variability, supporting a stable and predictable postoperative course.

## METHODS

Twenty patients undergoing rotator cuff repair using Sinefix were retrospectively analysed. Pain intensity (VAS) and active shoulder range of motion (forward elevation, abduction, external rotation) were assessed preoperatively and at postoperative follow-up visits up to approximately 90 days.

## RESULTS

A clinically relevant reduction in pain intensity was observed between preoperative assessment and the last postoperative follow-up (Figure 1).

Functional assessment demonstrated a clear improvement in active shoulder range of motion across all evaluated parameters (Figure 2).

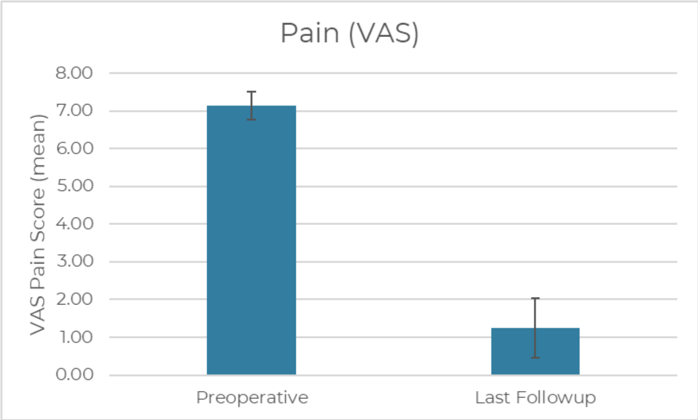


**Figure 1:**
Mean preoperative versus last follow-up VAS pain scores following rotator cuff repair using Sinefix. Retrospective analysis, n = 20.

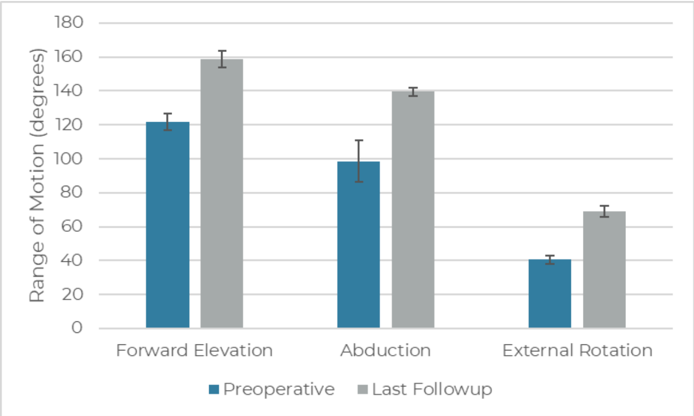


**Figure 2:**
Mean active range of motion (forward elevation, abduction, external rotation) preoperatively versus last follow-up. Retrospective analysis, n = 20.

## CLINICAL INTERPRETATION

Patients demonstrated a marked reduction in pain intensity, with mean VAS scores decreasing from 7.15 preoperatively to 1.25 at last follow-up. Improvements were also observed across all functional parameters, indicating a global recovery of shoulder function.

Notably, postoperative measurements showed reduced variability, particularly for abduction, suggesting consistent outcomes within the studied population. These retrospective data indicate that use of SINEFIX in rotator cuff repair was associated with pain reduction and functional improvement in this patient cohort. Further studies may help to confirm these findings period.

## CONCLUSION

These retrospective data suggest that use of SINEFIX was associated with reductions in pain, improvements in functional outcomes, and consistent postoperative recovery within the studied patient cohort.

---

**Inovedis Inc.**
7625 Golden Triangle Dr., Suite G
Eden Prairie, MN 55344

Phone: 612-445-8362

Mail: cs@inovedis.com

Legal Manufacturer: BAAT Medical Products B.V., F. Hazemeijerstraat 800 - A04 | 7555 RJ Hengelo | The Netherlands



SINEFIX is FDA cleared and approved for use in the U.S.

MKT-WP-20260127 Rev A

 