

Complications following Arthroscopic Bankart Repair: A Systematic Review

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INTRODUCTION: The purpose of this study is to systematically review the literature to assess the complications following arthroscopic Bankart repair.

METHODS: A literature search of MEDLINE, Embase, and the Cochrane Library was performed based on the Preferred Reporting Items for Systematic Reviews and Meta-Analyses (PRISMA) guidelines. Clinical studies reporting on the complications following arthroscopic Bankart repair were included.

RESULTS: One-hundred-ninety-three studies were included in the analysis, with 13,979 patients and 14,019 shoulders undergoing arthroscopic Bankart repair. The overall complication rate was 0.67%, with frozen shoulder being the most common complication occurring in 0.32%. Persistent pain occurred in 0.15%. The rate of nerve, hardware, and wound complications were 0.07%, 0.05%, and 0.03% respectively.

DISCUSSION AND CONCLUSION: The arthroscopic Bankart repair has a very low rate of complications. Frozen shoulder and persistent pain are the most frequently encountered complications.