Return to Golf After Shoulder Arthroplasty A Systematic Review



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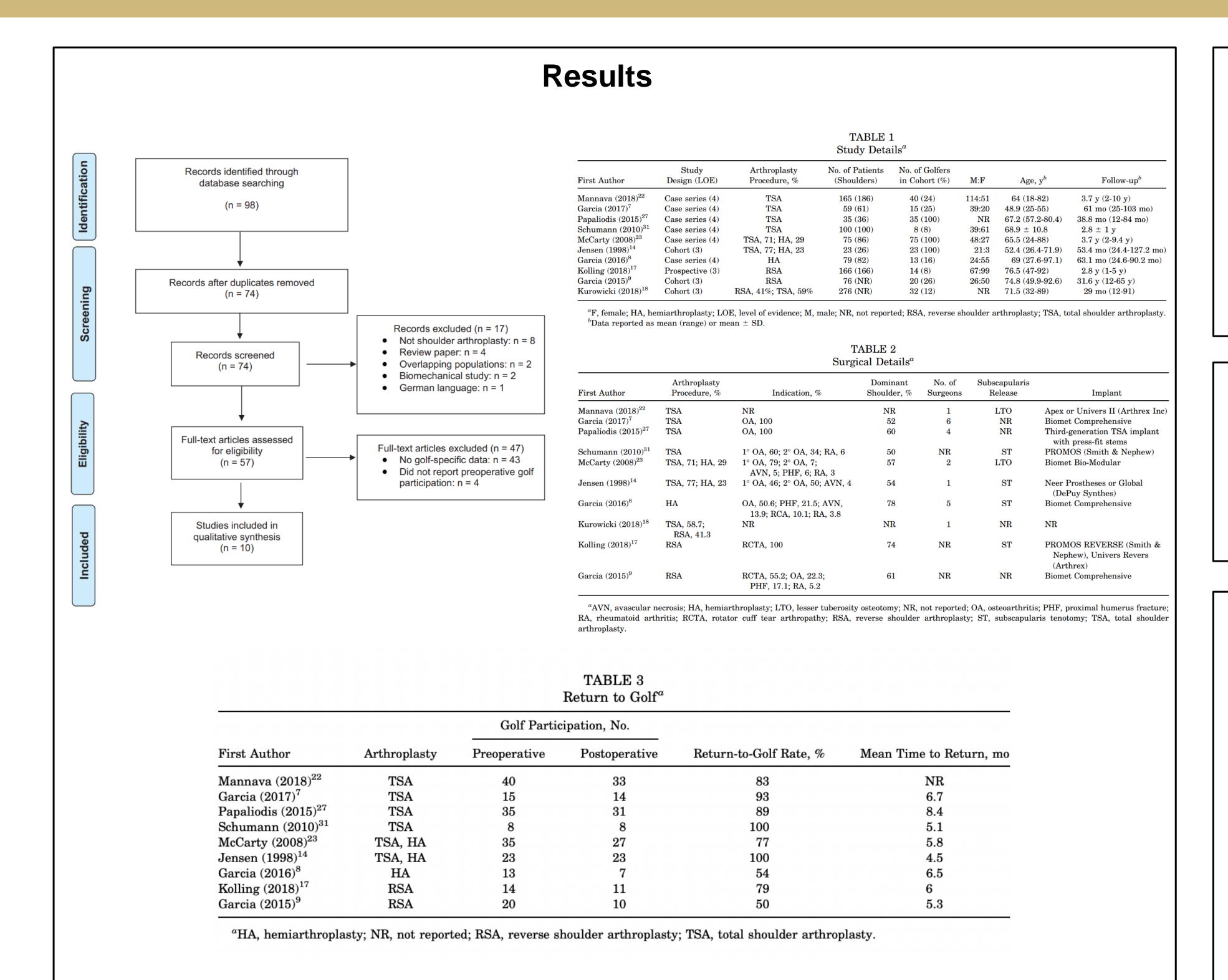
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Background

- The number of golfers aged ≥ 65 years has increased in recent years and is predicted to rise.
- Guidelines for return to golf after shoulder arthroplasty have not been fully established.

Methods

- A systematic review based on the PRISMA (Preferred Reporting Items for Systematic Reviews and Meta-Analyses) guidelines was performed.
- Two independent reviewers searched PubMed, Embase, and the Cochrane Library using the terms "shoulder," "arthroplasty," "replacement," and "golf."
- Sought to include all studies investigating a return to golf after total shoulder arthroplasty (TSA), shoulder hemiarthroplasty (HA), and reverse shoulder arthroplasty (RSA).
- Studies reporting on return to sports after shoulder arthroplasty were included when data were stratified specifically for golf.
- Outcomes of interest included indications for shoulder arthroplasty, surgical technique, rehabilitation protocol, amount of time between surgery and resumption of golf activity, and patient-reported outcome measures.



Conclusions

- Most patients who undergo a shoulder arthroplasty procedure can expect to resume playing golf approximately 6 months after the index procedure.
- The rate of return may be lower after RSA and HA as compared with anatomic TSA.

Implications

 The data presented can help physicians counsel patients who wish to continue golf participation after a shoulder arthroplasty procedure.

Limitations

- A relatively small number of studies were included.
- Among studies included, 3 surgical procedures were performed, but a direct comparison among the individual procedures was not possible.
- Heterogeneity among studies in methodology, patient population, protocols, interventions, and outcome assessments did not allow for meta-analysis.