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Rotator Cuff Arthroscopic Repair in Patients Aged 80 Years or Over

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Summary:
Satisfactory results in arthroscopic rotator cuff repair in over 80 years old patients

Abstract:

Objective

The purpose of the study was to evaluate the functional postoperative outcome in patients aged 80 years or over undergoing arthroscopic rotator cuff repair.

Material And Method

From June 2004 to March 2016, 50 patients aged 80 years or over, with a mean age of 81,6 years (range, 80 to 87), underwent arthroscopic rotator cuff repair. All patients included had history of unsatisfactory conservative treatment. Thirty eight patients had ASA II score and ASA III in the rest of the series. All patients were treated arthroscopically in beach chair position under interscalene plexus block and general anesthesia. Were used a mean 2 bioabsorbables anchor (range, 1 to 3). The mean follow-up period was 8 years (range, 2 to 13 years). The patients were evaluated in the preoperative and postoperative with UCLA score, Constant score, Quik Dash score and visual analogue scale (VAS) for pain, function, quality of life and satisfaction with the operation.

Results

The mean UCLA score improved from 9,9 points preoperatively to 28,6 postoperatively ($p<0.05$). The Constant score improve 26,5 point preoperatively to 62,3 postoperatively ($p<0.05$). The mean Quick Dassh score improved from 52,8 points preoperatively to 13,3 postoperatively ($p<0.05$). from The VAS for pain improved from 8 (range, 5 to 9 points) to 1,3 ($p<0.05$). There were not postoperative complications in this series.

Conclusions

In this series arthroscopic rotator cuff repair in patients aged eighty years or over demonstrates significant improvement in clinical outcomes and pain relief.