

ARTHROSCOPIC DORSAL LIGAMENTO CAPSULODESIS RESULTS IN GEISSLER GRADE 2 AND 3 SCAPHOLUNATE INTEROSSEOUS LIGAMENT INJURIES

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INTRODUCTION

- This study aims to retrospectively evaluate results of arthroscopic dorsal ligamento capsulodesis in Geissler grade 2 and 3 scapholunate ligament injuries

METHODS

- Thirty-two patients (20 males, 12 females) who were performed arthroscopic dorsal ligamento capsulodesis due to Geissler grade 2-3 scapholunate ligament injuries were included in this study (Figure 1)
- Mean age 30.1 years; range 21 to 42 years
- Mean duration between the onset of complaints and surgery: 13.7 months
- Joint ranges of motion were compared to wrist motions on the healthy side
- Patients were evaluated postoperatively by Mayo Wrist Scoring Test
- Pain was assessed by visual analog scale (VAS)

RESULTS

- Mean follow-up period: 15.12 months
- Mayo Wrist Scoring Test; excellent in 20 patients, good in 12 patients
- Preoperative mean flexion gap range: 2.18°
- Mean extension gap range: 4.37°
- Postoperative mean flexion gap range: 1.71°
- Extension gap range: 1.09°
- Preoperative mean grip strengths: 86%
- Postoperative mean grip strengths 94%
- Preoperative VAS score: 6.59
- Postoperative VAS score: 1.21

CONCLUSION

- Arthroscopic dorsal ligamento capsulodesis is an effective method for the elimination of pain and range of motion limitation, and recovery of grip strength



Figure 1