

Demographics

2013-2017: 34 patients
20 patients
Clinical outcome

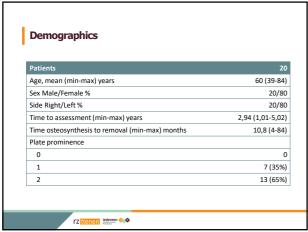
ROM
Grip strength
QuickDash
Custom Questionnaire (PROM)

Ultrasongraphic assessment of the distract in mm between the FPL and the most todar prominence of the plate 1: FPL 2: distance between FPL and volar prominence (measured in between the two crosses) 3: volar prominence; 4: radius
Proximity Flexor pollicis longus (FPL) to volar rim
PQ diameter

3

4

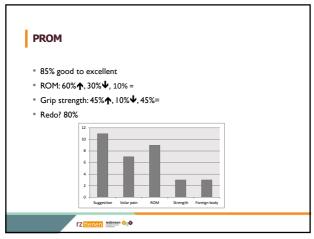
6

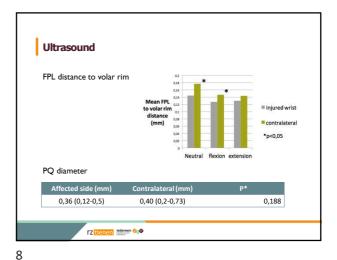


Clinical outcome 0.004 Flexion 53.5 (40-80) 64.25 (40-80) Extension 62,05 (34-80) 68,75 (40-90) 0.039 85,5 (0-90) 85,25 (0-90) 0,330 85,1 (0-90) 85 (0-90) 0,330 Supination Radial deviation 22,1 (10-40) 25 (10-35) 0,015 Ulnar deviation 32,5 (10-50) 36 (20-50) 0,149 Grip strength, mean (min - max) (N) 25,65 (10-50) 26,75 (12-60) 0,212 21,7 (0 - 73) Quick Dash, mean (min-max) * Paired sample t-Test. CI 95% rz tienen ledereen 👀 📀

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1





Complications

• I CRPS
• No refractures

Discussion

Safe procedure
High patient satisfaction of 80%
Only 60% has ROM♠ Only 45% has grip strength♠
FPL distance to volar rim♠ but not to normalization as contralateral

Rationale of routine plate removal has to be thoroughly discussed preoperatively with the patient to avoid wrong expectations

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Shortcomings

Small sample size
Absence preoperative data of function/ultrasound
No interobserver data / single surgeon aspect

Conclusions

• Flexor tendinopathy after VLP is a preventable complication
• Early standard plate removal in Soong II (I)

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