

## Functional Outcome Oxford Shoulder Score after Modified Weaver Dunn Technique Reconstruction in Patients with Acromioclavicular Injuries

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**Abstract : Objective :** The aim of this study was to compare the clinical outcome of Oxford Shoulder Score in patients with acromioclavicular injuries that were operated with Modified Weaver Dunn Technique Reconstruction compared with the healthy side.

**Material And Methods :** A total of 8 patients with acromioclavicular injuries from 2011 until 2019 that were included into the study that were treated with Modified Weaver Dunn Technique. Age, gender, range of motion and OSS score that was followed for minimum 6 months after surgery (Oxford Shoulder Score [OSS]) were recorded.

**Results :** Patients' gender characteristics totalled three females (3) and five males (5). There weren't significant differences with regard to the OSS at minimum six months prior to surgery ( $p < 0,05$ ) with OSS score of joints that were treated with Modified Weaver Dunn Technique ( $44 \pm 1,309$ ) compared to healthy side ( $46,88 \pm 0,835$ ), range of motion forward flexion ( $169,63 \pm 0,835$ ) and healthy side ( $177,88 \pm 2,1$ ), extension ( $50 \pm 2,673$ ) and healthy side ( $58,25 \pm 2,188$ ), abduction ( $169,38 \pm 3,623$ ) and healthy side ( $178, \pm 2,070$ ), internal rotation ( $58,63 \pm 2,326$ ) and healthy side ( $63,36 \pm 4,173$ ), and also external rotation ( $49,38 \pm 3,204$ ) and healthy side ( $56,88 \pm 3,720$ ).

**Conclusion :** Modified Weaver Dunn Reconstruction Technique can give good functional outcome and has no differences with the healthy side.

**Keywords :** Modified Weaver Dunn Technique; Acromioclavicular Injuries, Oxford Shoulder Score.

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