

Treatment Of Neglected Chronic Acromioclavicular Joint Dislocation In A Non-Subspecialty Centre With Acromioclavicular Joint Reconstruction Using Allograft And Dog Bone Tight Rope Procedure (Case Report)

Sivapathasundaram; Ahmad F; Warith M; Tan WH

Department of Orthopaedic Surgery, Hospital Melaka, Jalan Mufti Haji Kalil, 75400 Melaka, Malaysia.

INTRODUCTION:

Chronic acromioclavicular joint instability involves changes in the orientation of the scapula, which provokes cinematic alterations that might result in chronic pain and shoulder disability. Surgical management of chronic acromioclavicular joint instability should involve the reconstruction of the torn ligaments because it is accepted that from three weeks after the injury, these structures may lack healing potential. It is a challenge surgery especially in a non-subspecialty centre.

REPORT:

In this case the Acromioclavicular Joint Reconstruction using Allograft and Dog Bone Tight Rope Procedure was performed in a 42-year-old female patient with neglected chronic AC-joint dislocation Rockwood Type V for 6 months. At 6 months of follow-up the patient could use her operated shoulder with full range of motion without restrictions and pain free in her activities of daily living. The patient UCLA shoulder scoring and DASH Scoring were 8 (2+2+4) and 92.5/100 preoperatively. Post-operative UCLA shoulder scoring and DASH Scoring in 6 weeks were 21 (5+8+8) and 50.8/100, 3 months were 24 (8+8+8) and 27.5/100, and 6 months were 28 (10+8+10) and 8.3/100.

CONCLUSION:

The aim of reconstructive surgery is to eliminate pain and discomfort by stabilizing the AC joint and maintaining, or even improving, shoulder function. Despite the surgery, almost half the AC joints failed to stabilize and also the shoulder function was inferior compared to uninjured side. Aggressive physiotherapy play very important role in post operatively.

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