

## **Chronic Acromioclavicular Separation: The Medium Term Results of Coracoclavicular Ligament Reconstruction Using Braided Polyester Prosthetic Ligament.**

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### **Introduction**

Chronic acromioclavicular disruption was treated with a braided polyester artificial ligament.

### **Material and Methods**

The ligament has a loop at each end and is passed around the coracoid process, threaded through itself, then passed around the posterior aspect of the clavicle and anchored with a bone screw.

Eleven men with average age of 39 underwent this procedure. Three patients had previously been operated on using the Weaver Dunn procedure which had failed. All eleven patients have been reassessed clinically and radiographically at an average of 55 months.

### **Result**

Using the Imatani evaluation score, 90% of patients achieved a good/excellent result with the mean constant score being 92. One patient had fracture of the base of the coracoid after heavy lifting in the early postoperative period and resulted in poor outcome. Two patients needed an additional operation to excise the lateral end of clavicle.

### **Conclusion**

The Surgilig is a useful alternative for the treatment of chronic acromioclavicular separation especially in revision reconstruction when the coracoacromial ligament is no longer available.

**Key word:** AC Separation, Coracoclavicular Ligament, Reconstruction, Braided Polyester Prosthetic Ligament

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