

ACROMIOCLAVICULAR JOINT (AC JOINT) DISRUPTION TREATED USING CLAVICLE HOOK PLATE

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Abstract-

Purpose-To study about ac joint disruption treated using clavicle hook plate .This procedure allows stable reduction of fracture with this plate.

Method- A case report of a 45 year - female treated with clavicle hook plate.

Results- On periodical follow up patient mobilised well without pain and was able to carry out her day to day activities without any discomfort.

Conclusion- AC joint disruption treated with clavicle hook plate shows decrease in pain and mobility of the patient improved well.

Keyword- AC Joint, Clavicle Hook Plate.

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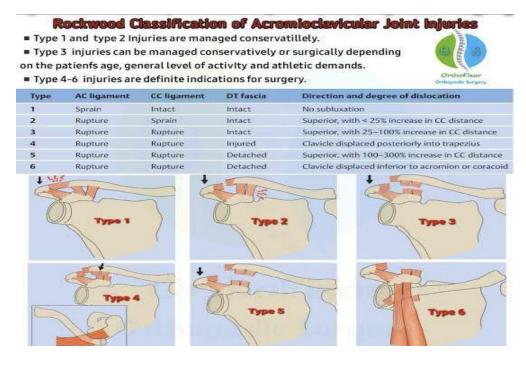
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INTRODUCTION-

Acromioclavicular joint disruption (AC Joint), is a condition of the seperation of clavicle from its anatomical position in relation to the acromium. AC joint disruption mostly due to direct blow or fall of outstreched hand and due to acromioclaviclar and coracoclavicular ligament strain. Diagnosis is confirmed using radio- X-rays of the shouder and clavicle. In this AC joint diruption treated using clavicle hook plate.



CASE REPORT-

A 45 years old female came with chief complaints of slip and fall at her residency and sustained injury to the right shoulder, clavicle.

No H/o LOC, ENT bleed, vomiting. No h/o fever/infections. No comorbidities.

LOCAL EXAMINATION- RIGHT SHOULDER WITH CLAVICLE-

No scars, sinuses

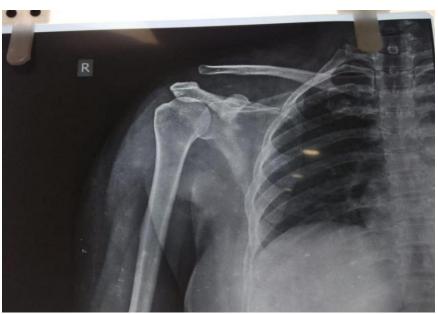
Swelling +

Warmth +

Tenting present over the lateral end of clavicle Tenderness present over the lateral end of clavicle and acromium.

Range of movements painful and restricted.

PREOP XRAY-



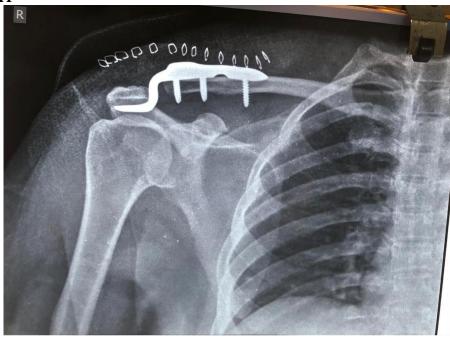
Xray shows AC joint disruption

PROCEDURE- Open reduction internal fixation with clavicle hook plate.

Position- Beach chair position Approach - Anterior Approach Using 10, cm horizontal incision, skin and subcutaneous tissue cut and retracted. Platsyma muscle cut, Ac joint desruption seen, reduced and clavicle hook plate fixed in position with 3 screws placed.

Thorough wound was given, wound closed in layers and sterile dressing done

POST OP XRAY-



Post op X-ray after procedure.

DISCUSSION-

AC joint disruption treated with clavicle hook plate for the moderate to very severe cases showed good progression of results.

We saw several factors that believe have made our procedure safe in our hands. Ac joint is the most important joint in shoulder as it is dirupted the treated modalities varies in hand and there are man6 treatment options also.

The treatment of choice is always controversial based on severity and surgeons choice. In this case we did clavicle hook plate which showed excellent results.

CONCLUSION-

AC joint disruption treated using clavicle hook plate is the best modality of treatment and showed excellent results in function and mobility of the joint.

AC joint disruption treated with clavicle hook plate has showed good improvement with decrease in pain and increase in the mobility of the patient.

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