Modified Weaver-Dunn Procedure in Neglected Acromioclavicular Joint Injury - Study Of Functional Outcome

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- **faculty disclosure**

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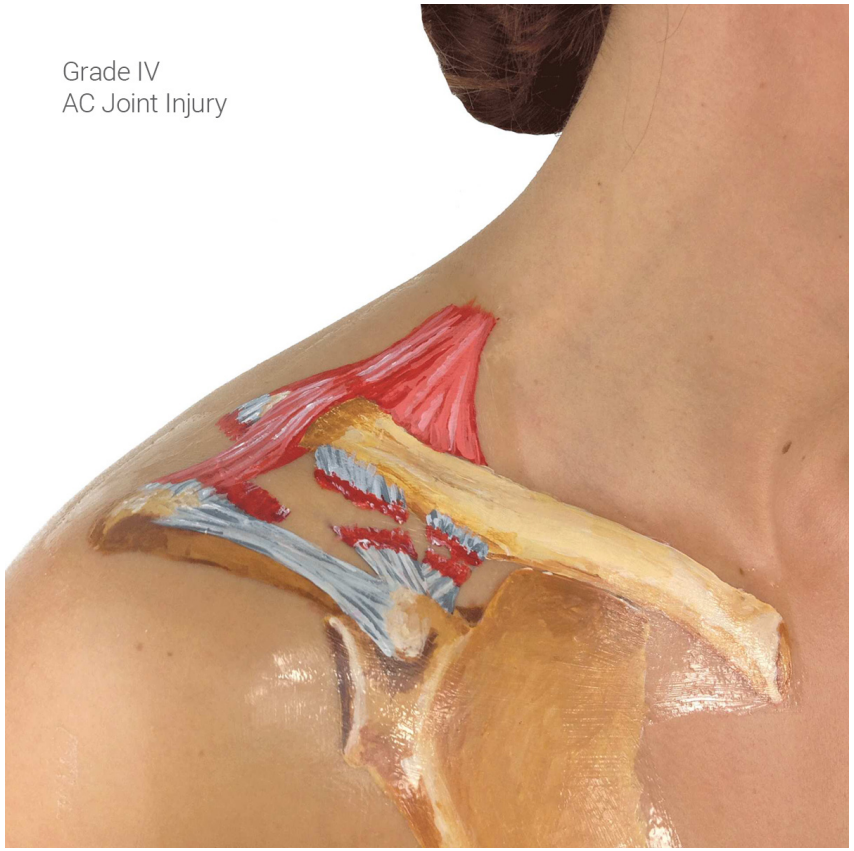
- **Conflict of interest: none**

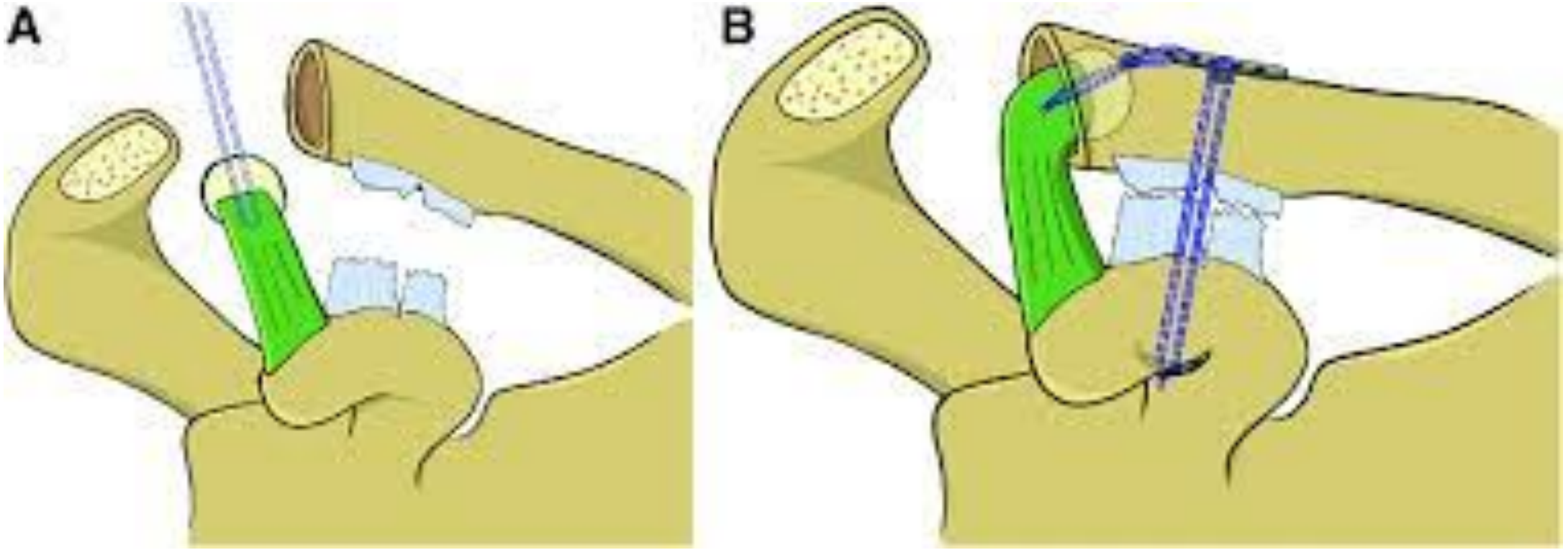
Introduction

- In India especially rural areas Acromio Clavicular Joint (ACJ) injuries are common as their habit of carrying weight over shoulder and head

- These places ACJ are often neglected and present late with disability.



MODIFIED WEAVER-DUNN PROCEDURE



AIM

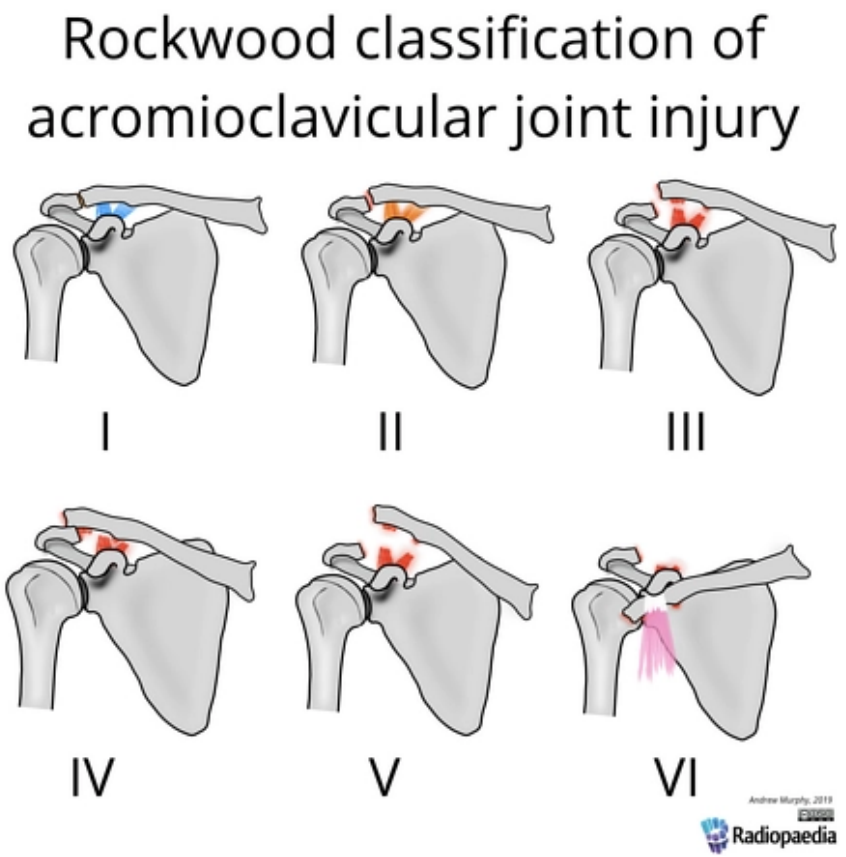
We investigated the functional outcome of Weaver Dunn procedure in rural population of India.

Methodology

- Retrospective study
- 41 patients included, 3 patients were lost for follow-u
- 38 patients evaluated for the final outcome.

- Inclusion criteria
  - Failed primary nonoperative treatment in Rockwood typ
    III, IV,V, and VI.

- Exclusion criteria
  - Patients with chronic injury,
  - preexisting shoulder problem
  - cervical degeneration



Results

- The average age of the patients in our study was 36.5 (range 22 to 74 years).
- The time interval between the injury and surgery was ranging from 6 weeks to 24 weeks.

Oxford Shoulder Score

NUMBER OF PATIENTS	SCORE
33	EXCELLENT
4	GOOD
1	FAIR
0	POOR

visual analogue scale (VAS)

36	EXCELLENT (NO PAIN)
2	MODERATE PAIN (VAS – 3 and 4)

Conclusion

Weaver-dunn surgery for neglected high-grade AC joint reconstruction injury will give excellent functional outcomes.

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