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PRELIMINARY RESULTS IN AC JOINT DISLOCATION USING A LIGAMENT AUGMENTATION DEVICE

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Introduction:

The early results in a consecutive patient series after operative reconstruction following AC joint dislocations using anatomical ligament reconstruction and additional polyesterband-augmentation (LARS®) are presented. Indication and operative technique are presented and discussed.

Material and Method:

Inclusion criteria for this study were patients with acute AC joint dislocations type Tossy III or Rockwood III-VI, age 19 to 50 years, mono-trauma and negative history concerning the involved extremity. Twenty patients met these criteria and were included in this study. Postoperative all patients were seen after 2, 4, 6, 8, 12, and 24 weeks. Constant Score and radiological examination was performed.

Results:

On average the full range of motion compared with the collateral extremity was reached after 6 weeks. The Constant Score at this time was 86,7 pts. At the one year follow-up there was no deterioration in the functional outcome. Radiologically in 3 cases a secondary loosening of the joint line could be observed (less than 5 mm in each case) without any influence on the functional result.

Discussion:

These results show satisfactory early functional outcome using this technique. The final value only can be estimated, if long term results are available.