

Lockdown Implant Outcomes for Acromioclavicular Joint Reconstruction

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Specialty	orthopaedics
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Background

High-grade acromioclavicular joint (ACJ) dislocations can cause significant pain and functional limitation, particularly in active patients. The Lockdown implant is a relatively novel device for ACJ reconstruction that aims to restore both horizontal and vertical stability. Clinical experience with this implant at GSTT warranted formal review to assess early complication rates and functional outcomes, and to benchmark against alternative techniques reported in the literature.

Aims

To evaluate the early clinical and radiological outcomes of the Lockdown implant for surgical reconstruction of high-grade acromioclavicular joint dislocations at GSTT.

Objectives

1. Identify all patients who underwent ACJ reconstruction using the Lockdown implant. 2. Record peri-operative and early post-operative complication rates. 3. Collect standardised functional outcome scores at standard follow-up intervals. 4. Assess radiological reduction and maintenance of reduction on post-operative imaging.

Guidelines

Published literature on ACJ reconstruction techniques

Keywords

acromioclavicular joint, ACJ dislocation, Lockdown implant, shoulder reconstruction, shoulder surgery