

## **Lattissimus Dorsi Tendon Transfer in Irreparable Postero-Superior Cuff Tears: Present and Future**

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### **Abstract**

Postero-superior cuff tears (PSCTs) are the most difficult hitch of all the cuff tears especially those which are vast and irretrievable. About 30% of the mended rotator cuff are constituted by vast PSCTs, while irretrievable PSCTs account for 7-10% of total surgically mended tears according to some authors. Pain in adults is commonly attributable to rotator cuff tears (RCTs) which often hampers routine activities. Tendon refutation to glenoid border along with evidence of stage 3 muscular atrophy on Magnetic Resonance Imaging (MRI) or stage  $\frac{3}{4}$  invasion of fat into muscular tissue as evidenced by computed tomography serve as pre-operative evaluation findings of irreparable PSCTs. Contraindications for surgical treatment of PSCT include fatty degeneration of muscular tissue, colossal tendon deficit, abridged distance between humerus and acromion i.e. <5cm. In the current study we reviewed indications, contraindications, each etiology in depth.