# Revision of Unstable Reverse Shoulder Arthroplasty: A Case Report

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This video discusses a case of instability following primary reverse shoulder arthroplasty indicated for a recurrent rotator cuff tear with cuff tear arthropathy. In this case, the 75-year-old male experienced a dislocation on the operative shoulder 8 weeks post-operatively. The patient presented to clinic with a persistently unstable prosthesis without fracture and chose to proceed with revision surgery. A 3D CT pre-operative planning software was utilized to simulate the optimized implant sizes for the revision reverse shoulder arthroplasty. A larger glenosphere was used to create greater offset and stability. The surgical technique of revising an unstable reverse shoulder arthroplasty is demonstrated. Intra-operative assessment of the implants demonstrated persistent instability, and the polyethylene liner of the humeral component was re-trialed to a +4 semiconstrained polyethylene to create more stability. At the most recent post-operative follow-up, the patient reported no pain and good function, with shoulder range of motion restored and no dislocations.