



Surgical Techniques

Total Shoulder Replacement (APEX)

This procedure is recommended for patients with glenohumeral arthritis causing pain and poor function who are no longer responding to conservative methods

The benefit of this procedure is that your shoulder joint will be cleaned out of arthritis, thus improving pain and function

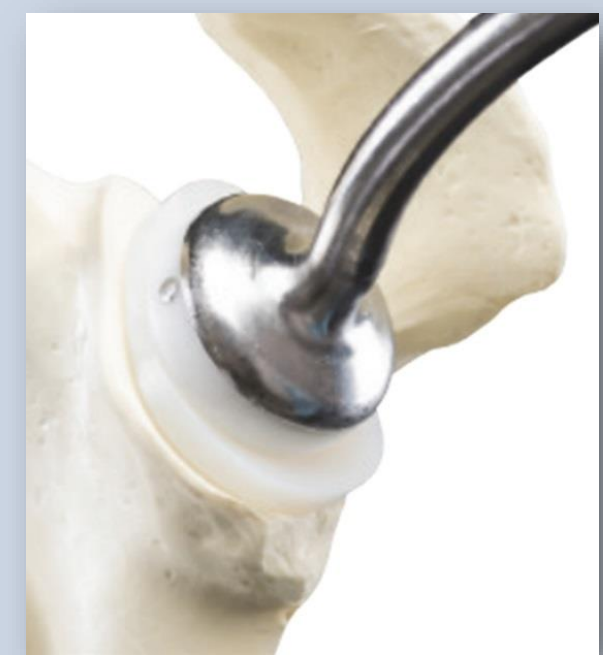
Glenoid Preparation and Implantation



Glenoid surface is reamed to remove cartilage and create a smooth surface for the glenoid implant piece



Glenoid is prepared to receive implant then irrigated to remove debris

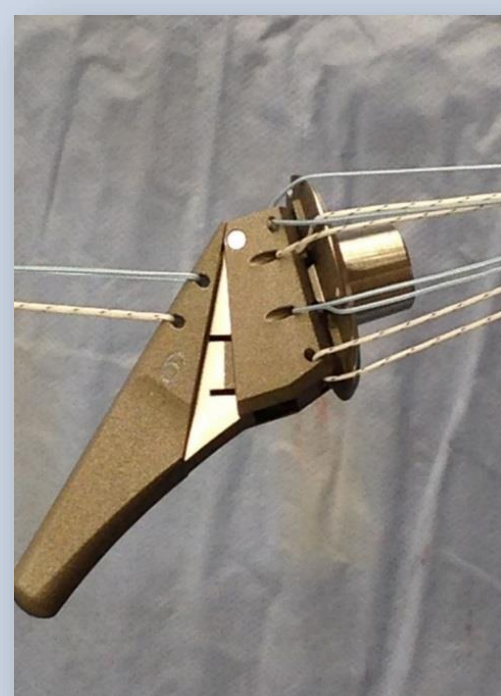


Glenoid component is placed into the prepared vault using cement and pressure

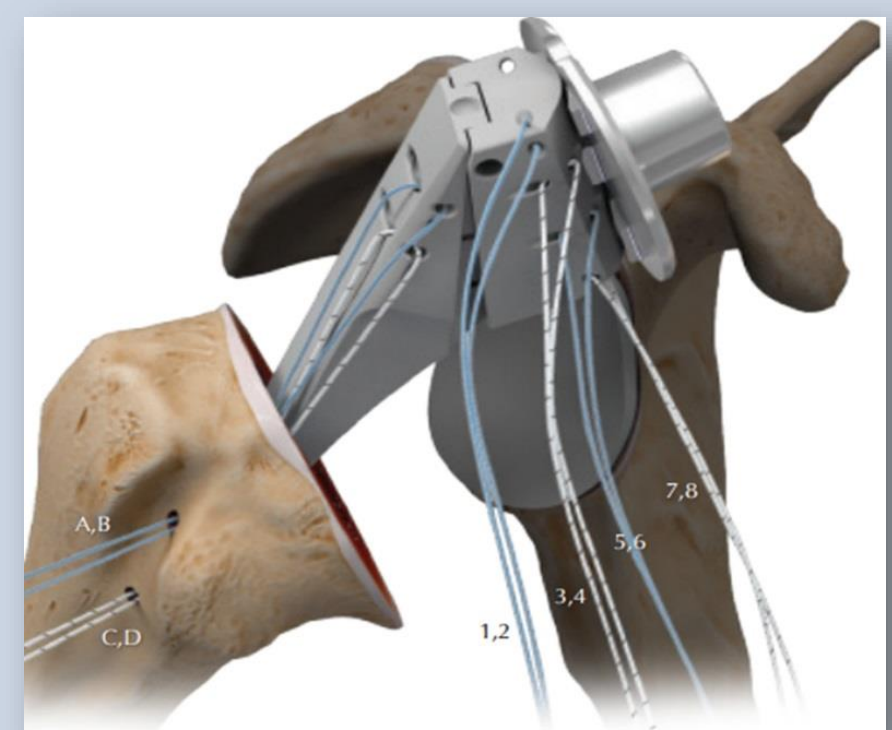
Humeral Preparation, Implantation and Subscapularis Repair



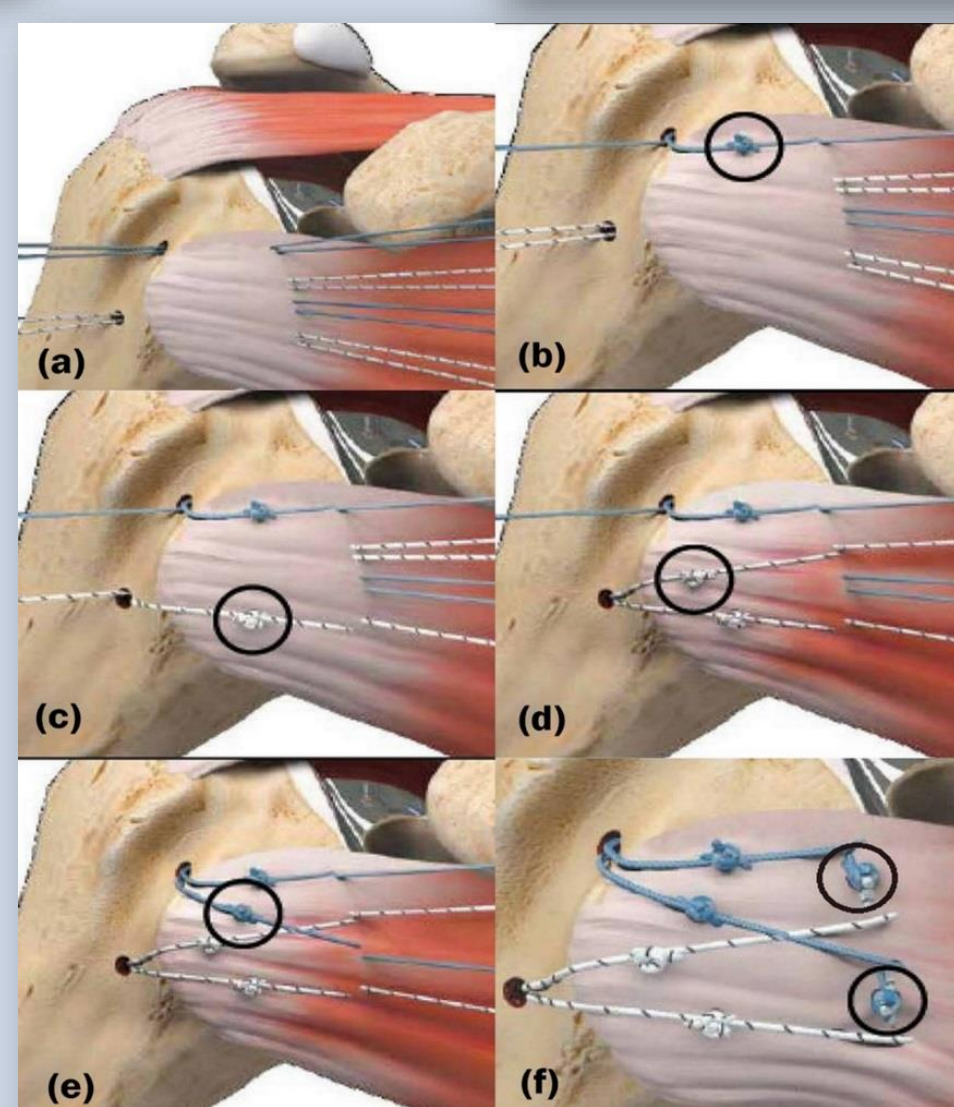
The Humeral Head is removed and the humerus is prepared for stem implantation



Before the Humeral Head is impacted, the implant is threaded in preparation of the subscapularis repair and the stem is sized



After determining the appropriate head size and threading the implant the Humeral Head is impacted onto the Humeral Stem



Sutures are tied using the suture bridge method to create a stable subscapularis repair