

## *Literature Search: Shoulder Medical Treatment Guidelines- Search Terms and Topics*

The literature search included articles published from 2000 to 2008. Some searches incorporated a broader range of dates to address input from stakeholders. The literature search was conducted from approximately January, 2008 until April, 2008. Please also see the Division General Literature Search Strategy. [Click Here](#)

Shoulder Arthroplasty/RCT /Systematic Review/Meta-analysis  
Shoulder Fracture/RCT/Systematic Review/Meta-analysis  
Rotator Cuff Repair/RCT/Systematic Review/Meta-analysis  
Suprascapular Nerve/RCT/Systematic Review/Meta-analysis

acromioclavicular joint/ RCT/Systematic Review/Meta-analysis  
adhesive capsulitis/RCT/Systematic Review/Meta-analysis  
shoulder instability/RCT/Systematic Review/Meta-analysis  
rotator cuff/RCT/Systematic Review/Meta-analysis  
impingement/RCT/Systematic Review/Meta-analysis  
glenohumeral joint/RCT/Systematic Review/Meta-analysis  
ECSWT [Extracorporeal shock wave therapy]/RCT/Systematic Review/Meta-analysis  
Calcific Tendinitis/RCT/Systematic Review/Meta-analysis

### **Literature Search Process - Questions for Shoulder Guidelines**

- 1) **Physical Exam Issues**
  - SLAP [superior labral tear from anterior to posterior] (is there a reason to identify a SLAP lesion without another dx attached?)  
(If SLAP not necessary – specific PE not necessary)
  - Best PE measures to identify instability
  - Best PE measures to identify Rotator cuff/impingement
  - Best PE measures to identify Neurological Issues (e.g. r/o cervical pathology, Brachial Plexus) – what is the best diagnostic test?
- 2) **History**
  - Functional outcome measures
- 3) **Dx Tests**

- Ultrasound/Rotator cuff
- MRI (timing & indications)
- MRI with Arthrography
- X-rays
- EMG

**4) Non-operative Treatment**

- ECSWT
- Synvisc
- Steroids (Injections)
- Meds and Oral Steroids – Opioid Duration
- PT Strategies
- Manipulation Under Anesthesia
- Distension Arthrography for Adhesive Capsulitis
- Nerve Blocks
- Continuous Passive Motion

**5) Surgical Procedures**

- Reverse Shoulder Prosthesis  
(Hemi Procedure too)
- OATS [osteo-articular transfer system] Procedure
- Laser
- Capsular Tightening
- Duration of Disability (post-surgery)

**6) Dx**

- Instability/Subluxation (define expected level of recurrence and indications for surgery, is MRI needed? Arthroscopic vs. Open.  
(PT)
- Impingement/AC Joint  
(When to operate)  
(Type of surgery)  
(Timing of injections)  
(PT)
- Rotator cuff  
(Indications for surgery)  
(Arthroscopic surgery)  
(Arthroscopic repair)  
(PT)
- Neurological Conditions  
(Brachial Plexus)  
(Axillary, etc.)  
(Long Thoracic, etc.)  
(PT)