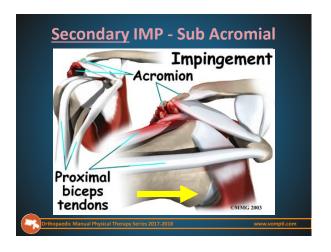


Characteristics of Primary Impingement

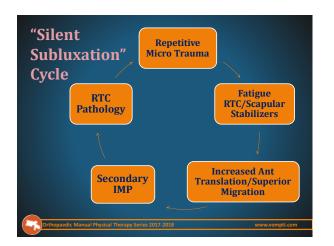
- > 50 yo
- Age related degenerative changes
- Mechanical compromise of the subacromial space
- DJD AC joint
- ? Bursal side RTC pathology controversy
- Subacromial osteophytic changes
- SA Bursitis
- RTC tendinitis/tendinosis atrophy/weakness
- LH Biceps tendinitis
- Scapular Dyskinesis (poor posture)

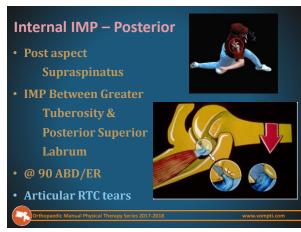


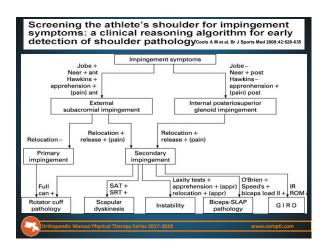


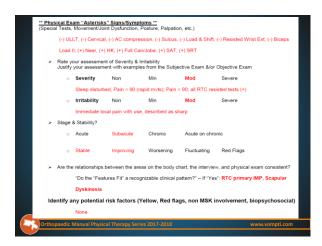
Secondary Impingement - Underlying instability of the GH joint - Laxity of capsular ligaments and labrum, in throwing or overhead activities can lead to anterior instability of the GH joint - Increased humeral head translation, the Biceps/RTC Tendon can become impinged secondary to the ensuing instability - Dynamic stabilizing functions of the rotator cuff are diminished from fatigue, intrinsic overload and subsequent tendon injury

Characteristics of Secondary Impingement Patients < 50 yo Pain is anterior or anterolateral Typically associated with repetitive overhead use Rarely night pain, unless chronic Bursal vs Articular side RTC pathology Attenuation of the static stabilizers leads to fatigue of the dynamic stabilizers and subsequent anterior subluxation – "Cycle"

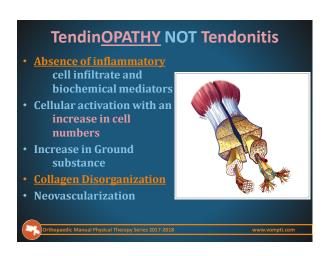




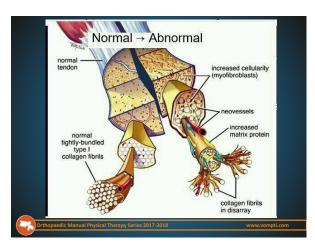


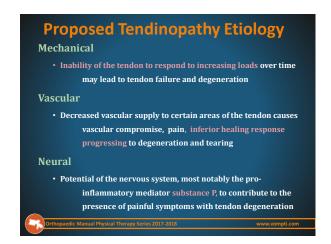


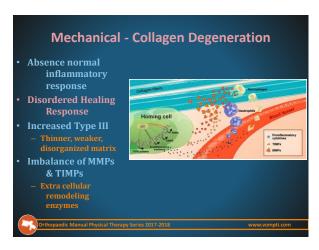


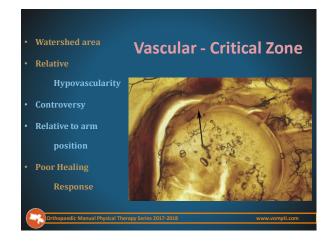


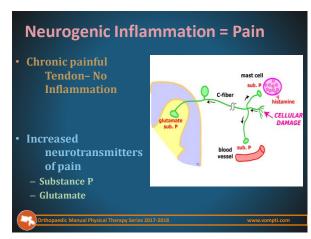


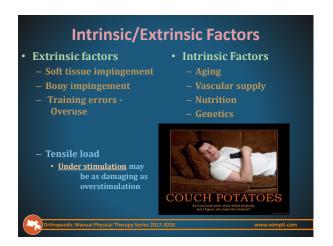


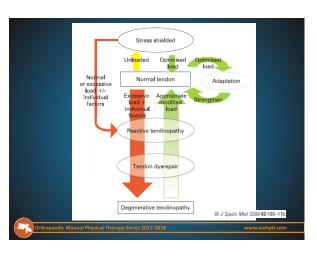


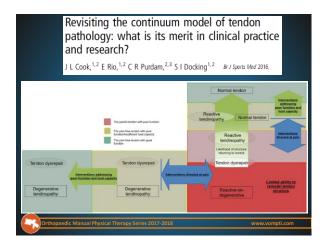




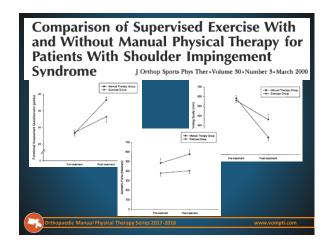




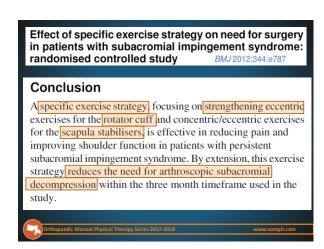






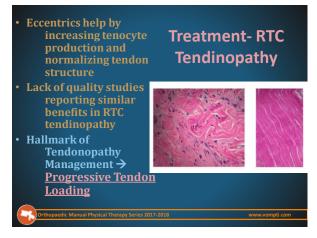


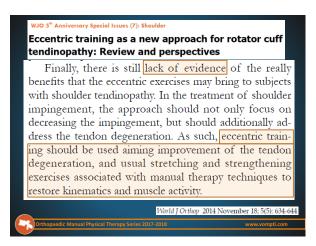


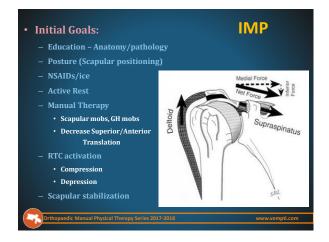










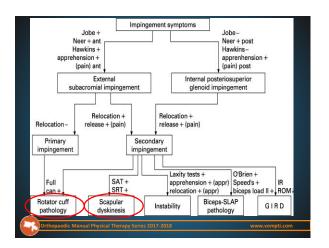


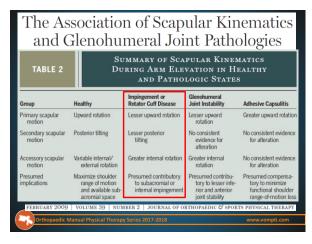


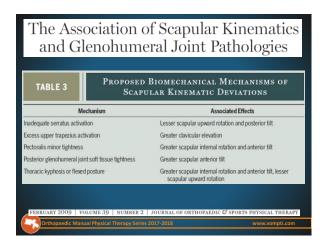




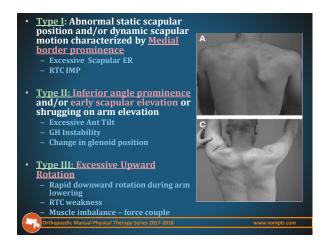






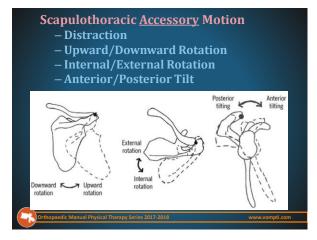






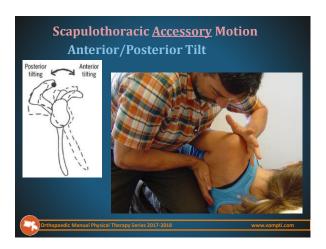


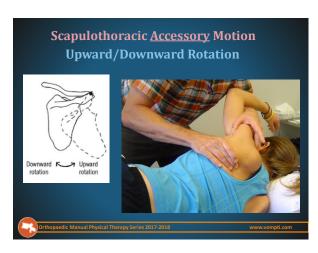


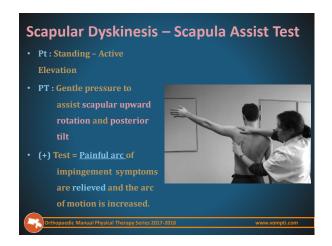






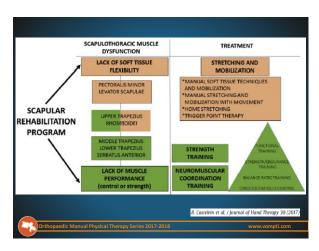


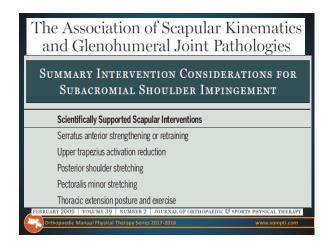






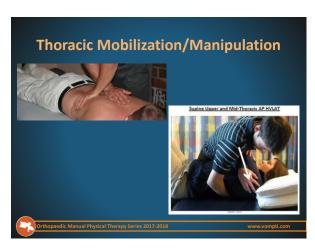


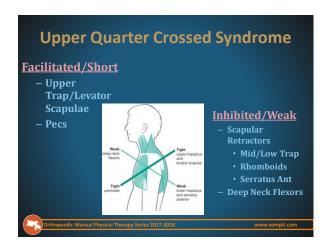






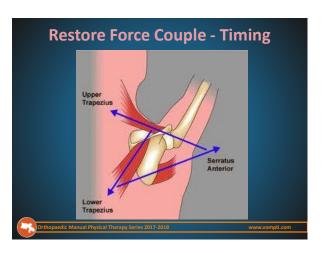


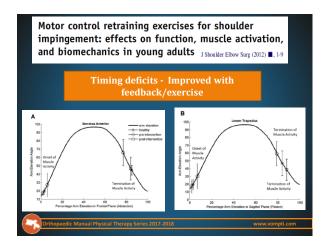




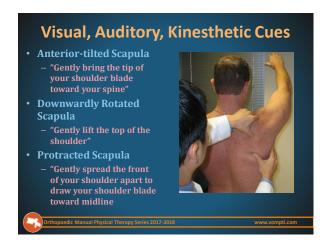


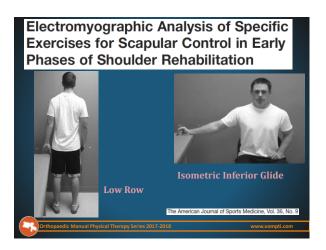


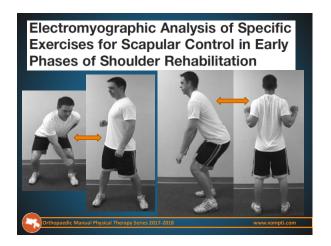






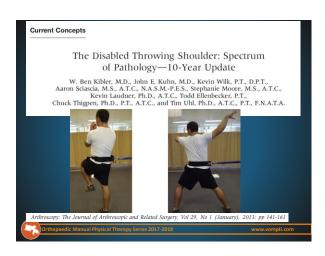


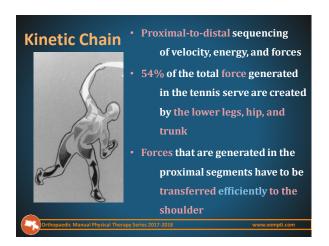




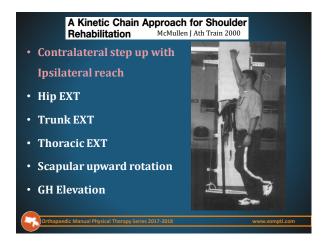


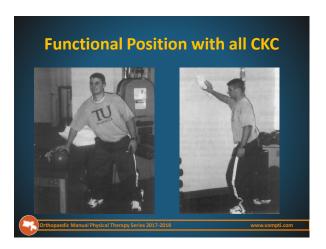


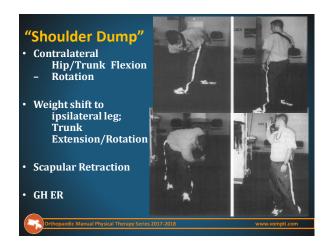


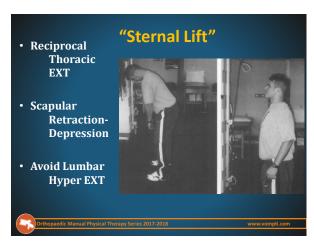


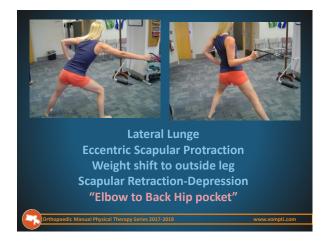


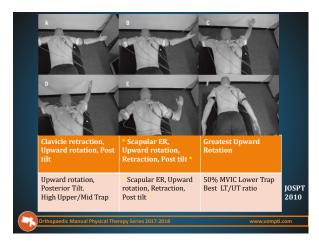


















	Patient or Problem	Intervention	Comparison Intervention	<u>O</u> utcomes
Tips for Building	Starting with your patient, ask "How would I describe a group of patients similar to mine?" Balance precision with brevity	Ask "Which main intervention am I considering?" Be specifiic	Ask "What is the main alternative to compare with the intervention?" Again, be specific	Ask "What can I hope to accomplish? Or What could this exposure effect?"
Example	In patients with lateral epicondylitis	Would adding manipulation to modalities or injection alone	When compared to modalities or injection alone	Reduce the number of visits to return to pain free function.
Your Patient	RTC Tendonopathy with Scapular Dyskinesia	Exercises with best MT/UT ratio	none	Improve function – overhead reaching, bowling, throwing

