



MSK Ultrasound of the Shoulder Joint

This brand-new eLearning course is designed for all MSK healthcare professionals who (wish to) examine the shoulder joint with MSK ultrasound. Upon successful completion of this course, you will be awarded 20 European CME credits (ECMECs). To obtain your ECMECs certificate, please contact our customer support team, who will assist you in the process of claiming and receiving your credits. This ensures that you receive formal recognition of your learning and professional development through this course. Should you have any further inquiries regarding the credits or need additional support, our team is readily available to assist you.

20
CME credits

21
Chapters

193
Lectures

17
Quizzes

Chapter 1 | CME

Free lectures

Lectures & Quizzes:

- Free lecture 1
- Free lecture 2
- Free lecture 3
- Free lecture 4

Chapter 2 | CME

Introduction

In this chapter, we'll introduce the speakers and cover some foundational knowledge and jargon we'll use in this course.

Lectures & Quizzes:

- Welcome and introduction
- Introducing the speakers
- Ultrasound language
- SonoSkills Scanning Checklist: Operator
- SonoSkills Scanning Checklist: System
- SonoSkills Scanning Checklist: Transducer
- SonoSkills pathology checklist
- SonoSkills pathology checklist: case 1
- SonoSkills pathology checklist: case 2
- Starting off shoulder assessment
- Clinical shoulder tests
- MSK SJ - Introduction

Biceps

In this chapter, we'll cover the (sono)anatomy, standardized protocol positions and some (sono)pathology cases of the long head of the biceps region.

Lectures & Quizzes:

- Long head of biceps - anatomy
- Long head of biceps - sonoanatomy
- Long head of the biceps tendon - hands on SAX
- Long head of the biceps tendon - hands on LAX
- Long head of the biceps tendon detailed - hands on SAX
- Long head of the biceps tendon - hands on measurements SAX
- Long head of the biceps tendon - hands on stability testing SAX
- Long head of the biceps tendon part 1 - sonopathology
- Long head of the biceps tendon part 2 - sonopathology
- Biceps case #1 (54 yr old man, dislocated biceps)
- Biceps case #2 (56 yr old man with rupture of LHB)
- Biceps case #3 (58 yr old man loose body in biceps tendon sheath)
- Biceps case #4 (64 year old man with biceps dislocation, tear of SSC and supra)
- Biceps case #5 (65 year old man with biceps luxation, SSC, Supra, Infra. Intact Teres Minor)
- MSK SJ - Biceps

Pectoralis major

In this chapter, we'll cover the (sono)anatomy, standardized protocol positions and some (sono)pathology cases of the pectoralis major region.

Lectures & Quizzes:

- Pectoralis major - anatomy
- Pectoralis major - sonoanatomy
- Pectoralis major - hands on LAX
- Pectoralis major - hands on SAX
- Pectoralis major - sonopathology
- Pectoralis major case #1 (64 yr old man ruptured deltoid)
- MSK SJ - Pectoralis major

Rotator interval

In this chapter, we'll cover the (sono)anatomy, standardized protocol positions and (sono)pathology of the rotator interval region.

Lectures & Quizzes:

- Rotator interval - anatomy
- Rotator interval - sonoanatomy
- Rotator interval - hands on SAX
- Rotator interval - hands on LAX
- Rotator interval - sonopathology
- Frozen shoulder - sonopathology
- MSK SJ - Rotator interval

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Subscapularis

In this chapter, we'll cover the (sono)anatomy, standardized protocol positions and some (sono)pathology cases of the subscapularis region.

Lectures & Quizzes:

- Subscapularis - anatomy
- Subscapularis - sonoanatomy
- Subscapularis - hands on LAX
- Subscapularis - hands on SAX
- Subscapularis - hands on detailed SAX
- Subscapularis vs coracoid process - hands on LAX
- Subscapularis part 1 - sonopathology
- Subscapularis part 2 - sonopathology
- Subscapularis case #1 (49 yr old man Calcification SSC and Lavage)
- Subscapularis case #2 (43 yr old man subscap and biceps rupture)
- Subscapularis case # 3 (34 yr Man, fractured lesser tubercle)
- MSK SJ - Subscapularis

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Coracoid Process

In this chapter, we'll cover the (sono)anatomy, standardized protocol positions and some (sono)pathology cases of the coracoid process.

Lectures & Quizzes:

- Coracoid process - anatomy
- Coracoid process - sonoanatomy
- Coracoid process bone - hands on LAX and SAX
- Coracobrachialis and short head of the biceps - hands on SAX
- Coracobrachialis and short head of the biceps - hands on LAX
- Pectoralis minor - hands on SAX
- Pectoralis minor - hands on LAX
- Coracoacromial ligament - hands on LAX
- Coracohumeral ligament - hands on LAX
- Coracoid process - sonopathology
- Coracoid process case (58 year old man with fracture of the Coracoid Process)
- MSK SJ - Coracoid Process

Chapter 8 | CME

Ventral Shoulder - recorded Q&A Session

In this recorded Q&A session, course speaker Marc Schmitz covered all the questions you sent us before.

Lectures & Quizzes:

- Q&A - Ventral Shoulder

Chapter 9 | CME

SASD bursa

In this chapter, we'll cover the (sono)anatomy, standardized protocol positions and some (sono)pathology cases of the SASD bursa.

Lectures & Quizzes:

- SASD bursa - (sono)anatomy
- Pathology subacromial bursitis
- SASD bursa - sonopathology
- SASD bursa case #1 (46 yr Man with fibrotic bursa etc.)
- SASD bursa case #2 (69 yr old man with degenerative shoulder (shifting of bursal fluid))
- MSK SJ - SASD bursa

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SSP anatomy

In this chapter, we'll cover the (sono)anatomy of the supraspinatus.

Lectures & Quizzes:

- Supraspinatus tendon - anatomy
- Supraspinatus rotator cable - anatomy
- Supraspinatus muscle supraclavicular nerve - anatomy
- Supraspinatus tendon part 1 - sonoanatomy
- Supraspinatus tendon part 2 - sonoanatomy
- Supraspinatus subacromial - sonoanatomy
- Supraspinatus muscle suprascapular nerve - sonoanatomy
- MSK SJ - SSP anatomy

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SSP Demo

In this chapter, we'll cover the standardized protocol positions of the supraspinatus.

Lectures & Quizzes:

- Supraspinatus tendon - hands on SAX Modified Crass
- Supraspinatus tendon - hands on SAX Crass
- Supraspinatus tendon - hands on LAX Modified Crass
- Supraspinatus tendon - hands on LAX Crass
- Supraspinatus tendon detailed 1 - hands on SAX
- Supraspinatus tendon detailed 2 - hands on LAX
- Supraspinatus versus infraspinatus tendon - hands
- Supraspinatus tendon measurements - hands on SAX + LAX
- Supraspinatus impingement - hands on LAX
- Supraspinatus tendon 3x active abduction - hands on LAX
- Acromiohumeral distance - hands on LAX
- Supraspinatus muscle - hands on SAX LAX
- MSK SJ - SSP Demo

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SSP pathology

In this chapter, we'll cover the (sono)pathology of the supraspinatus.

Lectures & Quizzes:

- Rotator cuff calcification - sonopathology
- Rotator cuff calcification migration - sonopathology
- Supraspinatus case #1 (37 yr Woman, Type 3 Calcification SS-tendon)
- Pathology tendon disorders rotator cuff
- Supraspinatus tendinopathy - sonopathology
- Subacromial impingement - sonopathology
- Clinical shoulder tests_subacromial impingement
- Supraspinatus tendon tears in general - sonopathology
- Supraspinatus bursal sided partial tendon tears - sonopathology
- Supraspinatus articular sided partial tendon tears - sonopathology
- Supraspinatus mid tendon partial tendon tears - sonopathology
- Supraspinatus full thickness tendon tears - sonopathology
- Supraspinatus complete tendon tears - sonopathology
- Massive rotator cuff tears - sonopathology
- Supraspinatus muscle - sonopathology
- Postoperative cuff - sonopathology
- Supraspinatus case #2 (62yr Man supraspinatus tear, partial SSC)
- Supraspinatus case #3 (70 yr old man with Cuff tear not suitable for suture)
- Supraspinatus case #4 (74 yr old man with FTT of Supra)
- Supraspinatus case #5 (49 yr old man Partial Thickness Supraspinatus)
- Supraspinatus case #6 (82 yr man, dislocated biceps massive degenerative cuff tear)
- Supraspinatus case # 7 (77 year old man Massive Cuff Tear)
- Supraspinatus case #8 (82 year old woman with OA, cufftear and gigantic bursa)
- Supraspinatus case #9 (52 yr Woman, fractured GT)
- Supraspinatus case #10 (57 yr Man, fractured Greater Tubercle)
- Clinical shoulder tests Rotator cuff
- MSK SJ - SSP pathology

Chapter 13 | CME

AC / SC / Clavicula

In this chapter, we'll cover the (sono)anatomy, standardized protocol positions and some (sono)pathology cases of the AC / SC and Clavicula.

Lectures & Quizzes:

- AC / SC / Clavicula anatomy
- AC / SC / Clavicula sonoanatomy
- Acromioclavicular joint
- AC joint measuring (width, height difference) - LAX
- AC joint dynamical stress (horizontal adduction, horizontal adduction/resistance, cross arm manoeuvre, kettle bell) - LAX
- AC joint - SAX
- Coracoclavicular ligaments (conoid and tapezied)
- Casus post traumatische synovitis
- AC joint case #1 (25 yr Man lateral clavicle osteolysis)
- AC joint case #2 (29 yr old man with grade 5 AC-joint dislocation)
- AC joint case #3 (57 yr old man with lipoma posterior to AC-joint)
- AC joint case #4 (72 yr man Geysler Sign)
- AC joint case #5 (70 yr old woman OA of the AC-

- ligaments) - LAX
- SC joint (statically + dynamically) - LAX
- Clavicula - SAX
- AC sonopathology

- joint)
- SC clavicula sonopathology
- Clinical shoulder tests: AC joint
- MSK SJ - AC / SC / Clavicula

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Infraspinatus/teres minor

In this chapter, we'll cover the (sono)anatomy, standardized protocol positions and some (sono)pathology cases of the infraspinatus / teres minor region.

Lectures & Quizzes:

- Infraspinatus / teres minor - anatomy
- Infraspinatus / teres minor - sonoanatomy
- Infraspinatus/Teres minor tendon - hands on LAX
- Infraspinatus/Teres minor tendon - hands on SAX
- Infraspinatus muscle - hands on SAX + LAX
- Differentiating the infraspinatus and teres minor - hands on SAX + LAX
- Teres minor - hands on SAX
- Infraspinatus / teres minor - sonopathology
- Infraspinatus muscle - sonopathology
- Case infraspinatus
- MSK SJ - Infraspinatus/teres minor

Chapter 15 | CME

Axilla

In this chapter, we'll cover the (sono)anatomy, standardized protocol positions and some (sono)pathology cases of the axilla region.

Lectures & Quizzes:

- (Sono)anatomy of the axilla
- Axillary recess - LAX
- Axillary recess - SAX
- Lattissimus dorsi and subscapular muscles: axillary view - SAX
- Sonopathology axilla
- MSK SJ - Axilla

Chapter 16 | CME

SASD Bursa & Supraspinatus / Superior, Dorsal and Inferior Shoulder - recorded Q&A Session

In this recorded Q&A session, course speaker Marc Schmitz covered all the questions you sent us before.

Lectures & Quizzes:

- Q&A - SASD Bursa & Supraspinatus / Superior, Dorsal and Inferior Shoulder

Chapter 17 | CME

Glenohumeral joint

In this chapter, we'll cover the (sono)anatomy, standardized protocol positions and some (sono)pathology cases of the glenohumeral joint.

Lectures & Quizzes:

- Glenohumeral joint - anatomy
- Glenohumeral joint - sonoanatomy
- Anterior labrum (statically and dynamically) - Centralization humeral head anterior/posterior - LAX
- Dorsal Labrum and posterior recess (statically + dynamically), and centralization humeral head posterior/anterior - LAX
- Inferior labrum (statically + dynamically) - Centralization humeral head inferior/posterior - LAX
- Pathology labrum
- Pathology GH osteoarthritis
- Glenohumeral joint - sonopathology
- Glenohumeral joint case #1 (19 year old handball player with internal impingement)
- Glenohumeral joint case #2 (32 yr Man Anterior Labrum)
- Glenohumeral joint case #3 (45-year old woman with hypermobility but also OA)
- Glenohumeral joint case #4 (49 year old woman adhesive capsulitis)
- Glenohumeral joint case #5 (59 year old woman with posterior paralabral cyst)
- Glenohumeral joint case #6 (63 yr Man Paralabral cyst and aspiration)
- Glenohumeral joint case #7 (63 yr old man GH Osteoarthritis sent for surgery)
- Glenohumeral joint case #8 (64 yr old woman with OA and then Prosthesis)
- Glenohumeral joint case #9 (67 year old woman with _frozen shoulder_ that turned out to be OA)
- Clinical shoulder tests: Anterior instability
- Clinical shoulder tests: Gh osteoarthritis
- Clinical shoulder tests: Labral complex
- Clinical shoulder tests: Posterior tightness
- MSK SJ - Glenohumeral joint

Chapter 18 | CME

Nerves

In this chapter, we'll cover the (sono)anatomy, standardized protocol positions and (sono)pathology of the nerves in the shoulder.

Lectures & Quizzes:

- Brachial plexus - anatomy
- Brachial plexus part 1 - sonoanatomy
- Brachial plexus part 2 - sonoanatomy
- Brachial plexus - sonopathology
- Suprascapular nerve - anatomy and sonoanatomy
- Suprascapular nerve in supraspinous notch
- Suprascapular nerve in spinoglenoid notch
- Axillary nerve and quadrilateral space - anatomy and sonoanatomy
- Axillary nerve
- Nerves - Sonopathology
- MSK SJ - Nerves

Chapter 19 | CME

Scapular

In this chapter, we'll cover the (sono)anatomy, standardized protocol positions and some (sono)pathology cases of the scapular region.

Lectures & Quizzes:

- Serratus anterior muscle (sono)anatomy
- Serratus anterior muscle demonstration
- Trapezius muscle (sono)anatomy
- Trapezius muscle demonstration
- Rhomboid muscle (sono)anatomy
- Rhomboid muscle demonstration
- Levator scapula (sono)anatomy
- Levator scapula demonstration
- Clinical shoulder tests: Scapula
- MSK SJ - Scapular

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Closing

In this chapter, we'll discuss how to put the learnings into practice and offer some next steps to advance your skills.

Lectures & Quizzes:

- Normal findings ultrasound
- Putting things together
- Shoulder protocol positions: what, when, where?
- What's next?
- MSK SJ - Final quiz

Chapter 21 | CME

Glenohumeral, Nerves, and Scapulothoracic Joint - recorded Q&A Session

In this recorded Q&A session, course speaker Marc Schmitz covered all the questions you sent us before.

Lectures & Quizzes:

- Q&A - Glenohumeral, Nerves, and Scapulothoracic Joint