

Musculoskeletal Ultrasonography of the shoulder – Basic steps



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EULAR certified MSUS trainer

Head of the Egyptian Society of Musculoskeletal
and Neuromuscular Sonography

Scientific Director of the Egyptian School
for Musculoskeletal Ultrasonography



Standardised scanning technique and sonoanatomy

Anterior

Superior

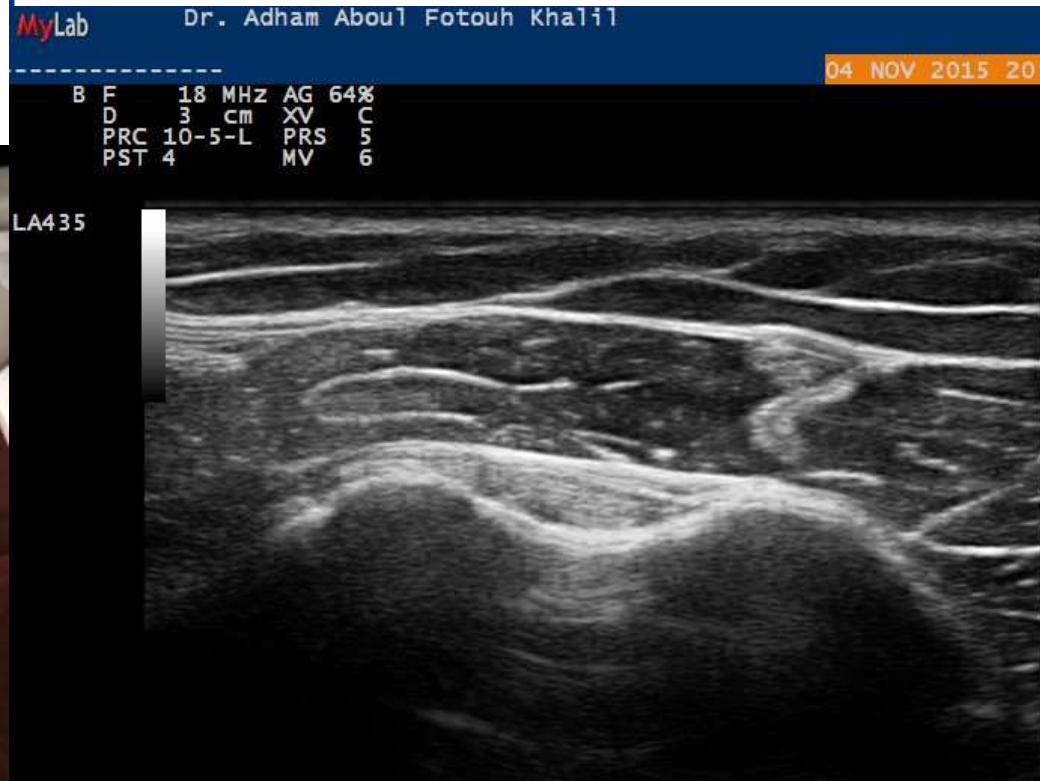
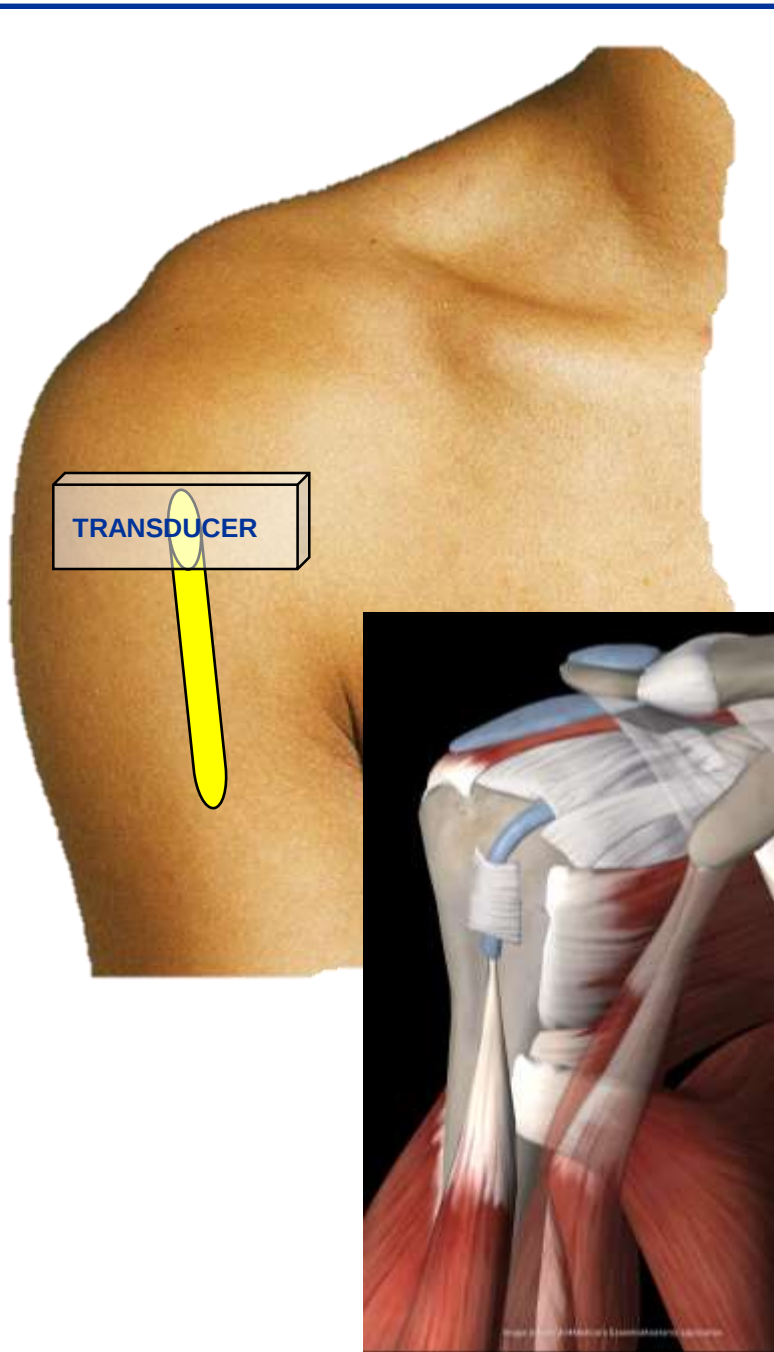
Antero-Lateral

Posterior

Inferior

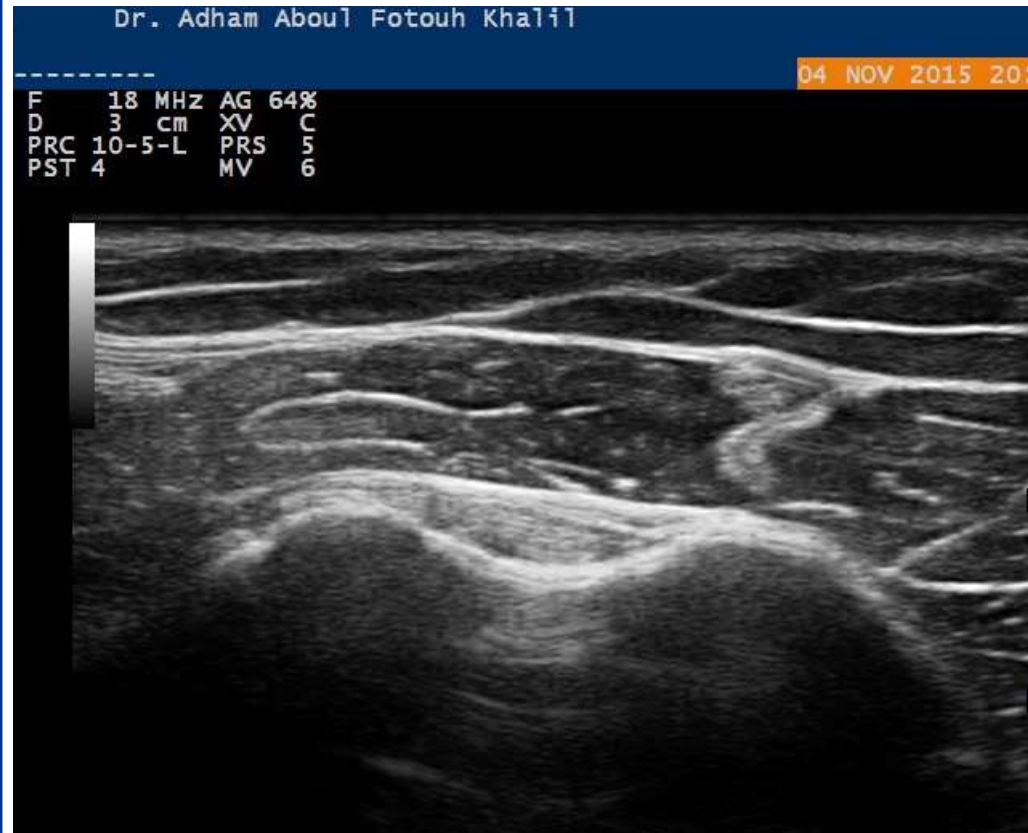
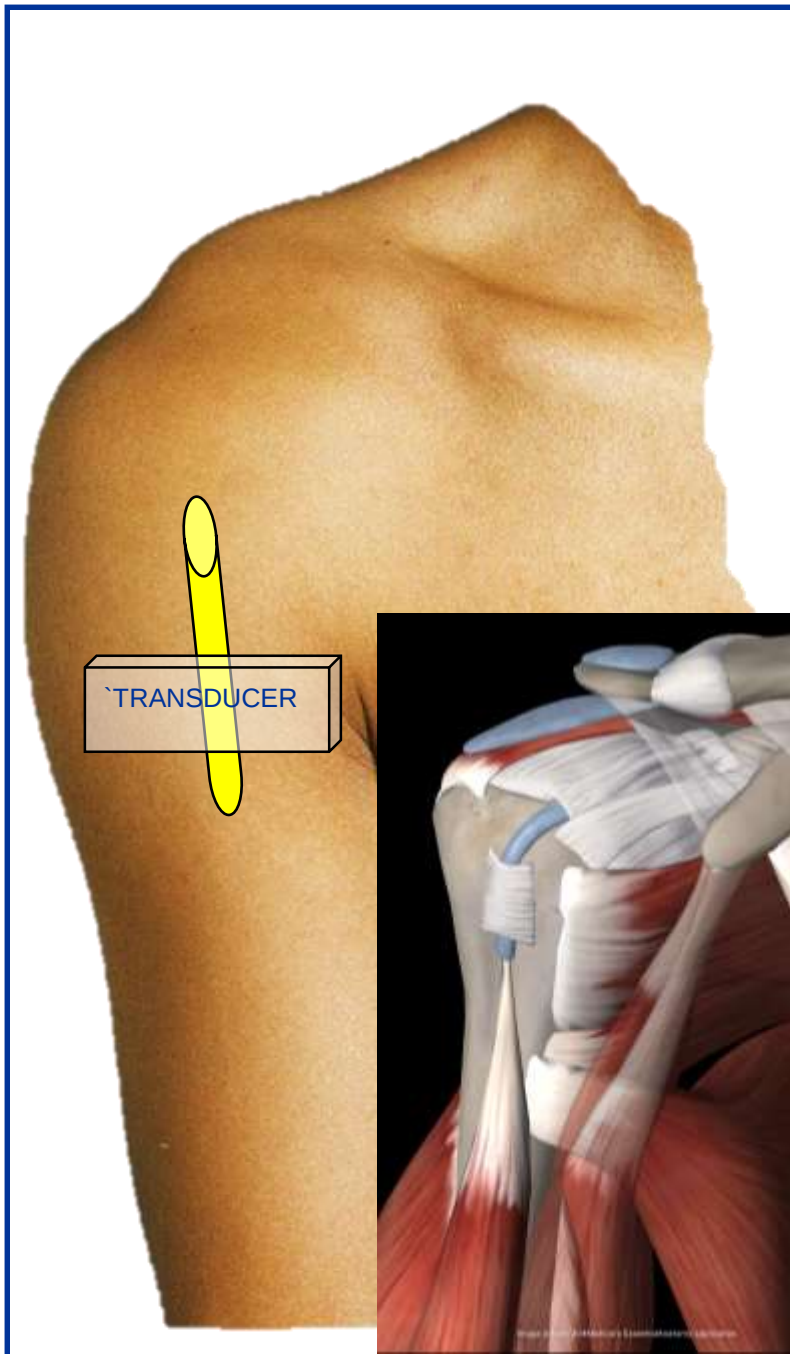
Biceps tendon:

Short axis

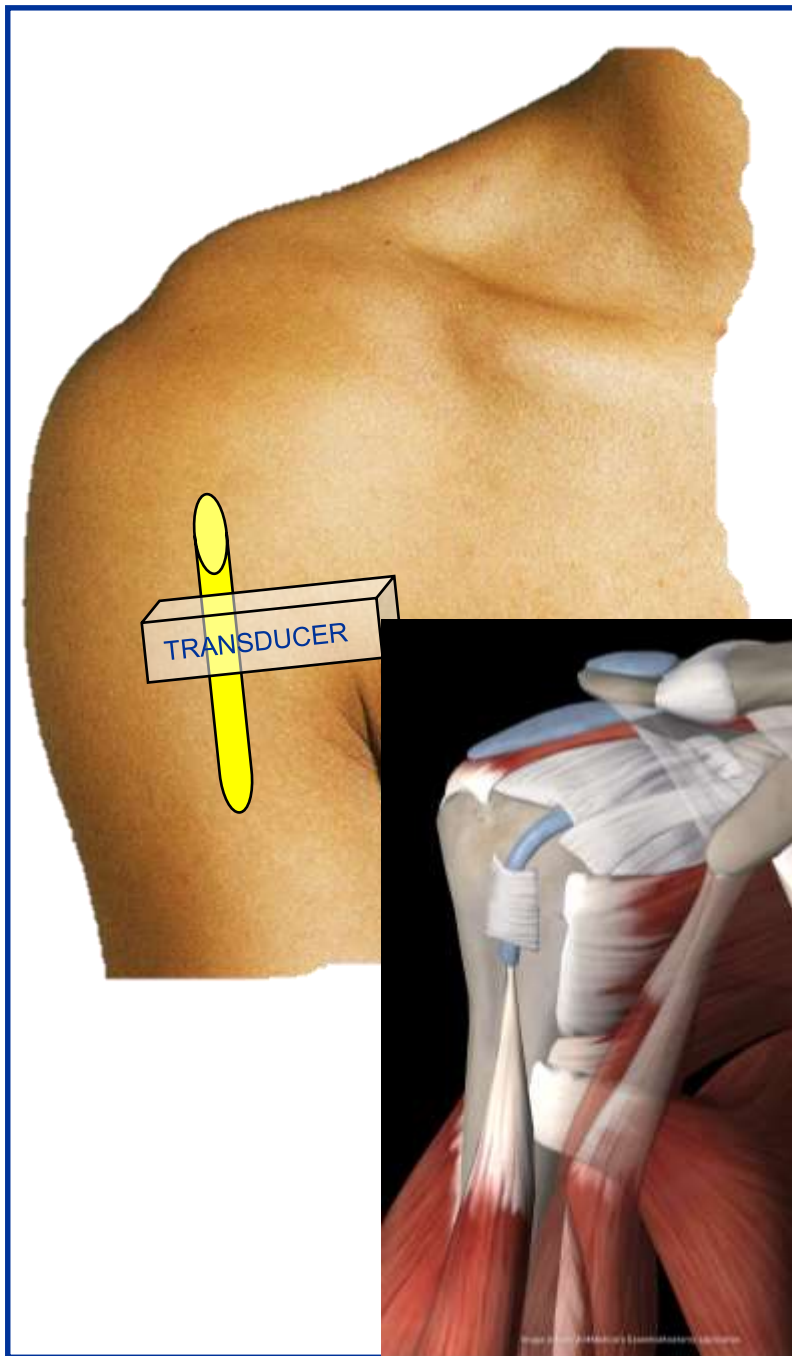


Biceps tendon:

Short axis



Biceps tendon: *Long axis*



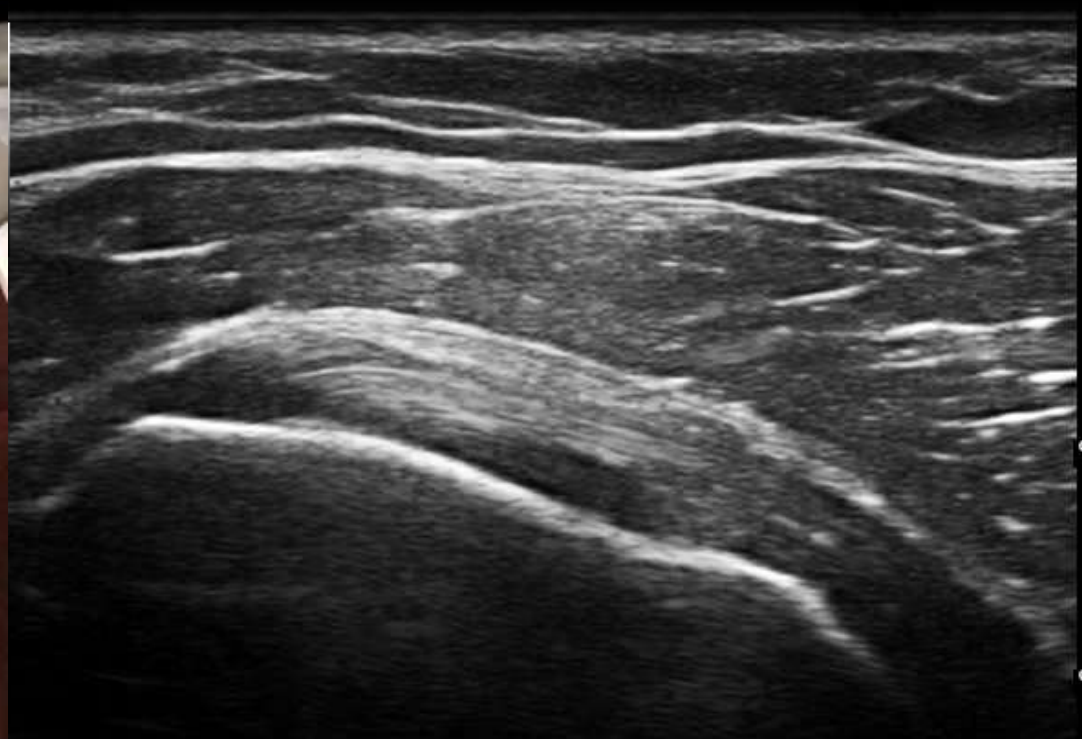
Subscapular tendon: *Long axis*

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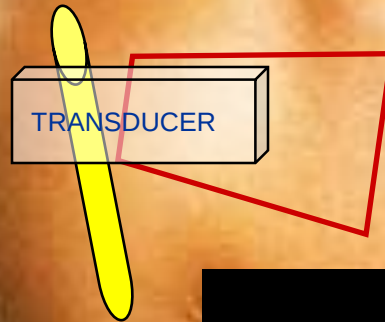
21 JUN 2015 16:

TRANSDUCER

F	18	MHZ	G	58%
D	3	CM	XV	C
PRC	10-5-L		PRS	5
PST	4		MV	6



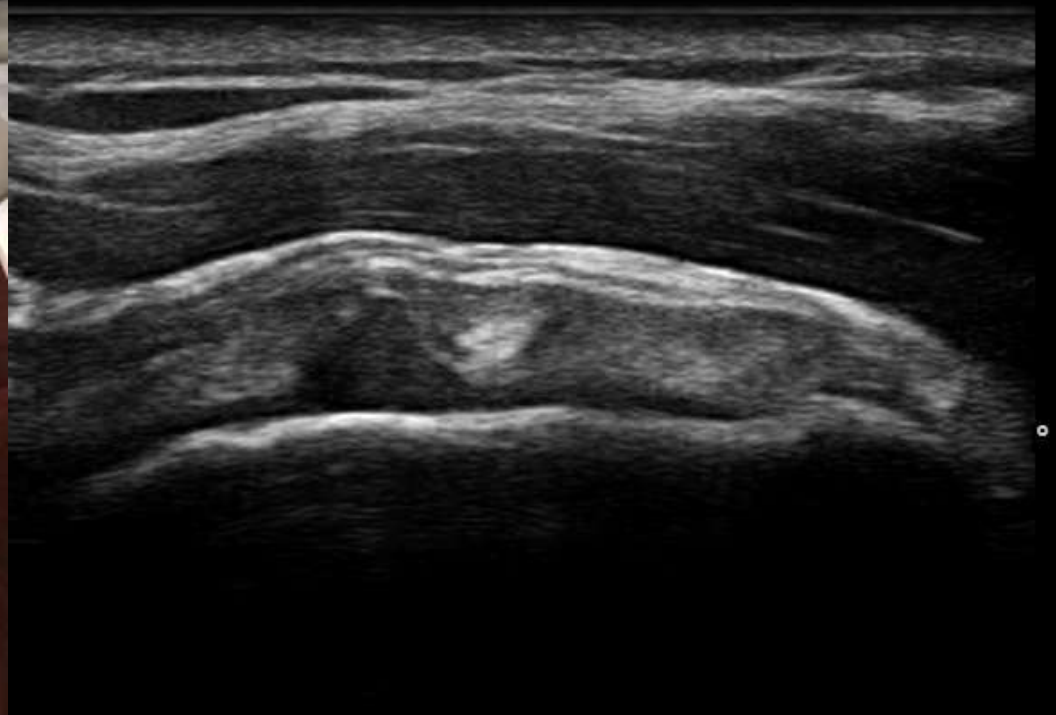
Subscapular tendon: *Short axis*



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F 18 MHz AG 64%
D 3 cm XV C
PRC 10-5-L PRS 5
PST 4 MV 6



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Anterior

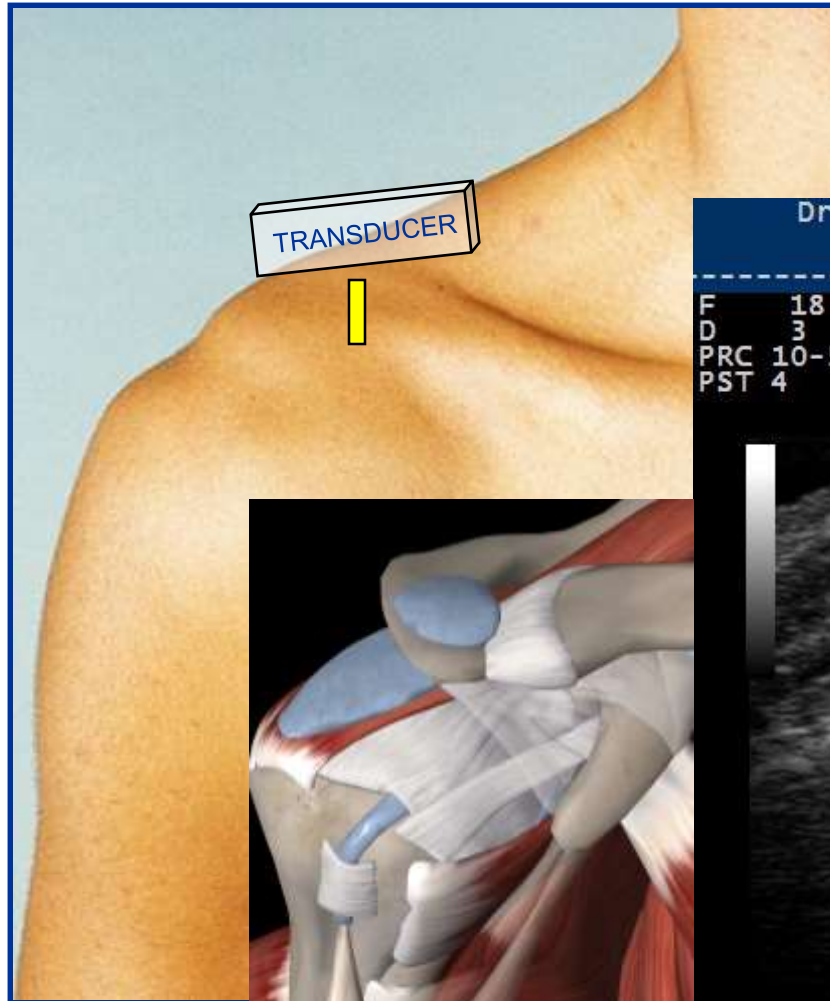
Superior

Antero-Lateral

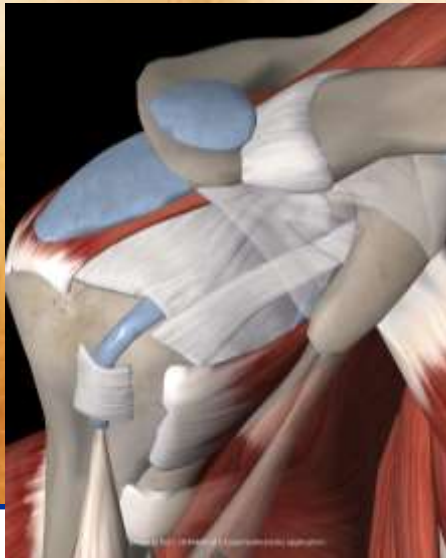
Posterior

Inferior

ACROMIO-CLAVICULAR JOINT



Long axis



Standardised scanning technique and sonoanatomy

Anterior

Superior

Antero-Lateral

Posterior

Inferior

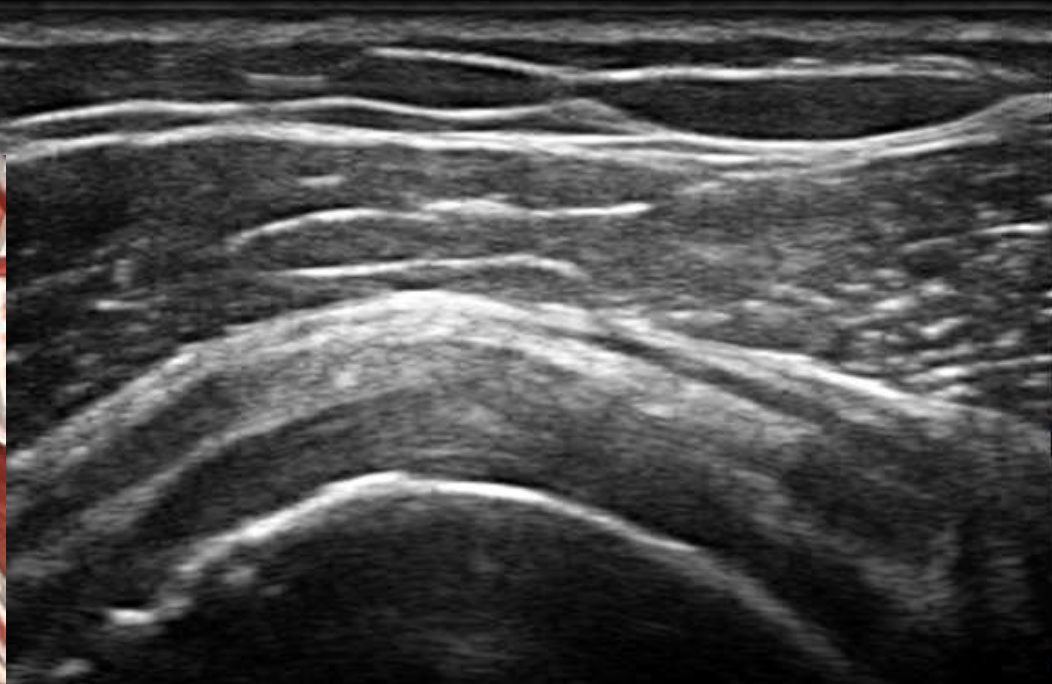
Supraspinatus tendon: *Short axis*

TRANSDUCER

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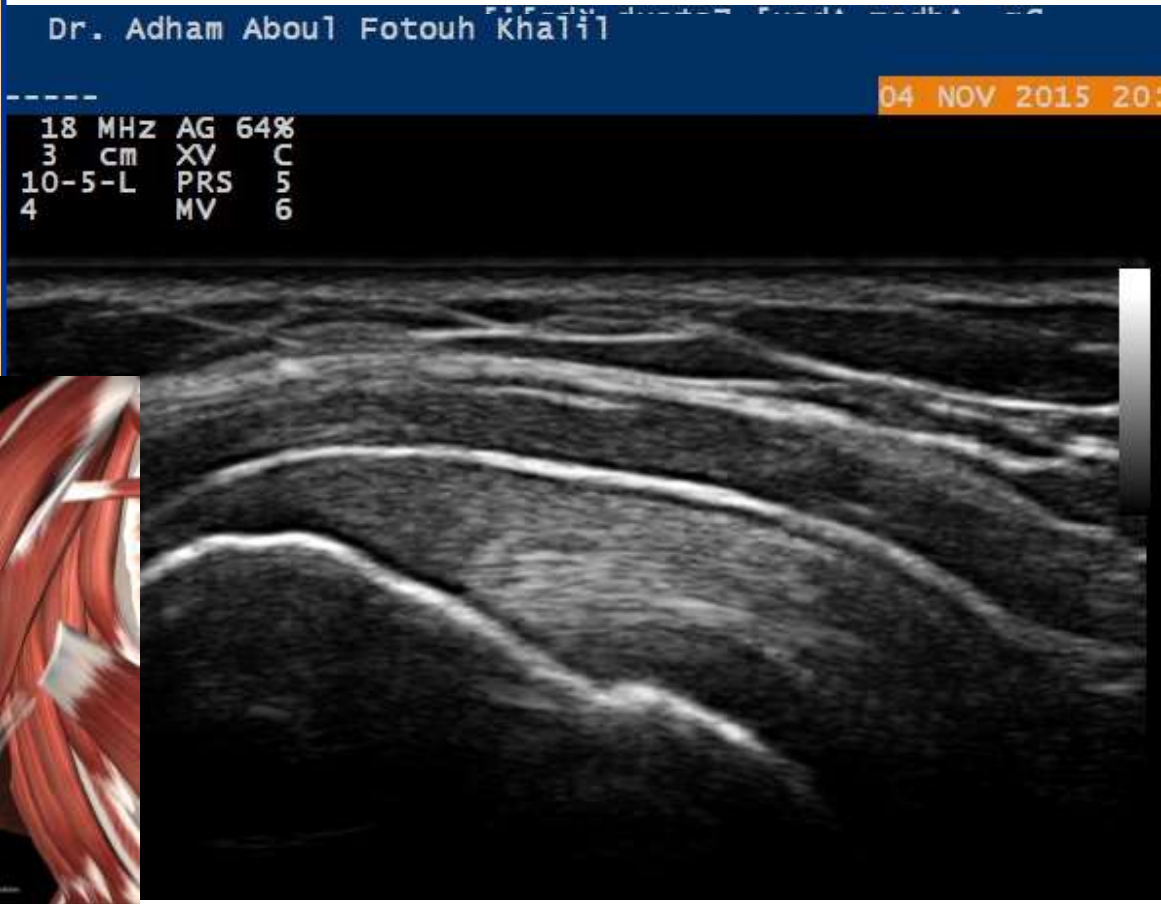
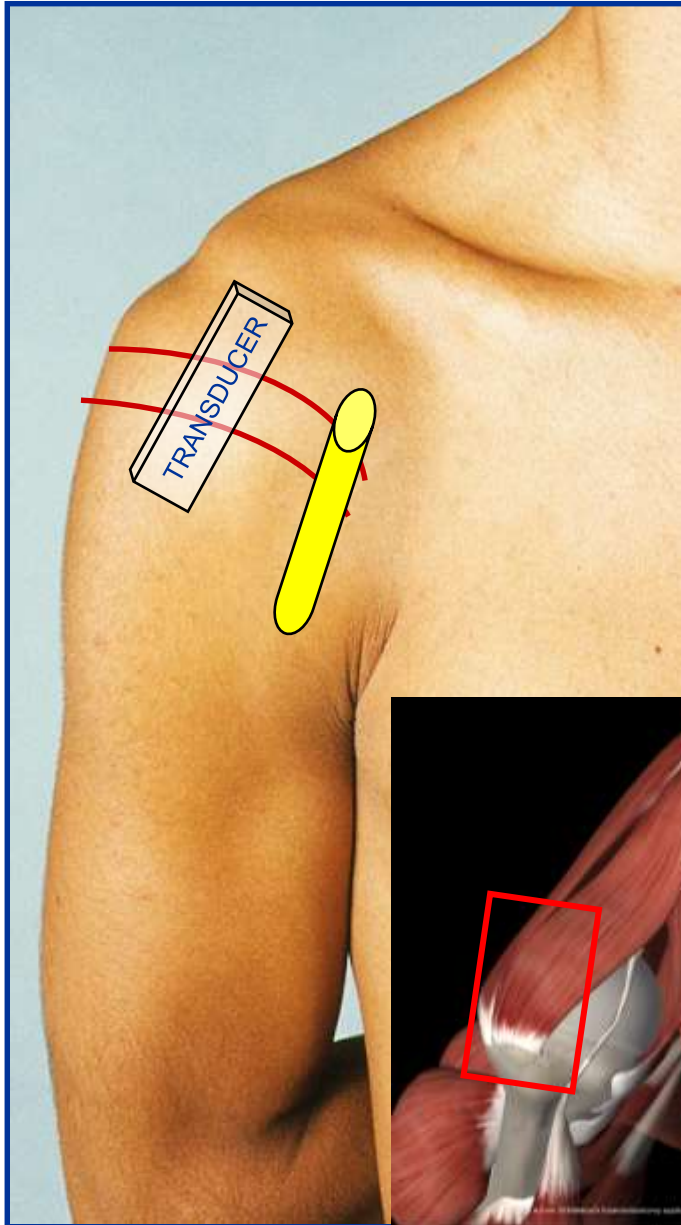
07 APR 2015 13:

F 18 MHz G 64%
D 3 cm XV C
PRC 9-5-L PRS 5
PST 4 MV 6

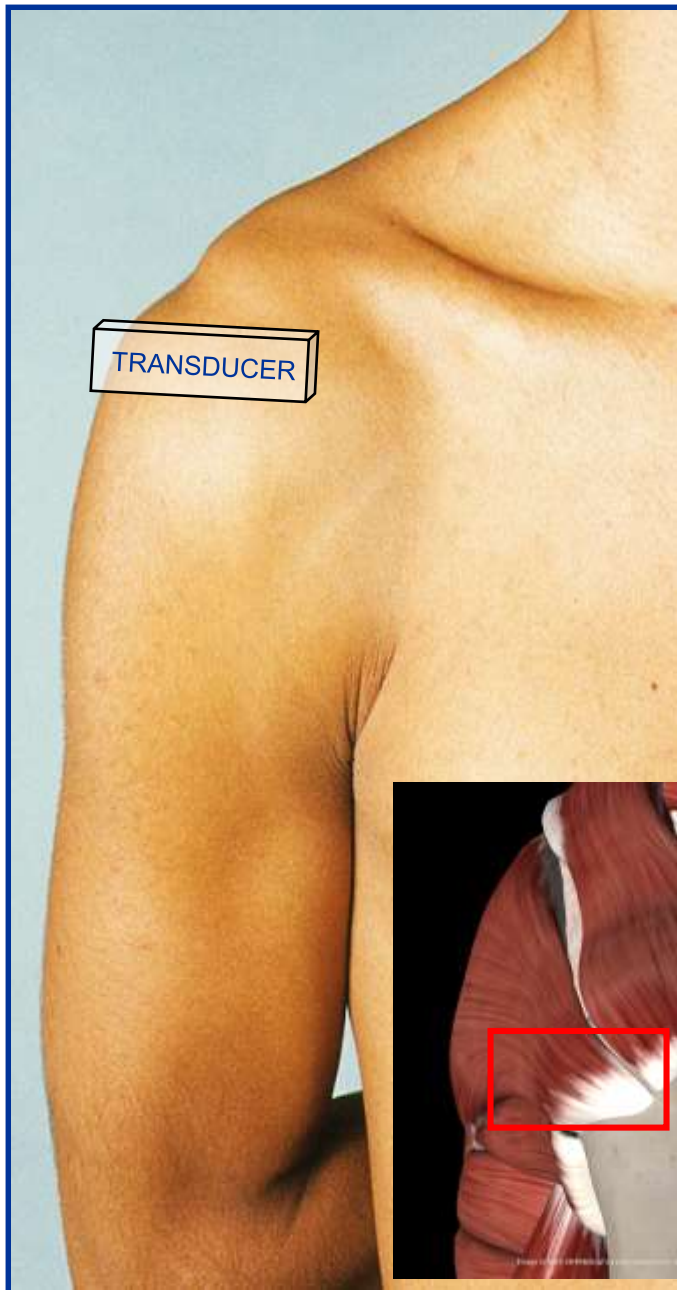


Supraspinatus tendon:

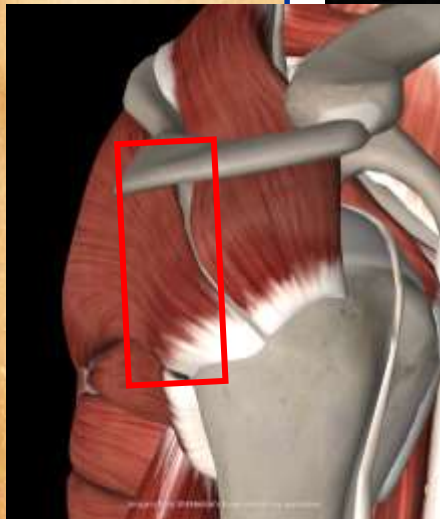
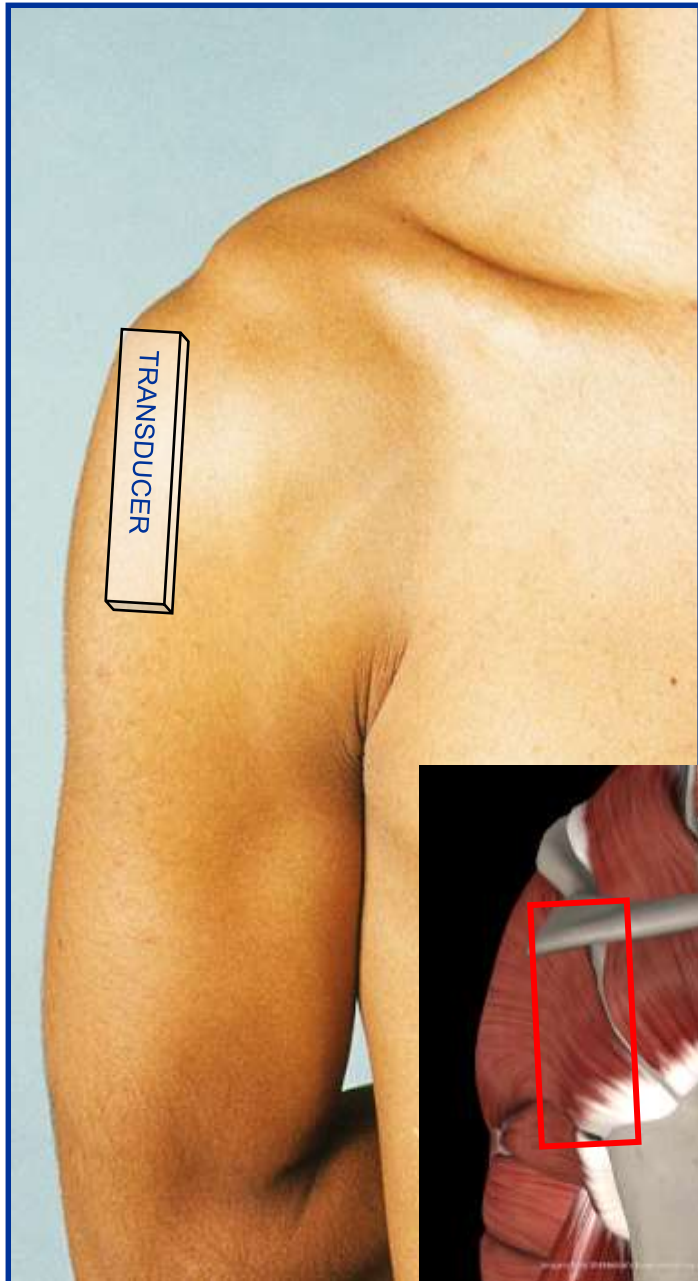
Long axis



Infraspinatus tendon: *Short axis*



Infraspinatus tendon: *long axis*



Standardised scanning technique and sonoanatomy

Anterior

Superior

Antero-Lateral

Posterior

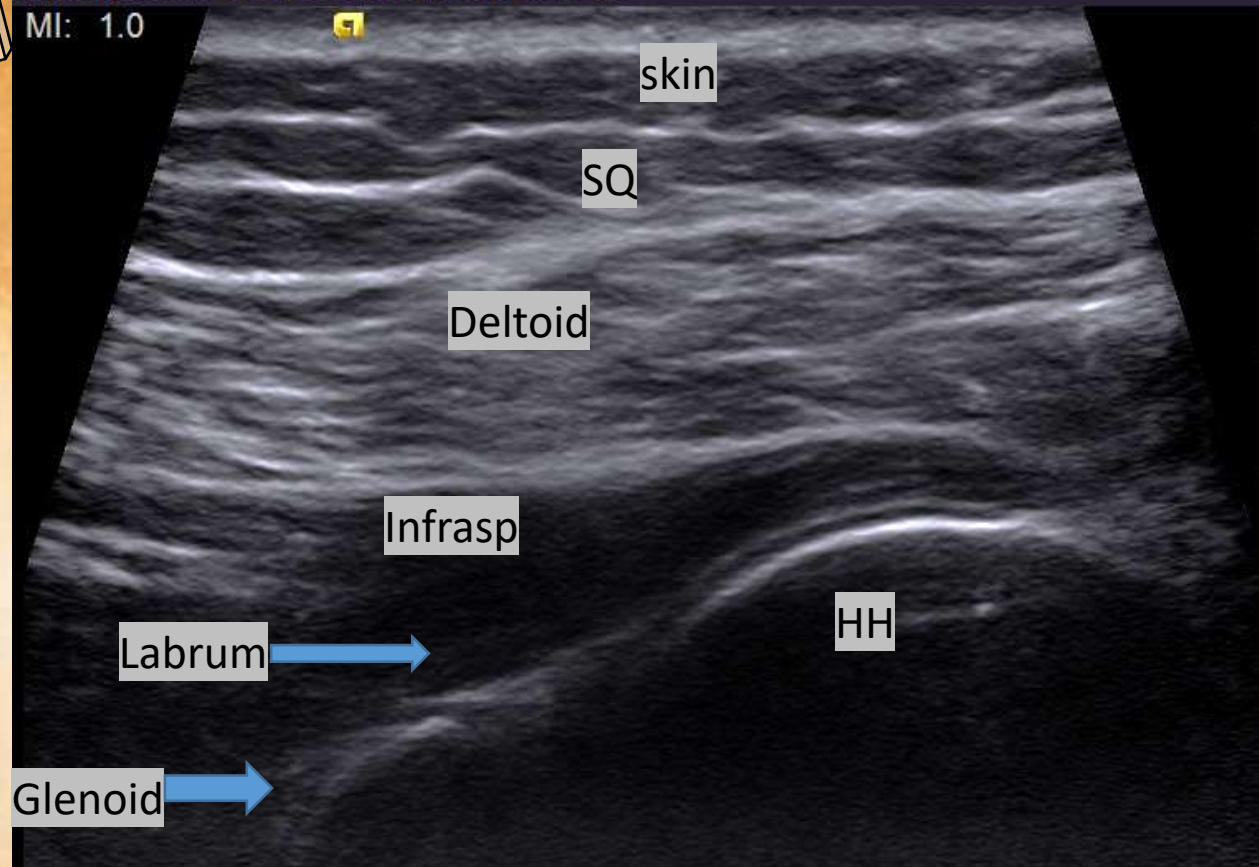
Inferior

Posterior approach: *Long axis*



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MI: 1.0

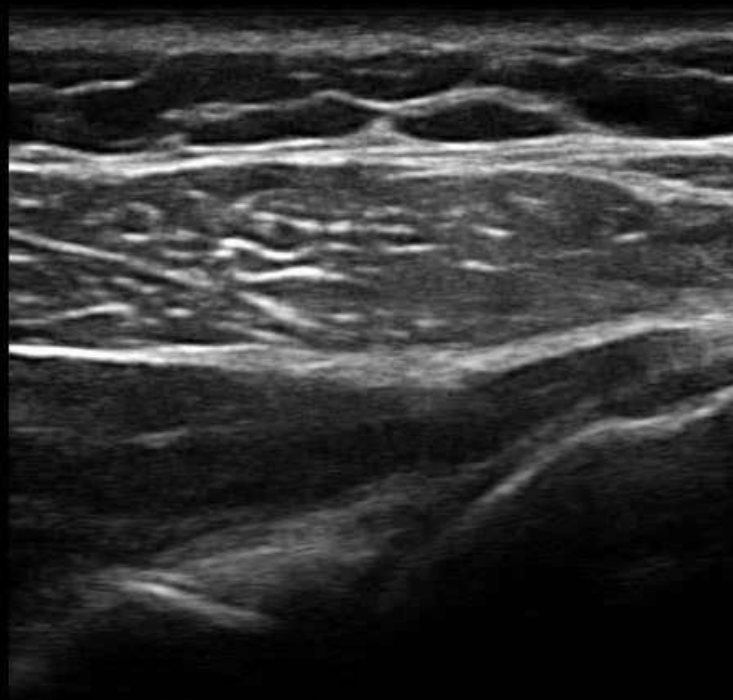


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21 JUN 2015 16:50

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F 18 MHz G 58%
D 4 cm XV C
PRC 10-5-L PRS 5
PST 4 MV 6



Standardised scanning technique and sonoanatomy

Anterior

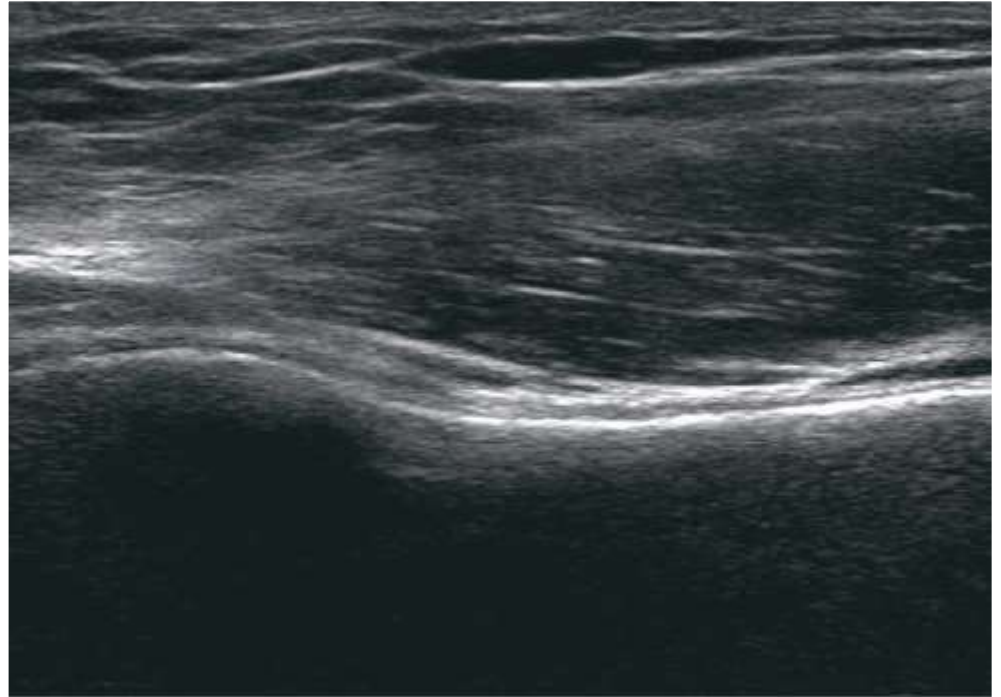
Superior

Antero-Lateral

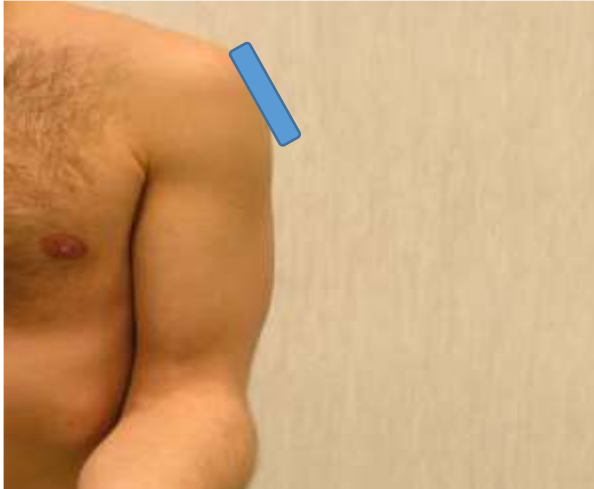
Posterior

Inferior

Axillary recess: arm raised. Longitudinal



Impingement





Thank you

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