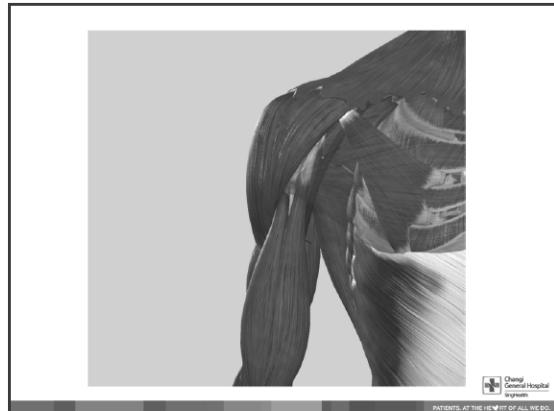
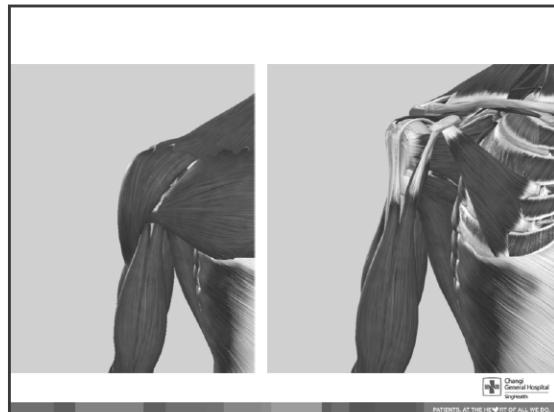
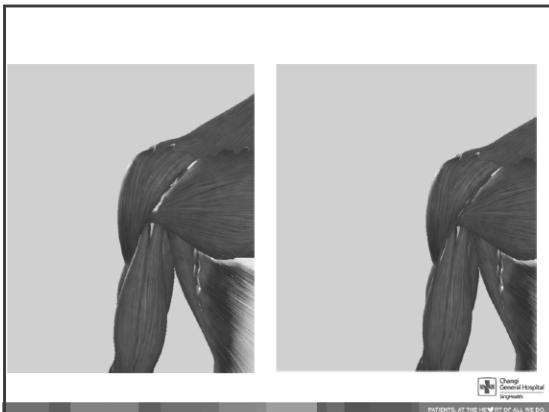
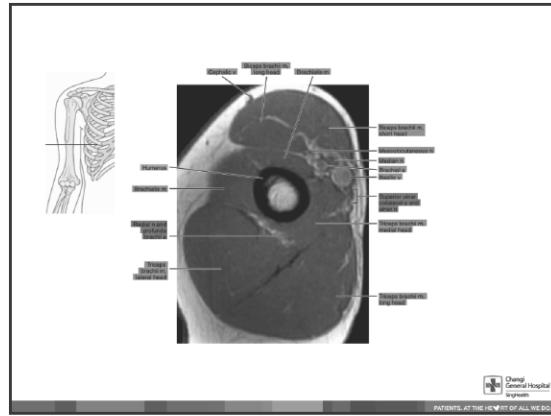
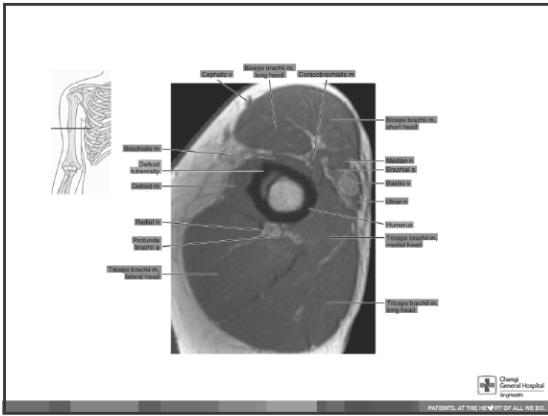
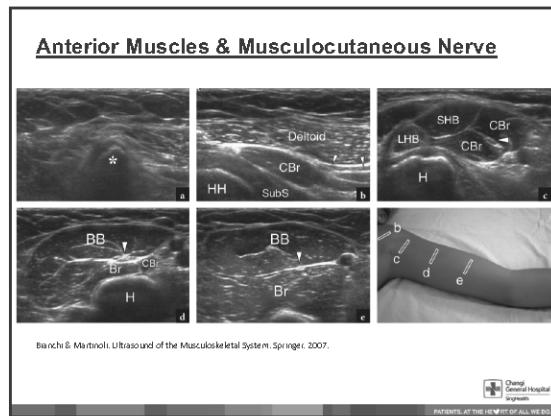
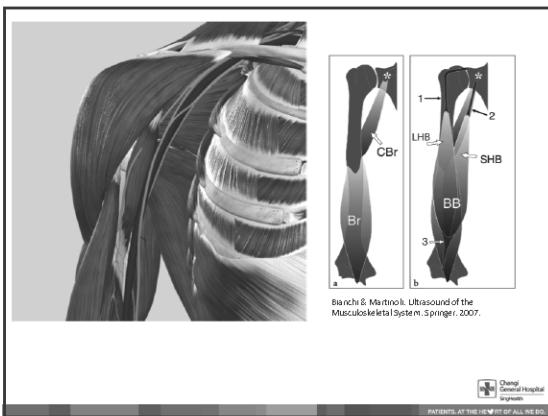
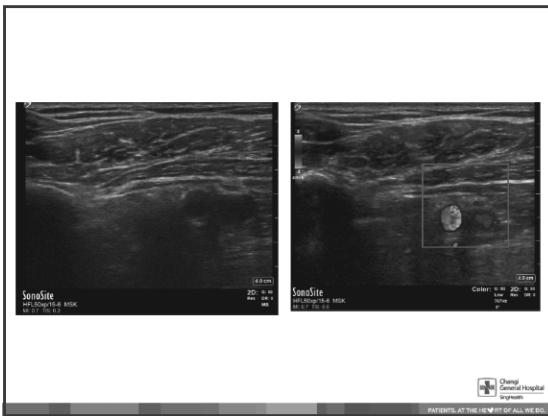
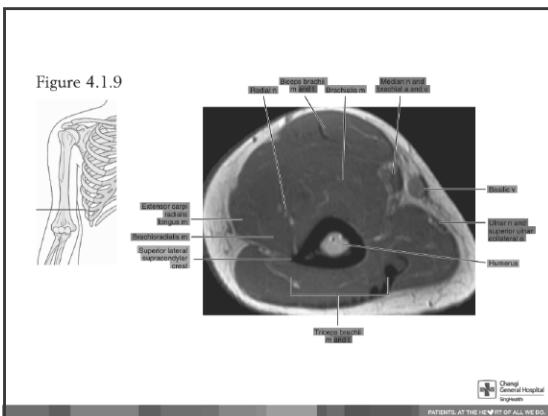


Outline for Arm and Elbow Ultrasound

- Anatomy
- Muscle localization for spasticity management
 - Biceps brachii
 - Brachialis
- Indications for elbow ultrasound
- Scan “protocol” for elbow







Triceps. Which head?

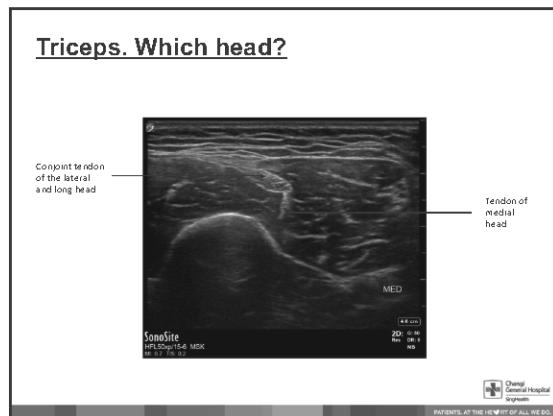
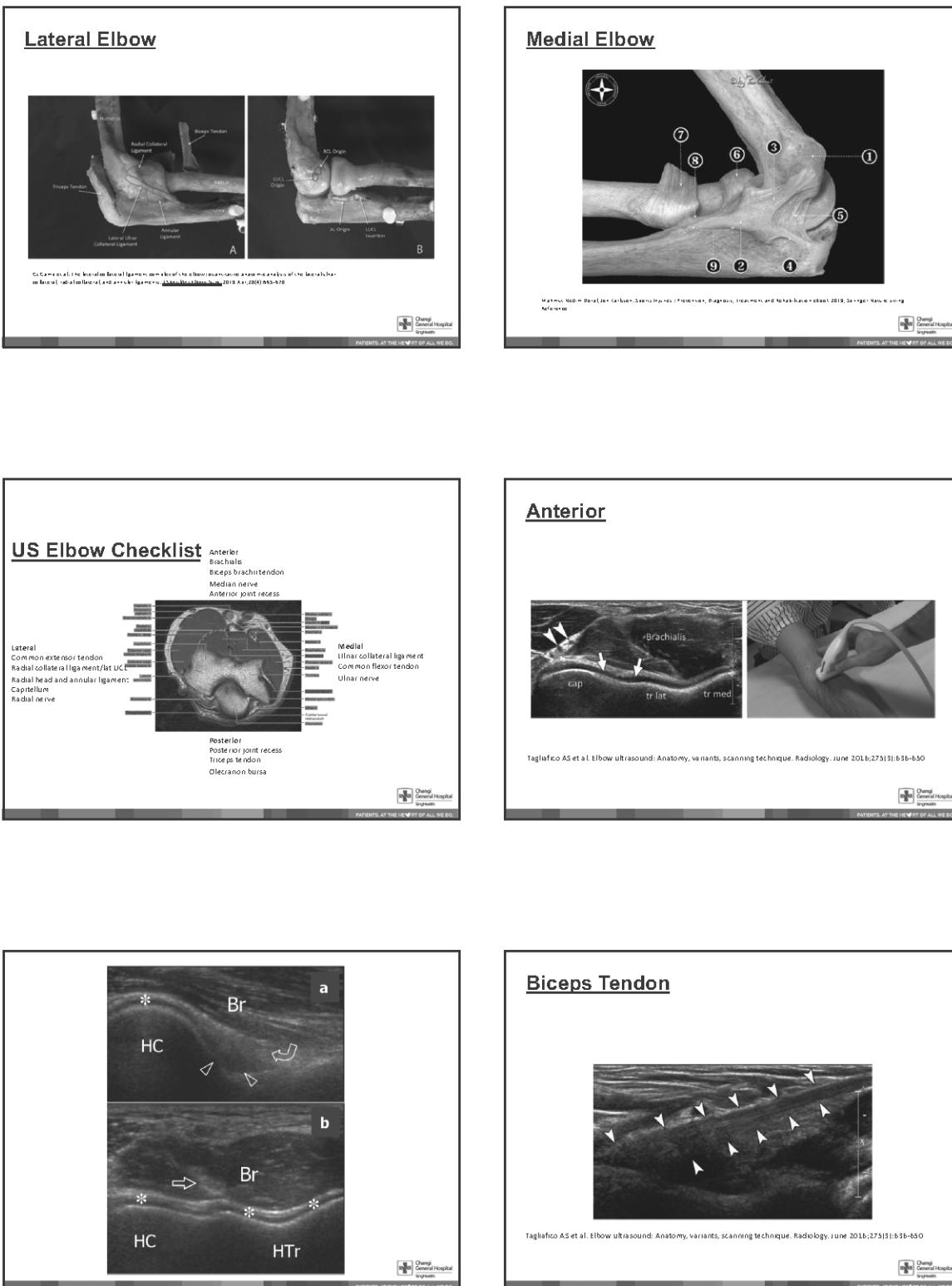
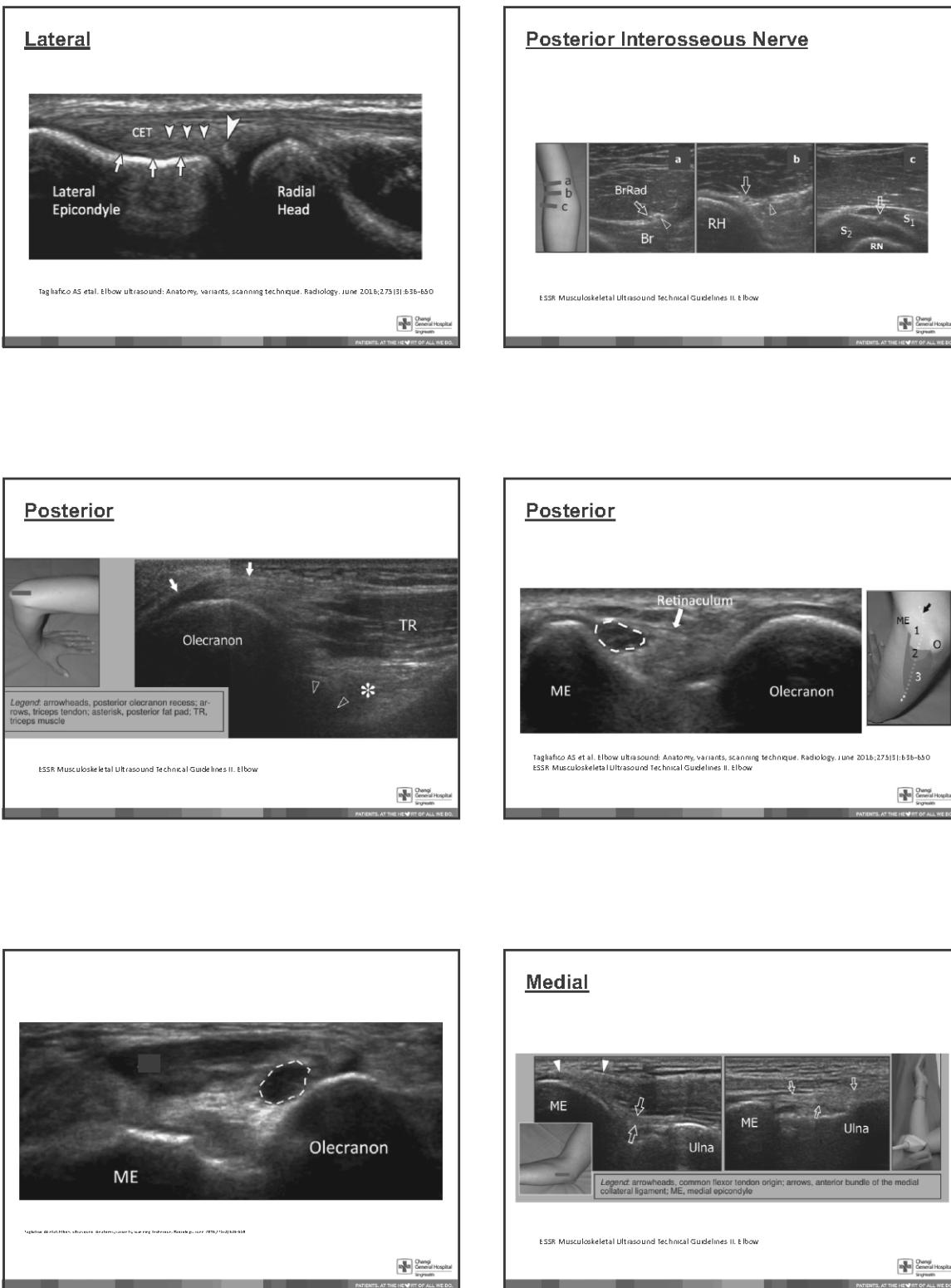


Table 2 Elbow: Detailed results for evidence levels and final consensus, a comparison between 2012 and 2017

Clinical indication	Evidence level 2012	Final consensus 2012	Evidence level 2017	Final consensus 2017
Tendons and soft tissues				
Lateral epicondyle	A	3	Unchanged	Unchanged
Lateral collateral ligament	D	0	C	2
Medial epicondyle	No	3	Unchanged	Unchanged
Medial collateral ligament	C	2	B	Unchanged
Ulnar collateral ligament	No	2	Unchanged	Unchanged
Radial collateral ligament	No	2	Unchanged	Unchanged
Syndrome	B	3	Unchanged	Unchanged
Signs of arthritiditis	B	5	Unchanged	Unchanged
Thorn lesion	C	3	Unchanged	Unchanged
Snapping elbow injury	C	3	Unchanged	Unchanged
Olecranon bursitis	D	3	Unchanged	Unchanged
Bones				
Lytic lesions	C	1	Unchanged	Unchanged
Lateral condyle fracture in children/adolescents	C	0 to 1	Unchanged	Unchanged
Radial head effusion/bursectomy	D	1	Unchanged	Unchanged
Nascent fractures	C	2	Unchanged	Unchanged
Supracondylar elbow fracture; postoperative positioning	B	0	Unchanged	Unchanged
Olecranon bursitis	No	1	Unchanged	Unchanged
Neurology				
Radial nerve compression	No	3	Unchanged	Unchanged
Median nerve compression, pronator syndrome	No	3	Unchanged	Unchanged
Ulnar nerve compression	B	3	Unchanged	Unchanged
Ulnar nerve entrapment	D	3	C	Unchanged
Ulnar nerve subluxation				
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Other approaches to study the biceps tendon



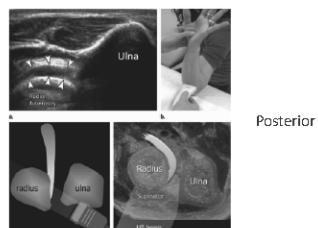
Medial

Other approaches to study the biceps tendon



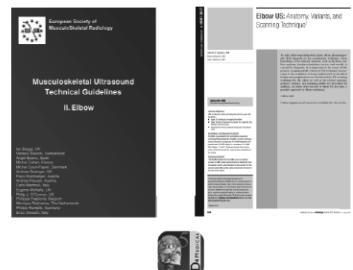
Lateral

Other approaches to study the biceps tendon



Posterior

Recommended Readings & References

**ESSENTIAL ANATOMY 5**