

# Apex Biologix Intensive Ultrasound Course

**Course fee:** \$1500

**Course Instructor:** George C. Chang Chien DO [www.GCCInstitute.org](http://www.GCCInstitute.org)

**Course limited to 3 participants per station**

<b>April 13, 2018 Friday</b>	
<b>9 am -12 pm</b>	<ul style="list-style-type: none"> <li>- MSK Ultrasound Basics</li> <li>- US Physics</li> <li>- Knobology</li> </ul>
<b>12-1pm</b>	Lunch
<b>1 - 5 pm</b>	<ul style="list-style-type: none"> <li>- Evaluation of Upper Extremity Orthopedic Conditions</li> <li>- Diagnostic MSK Ultrasound Upper Extremity</li> <li>- US-Guided Interventions for the Upper Extremity</li> <li>- Small Group Practice</li> </ul>

<b>Injections</b>	<b>Diagnostic Ultrasound</b>
Glenohumeral joint	Evaluation of rotator cuff
Acromioclavicular joint	Supraspinatus tendinopathy
Subacromial subdeltoid bursa	Infraspinatus
Supraspinatus, infraspinatus tendon fenestration	subscapularis
Suprascapular nerve block	Glenohumeral arthritis
Carpal tunnel injection	Acromioclavicular joint and ligament laxity
DeQuervain's tenosynovitis, 1 <sup>st</sup> extensor sheath injection	Tennis elbow (lateral epicondylopathy)
Carpometacarpal injection	Golfer's elbow (medial epicondylopathy)
Triceps tendon injection	Radial collateral ligament
Elbow injection	Ulnar collateral ligament
Tennis elbow (lateral epicondylopathy)	Diagnose carpal tunnel syndrome with ultrasound
Golfer's elbow (medial epicondylopathy)	Triceps tendinopathy
Radial collateral ligament fenestration	osteoarthritis
Ulnar collateral ligament fenestration	Dynamic testing
Peripheral nerve blocks	Impingement signs
<b>And more!</b>	

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