**Apex Biologix Intensive Ultrasound Course**

**Course fee:** $1500

**Course Instructor:** George C. Chang Chien DO www.GCCInstitute.org

**Course limited to 3 participants per station**

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| **April 13, 2018**  **Friday** |
| **9 am -12 pm**  |  - MSK Ultrasound Basics - US Physics - Knobology  |
|  **12-1pm** | Lunch  |
| **1 - 5 pm** |  - Evaluation of Upper Extremity Orthopedic Conditions - Diagnostic MSK Ultrasound Upper Extremity - US-Guided Interventions for the Upper Extremity - Small Group Practice |

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| **Injections** | **Diagnostic Ultrasound** |
| 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 | Acromioclaviular joint and ligament laxity |
| DeQuervain’s tenosynovitis, 1st 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 |
| **And more!** |

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