

# Ultra EMG Course Schedule 2013

Saturday February 23      **Travel Date**  
**5:00-6:00 pm**      **Early On Site Registration**

## **Sunday, February 24**      **Introduction and Fundamentals**

6:15am	Registration and Sign-In. Distribution of EMG Assessment	
7:00	Welcome and Introduction to Course and Faculty	J. Strakowski
7:10	Anatomy and Terminology	E.W. Johnson
7:35	EDX Instrumentation	E. Stålberg
8:00	Analysis of the Motor Unit Action Potential	E. Stålberg
8:45	Pathophysiology of Nerve Conduction Studies	J. Kimura
9:30	<b>BREAK</b>	
9:45	Introduction to Ultrasound	J. Strakowski
10:30	Needle Guidance and Interventional Use of Ultrasound	J. Finnoff
11:10	The Needle EMG Examination	J. Kimura
11:40	Formal Question and Answer Period	All Faculty
12:00	Surface Anatomy Exam and Answers	E.W. Johnson
12:30	Waveform Assessment	A. Clairmont
1:00	Adjourn	

**Room 2:** There are no workshops in room 2 on this date.

## **Monday, February 25**      **Fundamentals and Nerve Injury**

6:45am	Registration and Sign-In	
7:00	Panel Discussion: Challenging EDX Cases	All Faculty
7:30	Late Responses: F-waves, H-reflex, Blink Reflex	J. Kimura
8:15	Abnormal Responses after the CMAP	E. Stålberg
9:00	Neuromuscular Junction Evaluation, Single Fiber	E. Stålberg
9:45	<b>BREAK and Practice</b>	All Faculty
10:45	Prognosis and Chronology of Radiculopathy	E.W. Johnson
11:15	Acute Nerve Injury	W. Pease
11:45	Ultrasound of Focal Neuropathies	J. Strakowski
12:15	Panel Discussion: Q&A and Challenging Concepts	All Faculty
12:45	Electrodiagnosis in the Pediatric Population	A. Clairmont
1:15	Adjourn	

## Room 2: (Monday)

7:30-8:15:	Workshop: Nerve Conduction Studies for CTS	E.W. Johnson
9:15-9:45:	Workshop: Differentiating Tissue with Ultrasound and Understanding the Instrumentation	J. Finnoff
12:45-1:15:	Workshop: Ultrasound of Peripheral Nerves	J. Strakowski

## Tuesday, February 26

## Neuromuscular

6:45	Registration and sign-in	
7:00	Panel: Challenging Neuromuscular Cases	All Faculty
7:30	Botulinum Toxin for Movement Disorders	A. Clairmont
8:00	Clinical Uses of Botulinum Toxin	A. Clairmont
8:30	ALS, Post-Polio, Multi-focal Block	E. Stålberg
9:15	<b>BREAK and Practice</b>	All Faculty
10:15	Myopathies	E. Stålberg
10:45	Generalized Peripheral Neuropathies	J. Kimura
11:30	Evaluation of Weakness in the ICU	J. Strakowski
12:00	Panel: Q&A and Challenging Concepts	All Faculty
12:30	Myotonia	E.W. Johnson
1:00	Adjourn	

## Room 2: (Tuesday)

7:30-8:15:	Workshop: Advanced Nerve Conduction Studies	J. Kimura
8:30-9:15:	Workshop: Musculoskeletal Ultrasound of the Shoulder	J. Finnoff
10:15-10:45	Workshop: Musculoskeletal Ultrasound of the Elbow	J. Finnoff
11:30-12:00	Workshop: Lower Limb Nerve Conduction Studies	W. Pease

## Wednesday, February 27

## Upper Limb

6:45	Registration and sign-in	
7:00	Panel Discussion: Challenging Cases	All Faculty
7:20	Spontaneous Activity/Inching Technique (any entrapment)	J. Kimura
8:00	Cervical radiculopathy- EDX	E.W. Johnson
8:30	Brachial Plexopathy and Thoracic Outlet EDX	W. Pease
9:00	<b>BREAK Practice</b>	All Faculty
10:00	Ultrasound of the Shoulder and Elbow	J. Jacobson
10:30	Ultrasound Live Demonstration of the Shoulder and Elbow	J. Finnoff
11:00	Ultrasound of Upper Limb Nerve Entrapments (non-CTS)	J. Strakowski
11:30	Integration of EMG and Neurography	E. Stålberg
12:00	Radial Nerve Entrapments - EDX	J. Kimura
12:30	Ulnar Nerve Entrapments - EDX	W. Pease

1:00 Panel Discussion: Q&A All Faculty

### Room 2: (Wednesday)

7:30-8:15: Workshop: Ultrasound Evaluation of the Upper Limb J. Jacobson  
8:30-9:00: Workshop: Ultrasound Evaluation of the Hand and Wrist J. Finnoff  
10:00-11:00 Workshop: Single Fiber EMG E. Stålberg  
11:30-12:30 Workshop: Muscle Injection for Chemodenervation A. Clairmont

### Thursday, February 28 Carpal Tunnel Syndrome

6:45 Registration and sign-in  
7:00 Panel Discussion: Challenging Cases All Faculty  
7:30 Putting it All Together – The EDX report E. Stålberg  
8:15 Carpal Tunnel Syndrome – Anatomy and EDX E.W. Johnson  
9:00 Post-Operative CTS EDX and CTS ergonomics W. Pease  
9:30 Combined Sensory Index J. Strakowski  
9:45 **BREAK and practice – CTS techniques** All Faculty  
10:45 Ultrasound Evaluation of the Hand and Wrist J. Jacobson  
11:15 Ultrasound Evaluation of Tumors and Masses J. Jacobson  
11:35 Live Demonstration: MSK Ultrasound of Hand and Wrist J. Finnoff  
12:00 Ultrasound Evaluation of CTS Cases J. Strakowski  
12:30 Panel Discussion: Q&A. CTS Concepts All Faculty  
12:50 Medical Diagnostics in the Courtroom W. Johnston  
1:20 Adjourn

### Room 2: (Thursday)

7:30-8:15: Workshop: Ultrasound Evaluation of the Hip J. Jacobson  
8:15-9:00: Workshop: Ultrasound Evaluation of the Knee J. Finnoff  
9:00-9:30 Workshop: Muscle Selection for Chemodenervation A. Clairmont  
11:15-11:45 Workshop: Advanced NCS techniques E.W. Johnson/W. Pease

### Friday March 1 Lower Limb – Wrap Up

6:45 Registration and Sign-In  
7:00 Panel Discussion: Challenging Cases (submitted) All Faculty  
7:30 Lumbar radiculopathy E.W. Johnson  
8:00 Ultrasound of the Hip and Knee J. Jacobson  
8:30 Live Ultrasound Demonstration of the Hip and Knee J. Finnoff  
9:00 **BREAK**  
9:15 Ultrasound of the Foot and Ankle J. Jacobson  
9:45 Live Ultrasound Demonstration of the Foot and Ankle J. Finnoff

10:15	Unusual Lower Limb Neuropathies- EDX	W. Pease
10:45	Ultrasound Evaluation of Lower Limb Neuropathies	J. Strakowski
11:30	Panel Discussion: Final Questions and Clinical Pearls	All Faculty
12:00	Review of the Written Examination	E.W. Johnson
12:30	Review of the Waveform Examination	A. Clairmont
1:00	Adjourn	

**Room 2: (Friday)**

8:15-9:00:	Workshop: Nerve Conduction Studies (free for all)	W. Pease
9:30-10:00	Workshop: EDX Writing the report	E.W. Johnson

**Saturday March 2                      Travel Date**