



THE OHIO STATE UNIVERSITY
WEXNER MEDICAL CENTER

Ultra EMG Course Schedule 2017

Wednesday, May 10

12:15 pm	Registration and Sign-In.	
1:00	Welcome and Introduction to Course and Faculty	Strakowski
1:15	Physiology of Nerve Conduction Studies	Kimura
2:00	Analysis of the Motor Unit Action Potential	Stålberg
3:00	BREAK - Exhibitor Time	
3:15	Introduction to Musculoskeletal and Neuromuscular Ultrasound	Strakowski
3:45	Ultrasound for Use with Chemodenervation	Alter
4:15	Q&A	All Faculty
4:30	EMG Waveform Assessment	Clairmont
5:30	Adjourn	

Room 2

1:15-2:00	Workshop: Needle Guidance with Ultrasound for Chemodenervation	Alter
2:00-3:00	Workshop: Intro to Ultrasound: Instrumentation	Walker
3:15-4:15	Workshop: Common Nerve conduction techniques	Pease

Thursday, May 11

7:30am	Continental Breakfast and Sign-In	
8:00	Announcements	Strakowski
8:10	EDX Instrumentation: The Importance of Differential Amplification	Dumitru
9:10	Evaluation of Motor Unit Recruitment	Dumitru
9:30	Break	
9:45	EDX of Neuropathy in Diabetes Mellitus, Other Diseases Mononeuritis Multiplex and Toxic Neuropathy	Kimura
10:30	Q&A	All Faculty
10:45	Practice (NCS, Ultrasound, EMG, Injections)	All Faculty
12:00 pm	LUNCH - Provided	

1:00	EDX in Demyelinating Peripheral Neuropathies	Stålberg
1:45	Ultrasound Evaluation of Generalized Neuropathies	Walker
2:30	Break	
2:45	Ultrasound Evaluation of Focal Neuropathies	Strakowski
3:30	EDX of Carpal Tunnel Syndrome and Martin-Gruber Anastomosis	Dumitru
4:30	Challenging Cases Combining EDX and Ultrasound with Q&A	All Faculty
5:00	Adjourn	

Room 2

8:15-9:30	Workshop: Fundamentals of Spasticity and Chemo-Denervation	Clairmont
9:45-10:30	Workshop: Fundamentals of Neuromuscular Ultrasound	Walker
1:00-1:45	Workshop: US Guided Chemodenervation Head & Neck	Alter
1:45-2:30	Workshop: Needle Electromyography	Stålberg
2:45-3:30	Workshop: Less Common Nerve Conduction Studies	Pease
3:30-4:30	Workshop: Challenging Chemodenervation Cases	Clairmont

Friday, May 12

7:30am	Continental Breakfast and Sign-In	
8:00	Announcements	Strakowski
8:10	Live Demonstration Peripheral Nerve Ultrasound	Strakowski
8:45	Waveform Generation and Identification	Dumitru
9:30	Break	
9:45	Electrodiagnostic Evaluation of Lower Limb Entrapment Neuropathies	Kimura
10:30	EDX of Lumbosacral Radiculopathy and Plexopathy	Pease
11:00	Practice (NCS, Ultrasound, EMG, Injections)	All Faculty
12:00 pm	Break for Lunch	
1:00	Challenging Cases Combining EDX and US with Q&A	All Faculty
1:30	EDX of Myopathies	Stålberg
2:15	Break	
2:30	Ultrasound Evaluation of Muscle and Myopathies	Walker
3:15	Ultrasound of the Hip	Jacobson
3:45	Ultrasound of the Knee	Jacobson
4:15	Practice (NCS, Ultrasound, EMG, Injections)	All Faculty
5:15	Adjourn	

Room 2

8:45-9:30	Workshop: Ultrasound Guidance for Chemo-denervation Upper Limb	Alter
9:45-10:30	Workshop: Ultrasound of the Shoulder	Jacobson
10:30-11:00	Workshop: Ultrasound of Muscle for Neuro-Muscular Disorders	Walker
1:30-2:15	Workshop: Muscle Selection in Chemodenervation	Clairmont
2:30-3:15	Workshop: New Concepts in EDX Waveforms	Stålberg
3:45-4:15	Workshop: Advanced Nerve Conduction Studies	Dumitru

Saturday, May 13

7:30 am	Continental Breakfast and Sign-In	
7:50	Announcements	Strakowski
8:00	Myotonia and Myotonic Dystrophy	Kimura
8:30	Understanding Single Fiber EMG, Neuromuscular Junction Evaluation	Stålberg
9:45	Break	
10:45	Advances and Further Applications in Neuromuscular Ultrasound	Walker
11:00	Review of Written Examination	Pease
12:00 pm	Break for Lunch	
1:00	Ultrasound of the Foot and Ankle	Jacobson
1:30	Ultrasound Guided Peripheral Nerve Hydrodissections	Strakowski
2:00	Ultrasound Evaluation of Masses	Jacobson
2:30	Break	
2:45	EDX and Ultrasound for Carpal Tunnel Syndrome	Strakowski
3:30	Challenging Cases with EDX and Ultrasound with Q&A	All Faculty
4:00	Practice (NCS, Ultrasound, EMG, Injections)	All Faculty
5:15	Final Q&A	
5:30	Adjourn	

Room 2

8:15-9:15	Workshop: Ultrasound Free for All	Walker
9:15-10:00	Workshop: Ultrasound of the Elbow, Hand and Wrist	Jacobson
10:15-11:00	Workshop: Jitter Analysis (with a Concentric Electrode)	Stålberg
1:15-2:30	Workshop: Ultrasound for Chemodenervation Lower Limb	Alter