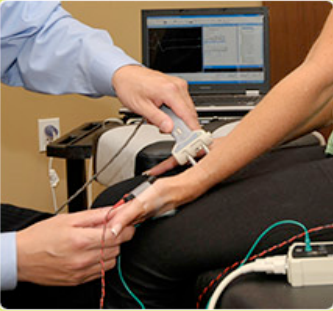


150-Hr. Electrodiagnostic Program

A **Nerve Conduction Velocity (NCV)** test, also called a nerve conduction study (NCS), measures how quickly electrical impulses move along a nerve. It is often done at the same time as an electromyogram, in order to exclude or detect muscle disorders. This test is used to diagnose nerve damage or dysfunction and confirm a particular diagnosis. It can usually differentiate injury to the nerve fiber (axon) from injury to the myelin sheath surrounding the nerve, which is useful in diagnostic and therapeutic strategies.



Motor NCS are performed by electrical stimulation of a peripheral nerve and recording from a muscle supplied by this nerve. The time it takes for the electrical impulse to travel from the stimulation to the recording site is measured. By stimulating in two or more different locations along the same nerve, the nerve conduction velocity across different segments can be determined. **Sensory NCS** are performed by electrical stimulation of a

peripheral nerve and recording from a purely-sensory portion of the nerve, such as on a finger.



An **Electromyogram (EMG)** is a test that measures the electrical activity of a muscle. It detects any signs of blocking or slowing down of responses to nerve stimulation. The test provides information about the muscle itself and shows how well it receives stimulation from the nerve. An EMG is

often used to evaluate unexplained muscle weakness, twitching or paralysis, and to find the causes of numbness, tingling and pain. EMG testing can differentiate between true weakness and reduced use because of pain or lack of motivation. It can also determine whether a muscle disorder begins in the muscle itself or is caused by a nerve disorder.

Course Description

- The Course offers a model to allow appropriate patient evaluation techniques followed by Electrophysiological (EMG and NCV) practice techniques that enable efficient and effective practice patterns.
- Significant time is spent on learning nerve conduction (motor, sensory and late responses) techniques on most peripheral nerves in both the upper and lower extremity as well as the facial nerves.
- Needle EMG studies are practiced on all major muscles in both the upper and lower extremities as well as the paraspinal musculatures.
- Laboratory practice is an important aspect of this course and half of the course time is devoted to guide laboratory studies.

Applications for credit hours has been implemented in selected provinces, but it remains the learner's responsibility to contact their credentialing boards from which they seek continuing education credits for purpose of ensuring the said board approval of the seminar, program, and lecture presentation. Neither speakers, nor NUHS endorse the products mentioned or displayed at this program.

Instructors

George Petryk, DC, DACNB, FACFN, FABES

Dr. Petryk is a graduate of the Brooke Army Medical Science and Research Institute and Excelsior College. He earned his Doctor of Chiropractic from Life University in 1997. He graduated from the Carrick Institute and earned

his Board Certification in Chiropractic Neurology (DACNB). He continued his neurology training and earned Fellowships from the American College of Functional Neurology (FACFN) and Electrodiagnostics (FABES). Dr. Petryk was also adjunct professor at the American Academy of Manual and Physical Medicine and taught courses in Manipulation Under Anesthesia (MUA) and Pain Management. Dr. Petryk has served 35 years in various fields of medical and chiropractic healthcare and is currently the founder and managing member of NeuroDx Associates, LLC, a specialized practice offering on-site electrodiagnostic physiological testing as well as neurophysiological intraoperative monitoring.

C. Robert Humphreys, MS, DC, DACNB

Dr. Humphreys is a professor in clinical sciences at the National University of Health Sciences in Lombard, Illinois and practices clinical neurology at the National University of Health Sciences clinic in Lombard, Illinois. Dr. Humphreys is a cum laude graduate of the National College of Chiropractic with a Doctor of Chiropractic. He received a Masters of Science in the Biological Sciences from Kent State University, and a Bachelors Degree in Liberal Arts-Biology from Nason College in Springville, Maine. He earned his Board Certification in Chiropractic Neurology (DACNB) in 1995 and later earned his Certification in Electrodiagnostics. Dr. Humphreys is a member of the Post-Graduate Faculty of the Lincoln College of Post-Professional Graduate and Continuing Education Departments of National University of Health Sciences.

For Registration Call: 239-482-0300
Online Registration: www.learnedx.com

This 150-hour post-graduate board certification program consists of 10 weekend modules with each module comprised of 15 hours of lecture and laboratory hands-on. Upon successful completion of all 10 modules and the final examination, a certificate of course completion will be issued by NeuroDx Associates, LLC. and National University of Health Sciences. Enrollment is offered to any licensed health care practitioner in good standing who is interested and/or permitted by their respective state practice act to perform nerve conduction and needle electromyography studies.

Course Times

Saturday 8:00 am – 6:00 pm

Sunday 8:00 am – 2:00 pm

2016 - 2017 Electrodiagnostic Program – Chicago, IL

Module 1: Feb 17-18, 2018

Module 6: July 21-22, 2018

Module 2: Mar 17-18, 2018

Module 7: Aug 11-12, 2018

Module 3: Apr 14-15, 2018

Module 8: Sept 15-16, 2018

Module 4: May 19-20, 2018

Module 9: Oct 20-21, 2018

Module 5: June 9-10, 2018

Module 10: Nov 17-18, 2018

Module 11: Exams Dec 8-9, 2018

Topics Covered

Module 1:	Introduction, Patient Exam, Brachial Plexus Anatomy
Module 2:	Lumbosacral Plexus
Module 3:	Cranial Nerves, Facial and Upper Extremity EMGs
Module 4:	Lower Extremities and Paraspinal EMGs
Module 5:	Components of NCV
Module 6:	Anatomy of a Nerve, Wave Form Interpretation
Module 7:	Intraoperative Monitoring, SSEP and BAER Studies
Module 8:	Pathologies
Module 9:	Pathologies
Module 10:	Practice and Review
Module 11:	Final Exam



**150 Hours of Continuing Education Provided by
National University of Health Sciences**

The main purpose of this program is to provide physicians with sufficient skills and knowledge to perform NCV/EMG testing when disease and/or damage to the peripheral nervous system are suspected.

NCV/EMG provides information about the function of the peripheral nervous system above and beyond what can be gathered from physical examination. The procedure is within the scope of practice of Doctors and reimbursable by most insurance companies.

Disorders that can be diagnosed by NCV/EMG include: peripheral neuropathy, carpal tunnel syndrome, ulnar neuropathy, tarsal tunnel syndrome, radiculopathies, plexopathies, brachial neuritis, diabetic neuropathy, paresthesia, spinal canal disorders, etc.

Successful completion of all end of module quizzes as well as the final hands on clinical module that is the performance examination provides eligibility to sit the written clinical competency examination for Board Certification by the International Board of Functional Neurology. The purpose of certification is the protection of the public. The successful completion of the final module and the IBFN written examination will provide the public with the knowledge that the Fellow in EDX has the knowledge, skills and abilities to practice safely.

NeuroDx Associates, LLC
5485 Bethelview Road
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Cumming, GA 30040
Phone: 239-482-0300
Fax: 877-711-7411

Limited Enrollment

www.learnedx.com

NeuroDx Associates, LLC reserves the right to alter the course material(s), presentation(s), instructor(s) sponsor(s), content(s), time(s), and date(s). In such an event, the registrants will be informed in advance. Participants are responsible for their own travel, lodging, meals, and other related expenses.

2018 Electrodiagnostic Program Registration Form

Location: National University of Health Sciences , Lombard, IL

Name _____

Address _____

City _____ State _____ Zip _____

Phone # _____ Fax # _____

Email: _____

State and License No: _____ Specialty _____

Payment Send check payable to **NeuroDx Associates, LLC** or log onto: www.learnedx.com and click on "Registration and Payment"

\$595 - per module. Please indicate the specific module _____

\$6545 – entire program

\$5950 – pre-paid discount for entire program prior to Jan. 15, 2018

Participants are prohibited from audio/video recording or photographing any aspect of the course

Refund Policy – Tuition refund, less a \$100 administrative fee will be issued for all cancellations. Refunds cannot be given for “no shows” or cancellations received once the module has started. Alternatively, registrants may choose to transfer to another module with no penalty. In the event that our organization feels the necessity to cancel a module; the registrants will receive a full refund or credit toward another program. NeuroDx Associates, LLC and NUHS are not responsible for expenses and/or consequential damages suffered by registrants of altered program.

Signature _____ Date _____

Mail to: **NeuroDx Associates, LLC 5485 Bethelview Rd. Suite 360-333 Cumming, GA 30040 Phone: 239-482-0300 Fax: 877-711-7411**