

PERIPHERAL NERVE TESTING AND WHAT YOU NEED TO KNOW IN PRACTICE

A two day comprehensive hands-on seminar for therapists, physicians,
and others interested in early detection and disability prevention.

Judith Bell Krotoski, MA, LOTR, CHT, FAOTA

ADULT LEARNING SEMINAR

WORKSHOP LOCATION:

Saturday, November 5th

8:00 am - 5:00 pm

Sunday, November 6th, 2011

8:00 am - 4:00 pm

(registration opens at 7:30 a.m. each day)

13.5 contact hours, 1.35 CEU's

Embassy Suites - Baton Rouge

4914 Constitution Avenue

Baton Rouge, LA 70808

(225) 924-6566

Who Should Attend

- Hand Therapists
- Physicians
- Occupational Therapists
- Physical Therapists
- Nurses

Group Discount Available!!!

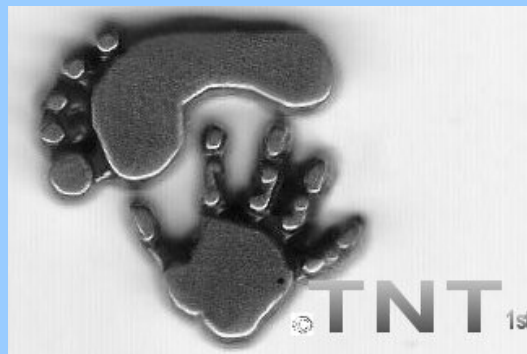




Spend two days with an expert dedicated to early intervention in developing peripheral nerve problems at a point before loss is irreversible. This seminar is dedicated to improving the ability of clinicians to detect and interrupt peripheral nerve change in clients BEFORE loss is permanent.

“Nothing can be better than preventing the injury from occurring in the first place.” Paul W Brand, FRCS

Judith Bell Krotoski, MA, LOTR, CHT, FAOTA, is a hand therapist with broad experience in peripheral nerve clinical testing and treatment in hands and upper extremities, feet, and other body areas. She worked with Dr. Paul W. Brand, FRCS (Paul W. Brand Research Lab, Carville, LA) and James Hunter M.D. (Hand Rehabilitation Center, Ltd. In Philadelphia) in the treatment of patients with mild and extensive peripheral nerve lacerations and disorders including carpal tunnel, diabetes, and leprosy. She has written chapters on sensibility and peripheral nerve testing in Rehabilitation of The Hand, and Management of Peripheral Nerve Problems among others, as well as many research publications. Having known and collaborated in writing with the late Sidney Weinstein, Ph.D., inventor of the Semmes-Weinstein Monofilament instrument, she has made improvements in this instrument and in others to make them more reliable, accurate, and valid in clinical testing. She is one of the six who established the American Society of Hand Therapists, a group of occupational and physical therapists with advanced therapy specialty. Judith (Judy), is an international speaker on peripheral nerve testing, and is recognized by her peers as a researcher, clinician, and educator. She is a co-owner and the Research and Development Director of Timely Neuropathy Testing, an online company based in Louisiana, created to assure availability of Semmes-Weinstein style monofilaments made to original and normative testing specifications (www.timelyneuropathytesting.com).



Course Hours: Registration begins at 7:30 am and workshop starts at 8:00. Please be on time - we are required to give amended certificates for late arrivers.

OT's: Each workshop has been approved for AOTA CEU's. *The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA.*" AOTA Education Level: Intermediate to Advanced). Category 1: Domain of OT 2: OT Process ***Sign-in/sign out procedures will be adhered to. Certificate will reflect actual hours attended in the workshop.**

Please bring a sweater or a jacket. We often cannot control the temperature in the room.

Confirmation of Workshop/Cancellation Policy: Confirmations of registration are sent via fax or email. If a faxed or email confirmation cannot be sent, a post card is mailed. For inquiries regarding confirmation or cancellations, please email our workshop coordinator at Tammy@FirstStrokesHandwriting.com or call 972 814-1296. Cancellations made at least 7 days before workshop starts are refundable less a \$20 administrative charge per registrant. For cancellations made after materials are packaged and or shipped /catering is confirmed, (less than 7 days prior to workshop), a \$30 administrative charge per registrant will be made, but all other workshop fees are fully refundable. If a registrant cannot attend, another person may attend in the registrant's place, and continuing education credit will be awarded to the new registrant.

ADA Accommodations: Please call at least 2 weeks prior to workshop if you require ADA accommodations so that we can make arrangements.

Directions/Maps - available at www.TheHandwritingClinic.com - or type in address to Yahoo Maps. We cannot guarantee accuracy of maps - please allow extra time for traffic, weather conditions, etc.



MULTI-SENSORY, CREATIVE, EDUCATIONAL

Program:

This workshop includes and recommends a reliable and valid test that allows the patient, examiner, spouse, caregiver, judge, insurance provider, or lawyer to visualize and quantify the amount and degree of change (improvement, status quo, or worsening) in order to visualize what cannot otherwise be seen and measured. The hidden danger/an elusive target: Sensory change often precedes motor (muscle) change in peripheral nerve injury, thus sensory status in itself provides insight into peripheral nerve status. But gradual change is something the patient or clinician does not see, and often progresses slowly where a subject may not recognize a difference. Today we have a sensitive, reliable, and repeatable way to visualize and accurately quantify abnormality versus normally occurring variations in what most understand as touch.

The majority of peripheral nerve testing is done at a point that is already too late for early intervention to slow or reverse changes. Tests used in general are not sensitive enough to consistently measure early changes; they only detect late changes after significant damage has occurred. Who knows what can be done in early stages of change in diabetic and other patients? Sensitive testing using relatively inexpensive objective instruments can change the outcome of treatment, and holds a great potential to improve the amount and quality of residual peripheral nerve function after common peripheral nerve disease and injury. Diabetes, carpal tunnel and other peripheral neuropathies not only limit individuals in their jobs, but cost large amounts of health care dollars in lost wages and possible risk of amputations in later stages. Our peripheral nerves and the sensory, motor, and pseudomotor functions they supply in the upper and lower extremities are responsible for providing protective touch feedback, healthy skin, and the orchestration of the simple and complex every day activities we must do in life, like handwriting. Loss in nerve function can sometime be compensated in other ways, and such knowledge is also important (included in the workshop), but the earlier the intervention the better the chance for interruption of developing problems, allowing effective treatment, rather than patchwork for loss.

Subjects to be covered:

- Many peripheral nerve involvements are transient and short lived in nature; recognizing those that are not is the target for health care examiners.
- Even a slight change from "normal" for a peripheral nerve has been found to be a red flag, and deserves watching, as peripheral nerves in a normal state do not have sensory and motor diminution in function.
- Research into more effective treatment has actually been limited by tests used (the lack of a sensitive test being used for early detection).
- Due to the lack in required sensitivity of most accepted tests, conventional treatment focuses on late stage intervention – after the horses have already left the gate.
- In conventional diabetes treatment facilities, most health care personnel measuring sensory function are focused on preventing ulcers and patients having amputations.
- Accurate tests take less time at relatively little cost compared with the multitude of less accurate tests that may even be misleading regarding treatment needs and the results of effective or ineffective treatment.
- If paired with clinical treatment such as control of insulin level in diabetes, sensitive peripheral nerve monitoring may be able to help prevent progression in signs of nerve damage.
- Every diabetic should be tested at least for loss of protective sensation, yet deserves more sensitive testing for earlier intervention.
- If the patient was your mother, what would you want to be done for her first? To have reversal of symptoms, or instructions in disability minimalization techniques?
- What do treatment clinics do now when peripheral nerve abnormality is suspected? Can a strong argument be made that an approach other than a cost-effective, sensitive, and objective test is better?

Core Objectives:

- Improved knowledge and confidence in sensibility and peripheral nerve testing.
- Understanding what is involved in a hand or foot screen, and peripheral nerve monitoring
- Knowledge of strengths and weaknesses of various forms of sensory test instruments and test protocols.
- Understanding the difference between testing for early detection versus testing for protective sensation.
- Awareness of the importance of protective sensation in prevention of ulcers and injury.
- Understanding of the difference between neural tissue status for functional performance, *versus* functional adaptation and coping.
- Appreciation of the physical and psychological aspects of loss in touch or pain.
- Awareness of the latest advances in sensory reeducation.

Professional outcomes: Participants learn how to...

- ...interrupt sensory and motor changes from peripheral nerve injury at a point before the changes result in a loss of protective sensation.
- ...recognize when a longer standing nerve change is still acute and potentially responsive to a treatment that can restore, stabilize, or prevent worsening of sensory and motor function.
- ... identify what is required for an objective test of peripheral nerve status, including strengths and limits of most commonly used tests.
- ...practice the correct way to perform sensory testing, and have confidence in results and reporting.
- ...review and practice assessment techniques to assess sensibility and peripheral nerve function, in hands and feet, and all over the body.
- ...discuss how to efficiently monitor and record results of sensory and motor testing of peripheral nerves critical to use of hands and feet.
- ...understand that if a clinician only looks for loss, he/she only sees loss, and a limit to gross detection level in the test used can result in an unintended limit of more effective treatment.
- ...identify techniques to optimize recovery of a lacerated peripheral nerve.
- ...recognize how to optimize use of residual peripheral nerve function when a peripheral nerve injury is not reversible.
- ...consider newer research in brain reorganization after injury, and reeducation that can optimize remaining peripheral nerve tissue physical function, aiding in potential recovery of nerve function.
- ...learn how to consistently record and computerize sensory and motor tests in order to compare within and across clients, and across patient populations.

Please remember to bring:

Any sensory testing instruments you often use for testing

A sweater or a jacket. Dress is casual.



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For more information on monofilament testing kits, visit:

www.TimelyNeuropathyTesting.com

The Handwriting Clinic™ Workshops

In order to get enhanced CEU's and to allow for ease of registration, this workshop is being sponsored by **The Handwriting Clinic™ Workshops**. The Handwriting Clinic is a private clinic for fine motor and handwriting intervention and is based in Plano, Texas. The Handwriting Clinic sponsors over 30 workshops annually, including the First Strokes Workshops. The Handwriting Clinic™ Workshops, is an AOTA Approved Provider of Inservices, and allows qualified participants to obtain CEU's for attending workshops. All workshops sponsored by The Handwriting Clinic are promoted to be fun, educational, and multi-sensory, allowing the participant hands-on practice and learning through a variety of media and activities.

Registration is available at:

www.TheHandwritingClinic.com

(go to workshops - Peripheral Nerve Testing Workshop)

972 814-1296

REGISTRATION FORM: (Use dark ink if faxing. Keep copy of this form for info.)

Name: Last, First, (include title - ex. OT, OTR, DPT, MD, COTA, LPTA)

Work Phone

Cell Phone

Home Phone

Work Address

Home Address

Email address

Fax Number

Hospital/Clinic/Facility Name

Please attach a registration slip for each attendee. More brochure forms available online at www.TheHandwritingClinic.com or www.TimelyNeuropathyTesting.com. Materials for each workshop will be shipped to workshop site.

COST:

Group
discount
available

Early registration: \$350, registration after October 26, **\$375** . All participants will receive a monofilament sensory testing kit. Early registrants will receive an additional item! (Participants are encouraged to bring with them instruments they use for sensory testing.) Group discount: if 3 or more attend in a group, \$25 off per participant. If 5 or more attend as a group, \$50 off per participant. If registering as a group, participants need to either register at one time online, or call Tammy at 972 814 1296 to register.

METHOD OF PAYMENT:

Personal check No. _____ Facility check no: _____

Purchase order No. _____ Credit card (Visa/Mastercard only)

(Credit card number: _____)

Exp. Date _____)

TOTAL PAYMENT DUE: _____

LATE REGISTRATION OFTEN AVAILABLE. Call or reg. online.



Registration by mail: Send to: **Workshop Coordinator, The Handwriting Clinic Workshops 1506 Capital Ave, Ste. 150 Plano, Texas 75074**



Registration by phone : Call 972 814-1296 M,T,W, or Th (Ask for Tammy)
credit card only



Registration by fax: (purchase order/credit cards only)
send to: 214 291 - 5435



Registration online: (credit card only) www.TheHandwritingClinic.com
(go to workshops - **Peripheral Nerve Testing Workshop**)

For registration
help, please call:

972 814-1296