



Tulane University and Noraxon USA presents:

***Surface EMG Introduction
&
Clinical Applications***

January 28-29, 2012

Time: 9 AM – 5 PM, 9AM-1PM

Location: Tulane University

***Tulane Institute of Sports Medicine Human Performance Lab
202 McAlister Ext New Orleans, LA 70118***

Course Objectives:

- Demonstrate understanding of the physiologic basis of SEMG.
- Demonstrate understanding of the limitations of SEMG recording techniques.
- Learn and demonstrate basic SEMG recording and feedback techniques.
- Learn and demonstrate basic SEMG feedback techniques applied to therapeutic exercise.

The speaker:

Todd Shewman is the Research Director of Noraxon U.S.A. Inc. As a therapist – has comprehensive experience in the clinical use of Surface Electromyography in Canada and the USA. Mr. Shewman is perhaps best known for his publication „Surface Electromyography in Temporomandibular Dysfunction“. Some recent publication related to Surface EMG includes a study module for the APTA’s Section on Women’s Health to give practicing physical therapists a working knowledge of surface electromyography (SEMG) instrumentation. He has extensive experience speaking to clinicians and researchers both nationally and internationally on topics incorporating various measurement technologies in dental, orthopedic, neurological, pain management, sports medicine, and work injury settings.



**SEMG Sequence Assessments and SEMG Feedback
A Practical Approach to Clinical Kinesiologic SEMG**

Tentative Schedule

Friday January 27, 2011

8:00 – 8:45 a.m.	Introduction to SEMG and Clinical relevance
8:45 – 10:30 a.m.	Cervical and Shoulder regional Applications; (Lecture/Lab Hands-On)
10:30 – 10:45 a.m.	Coffee break
10:45 – 12:00 a.m.	Low Back/Hip/Knee regional applications; (Lecture)
12:00 p.m. – 12:30 p.m.	Lunch
12:30 p.m. – 2:30 p.m.	Low Back/Hip/Knee regional applications; (Lab)
2:30 – 3:30 p.m.	Dosage and position Considerations; (Lecture/Lab)
3:30 - 4:00 p.m.	Wrap Up

Saturday January 28, 2011

9:00 a.m. – 10:00 noon.	Review of Assessment and Feedback techniques
10:00am – 12:30 p.m.	SEMG Feedback and Therapeutic Exercise; (Lab)
12:30 - 1:00 p.m.	Wrap Up

Registration Fee - \$250 (\$200 until December 1st, 2011)

Name/Facility: _____

Address: _____

City/State/Zip : _____

E-Mail: _____

Tel: _____ Fax: _____

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Signature: _____ Date: _____

***Refund Policy:** There are no refunds after January 15th, 2012