



For More Information:

Phone: 1-800-210-5856

E-mail: info@glseminars.com

Payment in full is due with registration and there is a non-refundable cancellation fee of \$50. There will be no refunds given within two weeks (14 calendar days) of the seminar. Great Lakes Seminars reserves the right to cancel the course due to unforeseen/unavoidable circumstances. In the event of a cancellation Great Lakes Seminars will not be responsible for any charges incurred by the registrant other than the course cost.

This course is also available as a private course for your staff. Please call 800-210-5856 or visit us on the web at www.glseminars.com for more details.

2022 Course Schedule

- April 23-24, 2022 - Reno, NV
- September 24-25, 2022 - Virginia Beach, VA
- December 3-4, 2022 - Lancaster, PA

Please check our website for the most updated schedule: www.glseminars.com



**Advanced Spinal
Mobilization &
Manipulation
2022**



We Don't Just Teach. We Inspire.

75% Hands-On Training
Practice new techniques
with confidence

Passionate Instructors
Learn from specialized
instructors who truly care

The GLS Experience
Be part of a fun weekend
that will fly by

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Advanced Spinal Mobilization and Manipulation

Course Objectives

At the completion of the seminar, the participant will be able to:

- Correctly and independently state the anatomy and physiology behind a joint cavitation.
- Correctly and independently identify and palpate three specific levels of the cervical spine.
- Correctly and independently identify and palpate three specific levels of the thoracic spine.
- Correctly and independently identify and palpate three specific levels of the lumbar spine.
- Correctly and independently perform 3 cervical mobilization/ manipulation techniques.
- Correctly and independently perform 3 thoracic mobilization/ manipulation techniques.
- Correctly and independently perform 3 lumbar mobilization/ manipulation techniques.
- Correctly and independently perform 3 sacral/ pelvic mobilization/ manipulation techniques.

John Duncombe,

PT, DPT, MSPT, OCS, CIMT, CSCS, GCS

John received his Master's of Physical Therapy degree from the University of Wisconsin - Madison in 2001. He obtained his Doctorate in Physical Therapy through the Evidence in Motion Institute of Health Professions (EIM) while simultaneously finishing a 2 year Orthopedic Residency program with EIM. He

is board certified as an Orthopedic Clinical Specialist from the American Physical Therapy Association. While at the University of Wisconsin he became a Certified Strength and Conditioning Specialist with the National Strength and Conditioning Association as well as a Golf Conditioning Specialist. John treats a vast array of outpatient orthopedic dysfunctions, looking at a wide variety of structures, tissues, and systems that may be contributing to the source of symptoms. His special interests are in post-surgical shoulder and knee patients, cervical-thoracic injuries, and runners with varying types of lower extremity dysfunctions. John currently works for Team Rehabilitation Physical Therapy and is the clinic director and owner of an outpatient orthopedic clinic in the northern suburbs of Chicago.

About the Course

Clinicians will develop an understanding of when to choose a spinal mobilization vs a manipulation, and proficiency in advanced spinal techniques

Course Outline

Saturday

- 7:30am Continental Breakfast
8:00am Lecture: Introduction, Overview Mobilizations vs Manipulations
8:30am Lecture: Key Concepts - Cervical Spine
9:45am Lecture: Key Concepts - Thoracic Spine
11:00am Lecture: Key Concepts - Lumbar/ Sacral Spine
12:00pm Lunch (on your own)
1:00pm Lab: Cervical Spine Mobilizations & Manipulations
4:00pm Case Study - Cervical Spine
4:45pm Review of Evidence-Based Literature
5:30pm Adjourn

Sunday

- 7:30am Continental Breakfast
8:00am Lab: Review of Cervical Mobilizations and Manipulations
8:30am Lab: Thoracic Spine Mobilizations and Manipulations
10:30am Lab: Lumbar Spine Mobilizations and Manipulations
12:00pm Lunch (on your own)
1:00pm Lab: Sacral/ Pelvic Mobilizations and Manipulations
3:15pm Case Study - Lumbar
3:45pm Review of Evidence-Based Literature for today's topics
4:15pm Review/ Critique of Skill in Manipulation in each area covered
5:00pm Adjourn

Continuing Education

This course has been submitted for 16 continuing education hours. Approval amounts may vary per state. Certificates of attendance with the number of course hours will be given to each participant at the completion of the course.

REGISTER TODAY!

Register online at www.glseminars.com or fill out this form and fax to (800) 889-0358 or mail with payment to: 2768 Centennial Road, Toledo, OH 43617.

Name _____

Address _____

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E-mail _____

Discipline _____ Fax _____

Course Location: _____

Course Fee: \$650

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Expiration Date (Month/ Year)

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Security Code

Billing Street Address _____

Billing Zip Code _____

“ The instructors are superb and obviously love what they do. Because of your courses, I have taken my clinical skills to a whole new level. ”

- Virginia Beach Registrant