

Fundamental Techniques of  
Evaluation and Manual Therapy  
for the Spine

MICHIGAN STATE UNIVERSITY  
ATHLETIC TRAINING  
&  
SPORTS MEDICINE



**ATHLETIC TRAINING**

**July 23 2003 – July 25, 2003**

**Duffy Daugherty Football Complex**

**Michigan State University**

## PROGRAM DESCRIPTION

The workshop is designed to provide fundamental knowledge of manual therapy used in the identification and management of structural pathologies of the thoracic spine, lumbar spine and the pelvic girdle. The program includes didactic classroom work that is integrated with the “hands-on” experiences. The focus of the educational sessions is on the application of clinical techniques in the identification and management of structural pathology of the spine. The objectives of the course are:

1. To describe the principles and techniques for the structural evaluation of the spine for practicing athletic trainers.
2. To learn and practice the principles and techniques of layer palpation, segmental vertebral motion and vertebral dysfunction.
3. To learn and practice the principles of musculoskeletal screening for structural pathologies in the thoracic spine, lumbar spine and pelvic girdle.
4. To learn and practice muscle energy techniques to correct structural dysfunctions of the thoracic spine, lumbar spine and pelvic girdle.

### Text Books:

Greenman PE. *Principles of Manual Medicine*. 2nd Edition. Baltimore, MD: Williams & Wilkins; 1996.  
or  
Isaacs ER, Bookhout MR. *Bourdillon's Spinal Manipulation*. 6th Ed. Butterworth & Heineman. 2002.

## FACULTY

Dave Carrier, MS, ATC – Adjunct Faculty, Dept of Kinesiology. Athletic Trainer Spartan Ice Hockey.

Jennifer Gilmore DO – Assistant Faculty in the Department of Osteopathic Manipulative Medicine, Michigan State University College of Osteopathic Medicine and MSU Ice Hockey Team Physician.

Jeffrey Kovan, DO - Assistant Professor in the Department of Physical Medicine and Rehabilitation in the Michigan State University College of Osteopathic Medicine and Director of Sports Medicine.

Lawrence Nassar, DO, ATC – Assistant Professor in the Department of Osteopathic Manipulative Medicine in the Michigan State University College of Osteopathic Medicine, USA Gymnastics Team Physician and MSU Team Physician.

Tom Mackowiak, MA, ATC - Adjunct Professor Dept of Kinesiology. Athletic Trainer Spartan Men's Basketball.

Sally Nogle, PhD, ATC – Adjunct Faculty in the Department of Kinesiology and Associate Head Athletic Trainer and Athletic Trainer for Spartan Football.

John Powell PhD, ATC – Assistant Professor Departments of Kinesiology and Physical Medicine and Rehabilitation in the Michigan State University College of Osteopathic Medicine, Director of Graduate Studies in Athletic Training and Athletic Trainer for Spartan Wrestling and Swimming.

Michael Strauss, PA ATC – Physician's Assistant in Orthopaedics with the MSU Health Team and MSU Athletics.

Lynn Brumm, DO - Professor Emeritus, Department of Osteopathic Manipulative Medicine, Michigan State University College of Osteopathic Medicine, Consultant for MSU Athletic Training Dept.

Jeff Monroe MS, ATC – Specialist in the Department of Kinesiology, Assistant Athletics Director, Coordinator of Athletic Trainer and Athletic Trainer for Spartan Football.

REGISTRATION  
Fundamentals of Spinal Evaluation and Management for Athletic Trainers  
July 23, 2003 – July 25, 2003  
(NATABOC 20 Contact Hours)

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Institution: \_\_\_\_\_

Business Phone: \_\_\_\_\_

FAX: \_\_\_\_\_

Email Address: \_\_\_\_\_

**Limited Seats Available, So Register Today!**

Registration deadline is July 10, 2003

**Tuition: \$395**

Does not include hotel accommodations

Continental breakfast, lunch and snacks included.

Hotel Accommodations follow this Link: <http://ed-web3.educ.msu.edu/athtrain/>

Check Amount: \_\_\_\_\_/Check Number: \_\_\_\_\_

If more than one person is attending and being paid for in one check, please complete an additional attendee registration form and identify the corresponding check number. Registration begins at 12:00 pm on Wednesday July 23rd with Educational Sessions beginning at 1:00 PM. The course will conclude on Friday July 25th at 3:00 PM. Inquires should be directed to: John Powell 517-432-5018 or Dave Carrier 517-353-4564 carrier@msu.edu

**Please Send Registration Materials to:**

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East Lansing MI 48824  
Office Phone: 517-432-5018  
Email: powellj4@msu.edu

Make Checks Payable to:  
**Michigan State University**



**Spartan Athletic Training**  
<http://ed-web3.educ.msu.edu/athtrain/>  
**Spartan Sports Medicine**  
[www.healthteam.msu.edu/clinics/sportsmedicine/](http://www.healthteam.msu.edu/clinics/sportsmedicine/)