Mayo Clinic Hand Center

Hand Symposium

Management of Upper Extremity Peripheral Nerve Entrapments

October 26, 2002

Phillips Hall, Siebens Building
Mayo Medical Center, Rochester, Minnesota

Sponsored by:
Mayo Physical Medicine and Rehabilitation Department, Mayo School of Health Sciences Program in Physical Therapy, and Mayo Orthopedics Department
**COURSE DESCRIPTION**

This one day symposium presents the management of upper extremity peripheral nerve entrapments. Topics will include anatomy and pathologies of upper extremity peripheral nerves and mechanisms of repair. Rehabilitation interventions in conservative care and following surgery will be discussed. This program is targeted towards rehabilitation physicians, occupational therapists and occupational therapy assistants, physical therapists and physical therapy assistants and other rehabilitation health care providers.

**COURSE LEARNING OBJECTIVES**

By the end of the conference, participants should be able to:

- Describe the anatomy and pathology of upper extremity peripheral nerve.
- Explain pathology of nerve injury and mechanisms of repair.
- Describe conservative/non operative treatment of peripheral nerve injury.
- Describe operative treatment of peripheral nerve injury.
- Describe rehabilitation following surgical treatment of peripheral nerve injury.

**CONTINUING EDUCATION CREDIT**

Programming qualifies as Category 1 educational credit for Minnesota Licensed physical therapists and for continuing education credit for occupational therapists.

**WHO SHOULD ATTEND**

Rehabilitation physicians, physical therapists, occupational therapists, occupational therapy assistants, physical therapy assistants, and any other rehabilitation provider.

**LOCATION/PARKING INFORMATION**

The meeting will be held in Phillips Hall, Siebens Bldg, First Floor. Enter through the doors located on 2nd Avenue of the Siebens Building.

Free parking is available in the Damon Parking Ramp, which is located on 3rd Ave SW. Metered parking on the street is free on weekends.
COURSE FACULTY

Stephen Carmichael, PhD
Department of Anatomy
Mayo Clinic, Rochester, MN

Jeffrey Strommen, MD
Department of Physical Medicine & Rehabilitation
Mayo Clinic, Rochester, MN

Jeffrey Brault, DO
Department of Physical Medicine & Rehabilitation
Mayo Clinic, Rochester, MN

Steve Moran, MD
Department of Plastic Surgery
Mayo Clinic, Rochester, MN

Michelle Beecher, OT
Department of Physical Medicine & Rehabilitation
Mayo Clinic, Rochester, MN

Mark Winemiller, MD
Department of Physical Medicine & Rehabilitation
Mayo Clinic, Rochester, MN

Robert Spinner, MD
Department of Neurologic Surgery
Mayo Clinic, Rochester, MN

Ann Lund, OT, CHT
Department of Physical Medicine & Rehabilitation
Mayo Clinic, Rochester, MN

Ralph Gay, MD
Department of Physical Medicine & Rehabilitation
Mayo Clinic, Rochester, MN

Thomas Holtackers, PT
Department of Physical Medicine & Rehabilitation
Mayo Clinic, Rochester, MN

PLANNING COMMITTEE

COURSE DIRECTOR
Keith A. Bengtson, MD

Reva Rauk, PT, NCS
Jeffrey Brault, MD
Timothy Fedje, PT
Lorraine Jensen, PT, CHT
Penny Hoekstra, Admin. Secretary

This course is supported in part by educational grants from Current Technology, Merck & Company, Prosthetics Lab, Theratech.
Conference Schedule

SATURDAY, OCTOBER 26, 2002

7:30 a.m. Registration/Continental Breakfast
8:10 a.m. Welcome and Introduction
8:15 a.m. Anatomy of Upper Extremity Nerves
Stephen Carmichael, PhD
8:45 a.m. Pathophysiology of Upper Extremity Nerves
Jeffrey Strommen, MD
9:15 a.m. Diagnosis and Nonoperative Treatment of Median Nerve Entrapments
Jeffrey Brault, DO
9:45 a.m. Surgical Management of Median Nerve Entrapments
Steve Moran, MD
10:15 a.m. Break – Hage Atrium- Provided
10:45 a.m. Therapists’ Management of Median Nerve Entrapments
Michelle Beecher, OT
11:15 a.m. Diagnosis and Nonoperative Treatment of Ulnar & Radial Nerve Entrapments
Mark Winemiller, MD
11:45 a.m. Lunch – Hage Atrium - Provided
1:00 p.m. Surgical Management of Ulnar and Radial Nerve Entrapments
Robert Spinner, MD
1:30 p.m. Therapists’ Management of Radial and Ulnar Nerve Entrapments
Ann Lund, OT, CHT
2:00 p.m. Diagnosis and Nonoperative Treatment of Thoracic Outlet Syndrome
Ralph Gay, MD
2:30 p.m. Therapists’ Management of Thoracic Outlet Syndrome
Thomas Holtackers, PT
3:00 p.m. Break – Hage Atrium - Provided
3:30 – 5:00 p.m. Break Out Sessions – Small Group Demonstration and Practice
A. Nerve Gliding Exercises - Denise Kinlaw, PT
B. Splinting - Cynthia Ivy, OT, CHT; Michelle Smith, OT, CHT; Renee Andersen, OT; Cara Mulrine, OT
C. Sensibility Testing - Marge Nelson, OT, CHT; Sonja Kranz, OT, CHT
Registration Form

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PAYMENT

Course Fee:
There is a $175.00 registration fee for all participants. Please include this with your application.

Breakout Sessions:
First Choice: _____________________________________________________________
Second Choice: __________________________________________________________

Please make checks payable to: Mayo Foundation

FAX or mail this form to:
Penny Hoekstra, Admin. Secretary
Saint Marys Hospital
Domitilla 1-270
1216 2nd Street SW
Rochester, MN 55902

E-mail: hoekstra.penny@mayo.edu
Telephone: (507) 266-1748
FAX: 507-255-7696

For More Information:
http://www.mayo.edu/PMR/navpos4.html

Name______________________________________________________________________

Title______________________________________________________________________

Institution________________________________________________________________

Address____________________________________________________________________

City ___________________ State/ZIP Code ____________

Telephone (______) ___________________ FAX (______) ___________________

E-mail Address_____________________________________________________________

☐ Please check if you have any special assistance needs or dietary restrictions.
Please indicate your needs here: ____________________________________________

Register by September 27, 2002

Please make checks payable to: Mayo Foundation