

# ***Wayne E. Dubov, M.D.***

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OAA Orthopaedic Specialists

250 Cetronia Road, Suite 303, Allentown, PA 18104

## ***Education***

<u>Resident</u> 1989-1992	University of Medicine and Dentistry of New Jersey/New Jersey Medical School Physical Medicine and Rehabilitation Newark, NJ
1988-1989	The Staten Island University Hospital Internal Medicine Staten Island, NY
<u>Medical</u> 1984-1988	State University of New York Downstate Medical Center at Brooklyn Doctor of Medicine Brooklyn, NY
<u>Undergraduate</u> 1980-1984	State University of New York at Albany Bachelor of Science in Biological Sciences Albany, NY Honors: Summa Cum Laude, Phi Beta Kappa, Signum Laudis

## ***Licensure***

Pennsylvania

## ***Employment***

2003-Present	OAA Orthopaedic Specialists Allentown, PA
1992-2003	Good Shepherd Rehabilitation Hospital Allentown, PA

## ***Professional Activities***

1994-2003	Good Shepherd Outpatient at Cedar Crest Provider of Outpatient Rehabilitation Services Allentown, PA
2000-2003	Transitional Rehabilitation Medical Director at Good Shepherd Specialty Hospital - Long-Term Acute Care Hospital Allentown, PA
1992-Present	Lehigh Valley Hospital Active Staff Allentown, PA
1992-Present	Good Shepherd Rehabilitation Hospital Active Staff Allentown, PA

**Academic Appointments**

1995-2008	Clinical Assistant Professor of Medicine College of Medicine of the Pennsylvania State University Hershey, PA
2002-Present	Clinical Professor DeSales University for Physicians Assistant Teaching Program Bethlehem, PA

**Professional Memberships**

American Academy of Physical Medicine and Rehabilitation  
American Medical Association  
Pennsylvania Medical Society  
Lehigh County Medical Society  
American Association of Neuromuscular and Electrodiagnostic Medicine

**Positions Held**

March 1997-Present	Greater Lehigh Valley Independent Physician Association (IPA) Board of Trustees Lehigh Valley Hospital
January 2005-Present	Lehigh Valley Physician Hospital Organization Care Management Committee (IPA sub-committee) Lehigh Valley Hospital
January 1998-Present	Prefer Health Management-Physician Advisory Committee (IPA sub- committee) Lehigh Valley Hospital
7/01/05-7/01/08	Medical Executive Committee Lehigh Valley Hospital
7/01/00-7/01/02	Secretary/ Treasurer of Medical Staff Good Shepherd Specialty Hospital
1999-2004	Medical Executive Committee Good Shepherd Specialty Hospital
1998	President, Lehigh County Medical Society
1994-2004	Medical Executive Committee Good Shepherd Rehabilitation Hospital

**Positions Held Continued**

Fall 1990, 1991	Assistant Team Physician for Newark Academy High School Football Program, Livingston, NJ
	Assistant Team Physician of Montclair High school Football Program, Montclair, NJ
1990-1991	American Academy of Physical Medicine and Rehabilitation Resident Physician Council Program Liaison

**Awards**

2003 Physicians' Award Friends of Nursing,  
Lehigh valley Hospital

Subspecialty Teaching Award for Physical Medicine and  
Rehabilitation from Medical Residency Program  
1999-2000, 2000-2001, 2003-2004, 2004-2005, 2005-2006,  
2007-2008, 2008-2009

**Board Certification**

May 1993, Physical Medicine and Rehabilitation  
Recertification: July 2003

May 1994, Diplomate of the American Board of Electrodiagnostic Medicine  
Recertification: December 31, 2004

November 2000, Spinal Cord Injury Subspecialty Board Certification  
Recertification: November 2009

May 1997, Certified Independent Medical Examiner by American Board of  
Independent Medical Examiners  
Recertification: May 2002

**Presentations Given**

***"Management of Peripheral Nerve Trauma"***  
An Update on Diagnoses and Treatment of Common Peripheral Neuromuscular  
Disorders, Lehigh Valley Hospital, Allentown, PA, September 30, 2009

***"Case Presentations and Neurological Assessment of Patients with Spinal Cord  
Injury"***  
Trauma Conference Continuum of Care. DeSalles University, March 2009.

***"Keep It Moving: How and Why to Exercise with Arthritis"***  
Take Control, It's Your Health Women's Health Summit for Arthritis, Holiday Inn,  
Allentown, PA, October 4, 2008

***Presentations Given Continued***

***“Nineteenth Annual Jaeger-Tilly Neuroscience Nursing Update”***

Assessment and Rehabilitation in Spinal Cord Injury, Bear Creek Mountain Resort, November 9, 2007

***“EMG/NCS Studies: Why are they done? Who should do them? When do you refer? How are they interpreted?”***

Third Annual Spine Conference, Education Center, November 8, 2007

***“EMG/Nerve Conduction Studies: What are they and when to order them?”***

Spine Education Seminar for Chiropractors, Integrated Health Campus, September 27, 2007

***“Case Presentations and Neurological Assessment of Spinal Cord Patients”***

Lehigh Valley Hospital Residents, August 8, 2007.

***“When are Spinal Injections indicated in the Management of Back Injuries?”***

OAA Orthopaedic Specialists Spine Seminar, Lehigh Valley Hospital, May 25, 2006

***“Interesting Trauma Cases: Where Are They Now?”***

Trauma 2006: A Continuum of Care, Fogelsville, PA, March 9, 2006

***“Non-Invasive Treatment Options in the Care of the Lower Back”***

Back Injuries in the Workplace Seminar, Fogelsville, PA, April 13, 2005

***“Neurological Examination and Case Reports in Spinal Cord Injury”***

Department of Rehabilitation, Lehigh Valley Hospital, February 4, 2004

***“Cervical Spondylosis and Stenosis: An Overlooked Etiology of Spinal Cord Injury”***

Trauma Symposium at Holiday Inn. Fogelsville, PA. February 28, 2003.

***“Multiple Sclerosis: A Review”.***

Good Shepherd Specialty Hospital Staff. June 21, 2002.

***“Presentation at news conference for DARE (Drug Awareness Resistance Education)”.***

Parkland High School. May 13, 2002

***“Constraint Induced Movement Therapy in Stroke”.***

Jaeger-Tilly Neuroscience Symposium. Fogelsville, PA November 14, 2001

***“Is it a Pinched Nerve?”***

Lecture to medical residents at Lehigh Valley Hospital. March 22, 2001

***“Trauma Case Presentations”***

Professor pre-medical grand rounds for department of medicine at Lehigh Valley Hospital. April 4, 2000

***Presentations Given Continued***

**“Pamidronate Disodium Prevents Heterotopic Ossification in Patients with Major Burns”.**

Presented at the American Burn Association Annual Meeting. March 17, 2000

**“Multisystem Management of Spinal Cord Injury”.**

Jaeger-Tilly Neuroscience Symposium, Fogelsville, PA November 17, 1999

**“Successful Alternatives to Benzodiazepines for Agitation”**

Presented at 23<sup>rd</sup> Annual Williamsburg Conference, Cognitive, Neuromedical and Behavioral Aspects of Brain Injury Rehabilitation. Williamsburg, VA, June 12, 1999

**“Peripheral Nerve Injuries in the Trauma Population”**

October 22, 2008, Medical residents, Lehigh Valley Hospital

May 5, 2004, General Medical Staff CME Presentation , Good Shepherd Rehabilitation Hospital

April 7, 2004, Orthopaedics Through The Ages, Lehigh Valley Hospital

May 28, 2003, Pain Management Lecture Series, Lehigh Valley Hospital

March 3, 2000, Trauma 2000: A Continuum of Care

May 1998, Pennsylvania National Association of Rehabilitation Professional in the Private Sector, Hershey, PA

March 1997, Department of Medicine Grand Rounds, Lehigh Valley Hospital, Allentown, PA

January 1997, Trauma: A Continuum of Care, Mountain Laurel Conference Center

**“Impairment Rating Evaluations - General Approach and Historical Background”**

Impairment Rating Seminar by Tallman, Hudders and Sorrentino Law Firm, Lehigh University, Bethlehem, PA, May 1998

**“Spinal Cord Injury in the Pediatric Population”**

Trauma Pediatric Division at Lehigh Valley Hospital, Allentown, PA, April 1998

**“Rehabilitation and Medical Sequelae in Acute Care Setting in Patients with Traumatic Brain Injury”**

January 1998, Pennsylvania Physical Therapy Association, Easton, PA

January 1998, Health Care Group of Rehabilitation Professionals, Allentown, PA

October 1997, Neuroscience Division, Lehigh Valley Hospital, Allentown, PA

**“Peripheral Nerve Injuries in the Trauma Patient”**

Pediatric Case reports, Lehigh Valley Hospital, Allentown, PA, July 1998

**“Rheumatoid Arthritis: Pathomechanics of Deformity and Treatment in the Hand and Wrist”**

Regional Symposium: “Update: Elbow to Wrist: A Primary Care Approach”, December 1996

***Presentations Given Continued***

**“Functional Anatomy of the Lower Extremity and Gait Abnormalities”**

September 1998, Medical Residents, Lehigh Valley Hospital, Allentown, PA  
January 1996, Residents, Lehigh Valley Hospital, Allentown, PA  
March 1996, Physical Therapy Staff, Lehigh Valley Hospital, Allentown, PA  
June 1996, Specialty Conference, Good Shepherd Rehabilitation Hospital, Allentown, PA

**“Brachial Plexus: Anatomy and Clinical Examination”**

February 2000, Cedar Crest College of Nursing, Allentown, PA  
November 1996, 8<sup>th</sup> Annual Jaeger-Tilly Neuroscience Update, Fogelsville, PA  
April 1995, Residents, Lehigh Valley Hospital, Allentown, PA  
May 1995, Occupational Therapists and Area Hand Specialists, Affinity, Allentown, PA  
July 1995, Physical Therapy Department

**“What It Is to be a Physiatrist”**

Lehigh County Vo-Tech, Schnecksville, PA, November 1996

**“Neurological Examination & Functional Prognosis in the Spinal Cord Patient”**

October 2001, Trauma Critical Care Course, LVH, Allentown, PA  
June 2001, Nursing Trauma/Critical Care Course, LVH, Allentown, PA  
March 2000, Trauma and Medical/Surgical Intensive Residents, LVH, Allentown, PA  
November 1998, Trauma Neurological ICU Nurses, Trauma Staff, Physicians, LVH, Allentown, PA  
February 1995, Neurological Science Conference, LVH, Allentown, PA  
January 1994, “Trauma: A Continuum of Care” Conference, Pocono, PA  
October 1993, 5<sup>th</sup> Annual Jaeger-Tilly Neuroscience Update, Allentown, PA  
December 1993, Medicine Residents, LVH, Allentown, PA

**“Introduction and Clinical Aspects of EMG”**

August 2002, Residents, LVH, Allentown, PA  
August 1996, Residents, LVH, Allentown, PA  
January 1995, Affinity Staff, Allentown, PA

**“Heterotopic Ossification in Burn Injury”**

Presentation to Burn Unit Staff at Lehigh Valley Hospital, Allentown, PA, July 1994

**“Rehabilitation of the Stroke Patient”**

Presentation to Medical Family Practice Seminar, October 1993

**“Physiatry, Medical Rehabilitation, and who is a Good Inpatient Rehabilitation Candidate”**

Presentation to Medical Residents at LVH, Allentown, PA, October 1993

**“Neurogenic Bladder: Evaluation and Management”**

Presentation to Nursing Staff at LVH, Allentown, PA, January 1993

**“Journal Club: A Learning Tool for Residency and Beyond”**

Oral Platform Presentation at the AAPMR/ACRM 1992 Annual Conference, San Francisco, CA, January 1992

***Presentations Given Continued***

**“Determination of the Metabolic Equivalent Associated with Upper Extremity Ergometer Stress Testing”**

Oral Platform Presentation at the AAPMR 1992 Annual Conference, San Francisco, CA, November 1992

**“Rehabilitation of the Amputee”**

Presentation at Surgical Grand Rounds at LVH, Allentown, PA, October 1993

**“Rehabilitation of Common Knee Injuries”**

Presentation at Mountainside Community Hospital, December 1991

**“Delayed Detection of Carotid-Cavernous Sinus Fistula in the Head Injured Patient”**

October 1990, Oral Platform Presentation at the AAPMR/ACRM 1990 Annual Conference, Phoenix, AZ

June 1990, Resident Research Symposium, University of Medicine and Dentistry New Jersey Medical School

**“Neuromuscular Processes of Atrophy and Regeneration”**

Resident Educational Lecture Series, Kessler Institute for Rehabilitation, West Orange, NJ, January 1990,

**“Bone Physiology and Fracture Healing”**

Resident Educational Lecture Series, Kessler Institute for Rehabilitation, West Orange, NJ, November 1989

***Television/Radio Appearances***

**“Seat Belt and Helmet Legislation”**

June 15, 1998 - “Challenges” TV Show, Channel 69 and RCN Cable Network

**“Future of Health Care”**

May 18, 1998 - “Challenges” TV Show, Channel 69 and RCN Cable Network

**“Expert interview regarding Spinal Cord Injuries in Sports”**

ESPN talk show, September 15, 2007.

***Publications and Abstracts***

Dubov, WE, Badellino M, Pasquale M. **Trauma Rehabilitation** Chapter. Current Therapies of Trauma and Surgical Critical Care. Mosby Elsevier, 2008, pgs. 751-757.

Chatham-Showalter PE, Dubov WE, Rhodes M, Barr MC, Sun JM, Wasser T. **Alcohol Level at Head Injury and Subsequent Psychotropic Treatment During Trauma Critical Care.** Psychosomatics 1996, 37:285-288.

Dubov WE, Bach JR. **Delayed Presentation of a Carotid-Cavernous Sinus Fistula in a Patient with Traumatic Brain Injury.** American Journal of Physical Medicine and Rehabilitation, 1991, 70(4):178-180.

WAYNE E. DUBOV, M.D.

Page 8

***Publications and Abstracts Continued***

Dubov WE, Farrell KJ, Fischer J. **Pamidronate Disodium Prevents Heterotopic Ossification in Patients with Major Burns.** Journal of Burn Care And Rehabilitation. Vol. 21, No. 1 Jan/Feb 2000.

Chatham-Showalter PE, Dubov WE, Rhodes M, Barr MC, Sun JM, Wasser T. **Alcohol Level at Head Injury and Subsequent Psychotropic Treatment During Trauma Critical Care.** Proceedings of American Psychiatric Association Annual Meeting, 1994.

Dubov WE, Pak NA. **Delayed Detection of Carotid-Cavernous Sinus Fistula in the Head Injured Patient.** Arch Phys Med Rehabil 1990, 71:765.

Dubov WE, Malanga G, Flores A. **Determination of the Metabolic Equivalent Associated with Upper Extremity Ergometer Stress Testing.** Arch Phys Med Rehabil, 1990.

Malanga G, Dubov WE, Flores A. **Correlation of Energy Cost of Upper Extremity Stress Testing in Crutch Walk Ambulation.** Arch Phys Med Rehabilitation, 1990

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