

# WALTER C. PEPPELMAN, JR., D.O., FACOS

## CURRICULUM VITAE

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### EDUCATION

**Philadelphia College of Osteopathic Medicine, 1981-1985**

Philadelphia, Pennsylvania

Degree: D.O.

Graduated in top 15% of the class

Activities: Class Treasurer

**Ursinus College, 1977-1981**

Collegeville, Pennsylvania

Degree: B.S. with Honors in Physics

Activities: Varsity Football and Baseball Teams, 1978, 1979

### MEDICAL TRAINING

**Fellowship**

**University of Pittsburgh School of Medicine, July 1990 - June 1991**

Pittsburgh, Pennsylvania

Spine Surgery Fellowship

**Residency**

**Community General Osteopathic Hospital, July 1986 - June 1990**

Harrisburg, Pennsylvania

Orthopedic Surgery

**Mercy Hospital of Pittsburgh, January 1989 - May 1989**

Pittsburgh, Pennsylvania

Spine Surgery

**The Children's Hospital, Harvard University, January 1988-June 1988**

Boston, Massachusetts

**Internship**

**Community General Osteopathic Hospital, July 1985 - June 1986**

Harrisburg, Pennsylvania

### BOARD/MEDICAL LICENSURE

**Board Certified** · American Board of Spine Surgery, September 1998

- American Osteopathic Board Orthopedic Surgery  
Official - February 1994

**Board Fellowship** · American Osteopathic Academy of Orthopedics 1998

- American College of Orthopedic Surgeons 1997

**State of Pennsylvania** - OS-005888L - July 1986

**HOSPITAL STAFF MEMBERSHIP**

**Community General Osteopathic Hospital**, July 1991 - Present  
Harrisburg, Pennsylvania  
**Holy Spirit Hospital**, August 1991 - Present  
Camp Hill, Pennsylvania  
**PolyClinic Medical Center**, 1992 - Present  
Harrisburg, Pennsylvania  
**Harrisburg Hospital**, July 1994 - Present  
Harrisburg, Pennsylvania

**HOSPITAL APPOINTMENTS**

**Chairman**, Community General Osteopathic Hospital  
Harrisburg, Pennsylvania  
Department of Orthopedics, 1997  
**Chairman**, Community General Osteopathic Hospital  
Harrisburg, Pennsylvania  
Operating Room Committee, 1997

**ADDITIONAL APPOINTMENTS**

**Scientific Advisory Board**, Anulex Technologies, Inc. – 2002 - Present  
**Consultant**, Spinal Innovations – 2000 - Present  
**Instructor**, Kyphon  
**Medical Director**, Central Pennsylvania Spine Foundation  
**Medical Advisor**, Sulzer SpineTech – 1997 - Present  
**Consultant, Orthofix** – 1998 - Present  
**Consultant**, Smith and Nephew Richards, Spinal Division – 1995 - 1997  
**Consultant**, Osteonics – 1997 - 1998  
**Lab Instructor**, Danek Corporation – 1993 - 1994  
**Clinical Examiner**, American Osteopathic Board of Orthopedic Surgery

**PROFESSIONAL SOCIETIES**

American Osteopathic Association  
American Medical Association  
American College of Osteopathic Surgeons  
American Osteopathic Academy of Orthopedics  
American Osteopathic Academy of Orthopedics, President,  
Spinal Section, 1998 - 2000  
American Academy of Orthopedic Surgeons  
American College of Rheumatology

**PROFESSIONAL SOCIETIES (Cont.)**

Pennsylvania Osteopathic Medical Association  
Pennsylvania Medical Society  
Dauphin County Medical Society  
Cervical Spine Research Society  
North American Spine Society  
Pennsylvania Orthopedic Society

**COURSES**

**Advanced Pedical Fixation of the Lumbar Spine**

Phoenix, Arizona, 1991

**Cervical Spine Research Society**

Palm Beach, Florida, 1996

Santa Fe, New Mexico, 1995

Palm Desert, California, 1992

Philadelphia, Pennsylvania, 1991

San Antonio, Texas, 1990

**Spine Study Group**

Naples, Florida, 1993

Scottsdale, Arizona, 1991

Orlando, Florida, 1990

Palm Springs, California, 1988

**Kaneda Anterior Instrumentation**

Baltimore, Maryland, 1989

**A.O. Spine Course**

Vail, Colorado, 1989

**Luque Spinal Instrumentation Course**

Pittsburgh, Pennsylvania, 1989

**North American Spine Society**

Montreal, Canada, 2002

New Orleans, Louisiana, 2000

Chicago, Illinois, 1999

New York, New York, 1997

Minneapolis, Minnesota, 1994

Boston, Massachusetts, 1992

**Adult Primary and Reconstructive Spine Surgery Spine Instruction Course**

Nashville, Tennessee, 1987

**Anterior Column Support Thoraco/Lumbar/Cervical Spine**

Gainesville, Florida, 1993

**Anterior Spine Surgery, European Spine Society**

Berlin, Germany, 1995

**American Academy of Orthopedic Surgeons**

Orlando, Florida, 1995

Washington, D.C., 1995

San Francisco, California, 1993

**COURSES (Cont.)**

**American Osteopathic Academy of Orthopedics**

Orlando, Florida, 2000  
Seattle, Washington, 1999  
Chicago, Illinois, 1998  
Atlanta, Georgia, 1997  
Baltimore, Maryland, 1997  
San Diego, California, 1996, Chairman, Spinal Section  
New Orleans, Louisiana, 1995  
Washington, D.C., 1994  
Dearborn, Michigan, 1994

**Surgical Training Laparoscopic Spine Surgery, Univ. of Saarlandes**

Homburg/Saar, Germany, 1995

**The 2nd Annual Current Concepts on Surgery of the Spine, The Univ. of Texas Medical Branch at Galveston**

Galveston, Texas, 1996

**BAK Interbody Fusion Course**

Dallas, Texas, 1996

**Surgical Management of Spinal Problems**

New York, New York, 1996

**A Hands-On Bioskills Workshop, BAK Lumbar Interbody Fusion System, American Osteopathic Academy of Orthopedics  
Program Chairman/ Instructor**

Baltimore, Maryland, 1997

**Osteopathic Orthopedic Educators Course**

Baltimore, Maryland, 1997

**Methods of Interbody Fusion of the Spine**

New York, New York, 1997

**Controversies and Challenges in Spinal Deformities, Thoracolumbar and Cervical Surgery**

Key Largo, Florida, 1998

**Medical Advisory Council Meeting, Sulzer SpineTech**

Orlando, Florida, 1998

**Asian Medical Advisory Board Meeting, Sulzer SpineTech**

Kohalo Coast, Hawaii, 1999

**Eurospine 1999, Spine Society of Europe**

Munich, Germany, 1999

**Worldspine 2000 Conference**

Berlin, Germany, 2000

**Advances in Treating Vertebral Body Compression Fractures, Cleveland Clinic**

Cleveland, Ohio 2000

**International Conference on Spinal Surgery**

Beijing and Chongqing, China, October 2002

ABSTRACTS/PRESENTATIONS

***C.D. Instrumentation in Adolescent Idiopathic Scoliosis, Early Results and Complications:*** Presented at the Scoliosis Research Society Meeting, Paris, France (Presented by John Hall, M.D.) June 1988

***Surgical Treatment of Adolescent Idiopathic Scoliosis:*** Presented at the AAOS Academy Meeting, St. Louis, Missouri, September 1989.

***Incidence of Subaxial Subluxation in Patients with Generalized Rheumatoid Arthritis Who Have Had Previous Occipital Cervical Fusions:*** Presented at the Cervical Spine Research Society, San Antonio, Texas, November 1989.

***The Use of Allograft Fibular Bone in Anterior Cervical Interbody Fusions:*** Presented at the Sixth Annual Meeting of the North American Spine Society, Keystone, Colorado, August 1991.

***Development of Recurrent C-Spine Instability in Rheumatoid Arthritis Following Previous Fusion:*** Presented at American College of Rheumatology, Baltimore, Maryland, April 1991

***Cervical Spine Surgery in Rheumatoid Arthritis: Improvement of Neurological Deficit Following Cervical Spine Fusion:*** Presented at the Sixth Annual Meeting of the North American Spine Society, Keystone, Colorado, August 1991.

***Cervical Spine Surgery in Rheumatoid Arthritis: Improvement of Neurological Deficit Following Cervical Spine Fusion:*** Presented to the British Society of Rheumatology Annual Meeting, London, England, September 1991.

***Development of Recurrent Cervical Spine Instability in Rheumatoid Arthritis Following Previous Fusion:*** Presented at the American College of Rheumatology Annual Meeting, Boston, Massachusetts, November, 1991.

***Cervical Spine Surgery in Rheumatoid Arthritis: Improvement of Neurological Deficit Following Cervical Spine Fusion:*** Presented to the Cervical Spine Research Society, Philadelphia, Pennsylvania, December, 1991.

***The Use of Allograft Fibula in Anterior Cervical Interbody Fusion:*** Presented to the Cervical Spine Research Society, Philadelphia, Pennsylvania, December, 1991

***Development of Recurrent C-Spine Instability in Rheumatoid Arthritis Following Previous Fusion:*** Presented at American College of Rheumatology, Baltimore, Maryland, April, 1991.

**ABSTRACTS/PRESENTATIONS (Cont.)**

***Subaxial Subluxation Occurring in Patients with Rheumatoid Arthritis Who Have Had Previous Proximal Cervical Fusion:*** Presented at the Academy of Orthopedic Surgeons Annual Meeting, Washington, D.C., February, 1992.

***Subaxial Subluxation Occurring in Patients with Rheumatoid Arthritis Who Have Had Previous Proximal Cervical Fusion:*** Presented to American Academy of Orthopedic Surgeons, April, 1992.

***Symptomatic Metastatic Malignant Melanoma to the Spine:*** Presented to the Western Orthopedic Association Annual Meeting, Monterey, California (Presented by William Donaldson, M.D.), October, 1992

***Cervical Spine Surgery in Rheumatoid Arthritis: Improvement of Neurological Deficit Following Cervical Spine Fusion.*** Presented to American Academy of Orthopedic Surgeons, San Francisco, California, February, 1993.

***Treatment of the Rheumatoid Cervical Spine:*** Presented to American Academy of Orthopedic Surgeons, San Francisco, California, October, 1993.

***Orthopedics of Lawyers:*** Presented at the PESI Seminar, Philadelphia, Pennsylvania, January, 1994.

***TSRH Spinal Instrumentation:*** Lab Instructor for the Sofamor Danek Group, Inc., 1993-1994.

***Surgical Management of Spinal Disorders:*** Harrisburg, Pennsylvania, September, 1995.

***Use of Anterior Cervical Plating, Early Clinical Evaluation of the Empower Lumbar System:*** Galveston, Texas, June, 1996.

***Surgical Intervention of Spinal Cord Injury:*** Presented at AOA/ACONP 101st Annual Convention and Scientific Seminar, Las Vegas, Nevada, October, 1996

***Use of Anterior Cervical Plating and Its Effects on Postoperative Radiographic Evaluation:*** Presented at the Cervical Spine Research Society, Palm Beach, Florida, December, 1996

***Rheumatoid Arthritis of the Neck: Clinical Manifestation, Evaluation and Treatment (Medical and Surgical):*** Cape Town, South Africa, March, 1997

***The Use of Anterior Cervical Plating: Its Current Indications and Results from Clinical and Radiographic Studies:*** Cape Town, South Africa, March, 1997

**ABSTRACTS/PRESENTATIONS (Cont.)**

*Lumbar Fusion Cages:* Presented to the American Osteopathic Academy of Orthopedics, Baltimore, Maryland, May, 1997

*Carbon Cages:* New York, New York, December, 1997

*ALIF Approaches and Exposure:* New York, New York, December, 1997

*Cages and Competitive BGS:* Presented at the Orthofix, Inc. National Sales Meeting, Phoenix, Arizona, 1998

*How to Read an X-ray:* Presented at the Orthofix, Inc. National Sales Meeting, Phoenix, Arizona, 1998

*Bone Graft Materials: Which is Best - Autograft or Allograft?* Key Largo, Florida, April 1998

*Anterior Cervical Plating and Its Effect on Postoperative Radiographic Evaluation:* Presented at the NASS/APS Spring Meeting, Charleston, South Carolina, April 1998

*Anterior Cervical Plating and Its Effects on Postoperative Clinical Outcomes:* Presented at the NASS/APS Spring Meeting, Charleston, South Carolina, 1998

*Posterior Segmental Instrumentation Silhouette Training:* Presented at the Sulzer SpineTech Eastern Area Silhouette Training Course, Miami, Florida, 1999

*Silhouette Spinal Fixation System:* Presented at the Sulzer SpineTech Spine Fellowship Education Program, Braselton, Georgia, May 1999

*Silhouette Posterior Pedical Screw Instrumentation: Indications and Technique:* Presented at the Sulzer SpineTech Asian Medical Advisory Board Meeting, Kohalo Coast, Hawaii, June 1999

*Bone Substitute Materials: New Biologics in Development:* Presented at the Sulzer SpineTech Asian Medical Advisory Board Meeting, Kohalo Coast, Hawaii, June 1999

*Current Trends in Posterior Lumbar Fixation:* Presented at Yale University, Orthopedic/Neurosurgeons, December 1999

*Spinal Anatomy/Future of Spine Surgery:* Presented at the Orthofix, Inc. 2000 National Sales Meeting, San Diego, California, January 2000

*The Spinal Fusion:* Presented at the Orthofix, Inc. 2000 National Sales Meeting, San Diego, California, January 2000

**ABSTRACTS/PRESENTATIONS (Cont.)**

***Current Concepts of Spinal Fixation:*** Presented at the Orthofix, Inc. Regional Sales Meeting, Asheville, North Carolina, August 2000

***Posterior Spinal Fixation with the Silhouette Pedicle Screw System:*** Presented at the World Spine 2000 Conference, Berlin, Germany, August 2000

***Anterior Lumbar Interbody Fusion with paired BAK Proximity and paired BAK Standard Cages: Subsidence Incidence and Clinical Outcome:*** Oral poster presentation to the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Phoenix, Arizona, February 2001

***Vertebral Kyphoplasty for Osteoporotic Compression Fractures:*** Presented to PinnacleHealth Hospitals, Medical Education Day, Harrisburg, Pennsylvania, March, 2001

***Anterior Lumbar Interbody Fusion with paired BAK Proximity and paired BAK Standard Cages: Subsidence Incidence and Clinical Outcome:*** Presented to PinnacleHealth Hospitals, Medical Education Day, Harrisburg, Pennsylvania, March 2001

***Anterior Lumbar Interbody Fusion with paired BAK Proximity and paired BAK Standard Cages: Subsidence Incidence and Clinical Outcome:*** Poster presentation North American Spine Society, November 2001

***Radiographic Assessment of Interbody Lumbar Interbody Fusion:*** “The Cage-O-Gram,” Presented to the North American Spine Society, November 2001

***Inflatable Bone Tamp Uses in Cancellous Bone:*** Presented at the Kyphon Training Course, Phoenix, Arizona, November 2001

***The Future of Spinal Surgery:*** Presented to PinnacleHealth Hospitals, Medical Education Day, Harrisburg, Pennsylvania, April 2002

***Effect of Interbody Cage Geometry and Porosity on the Success of Interbody Spinal Fusion:*** Presented to the Scoliosis Research Society, Seattle, WA, September 2002

***Posterior Lumbar Interbody Fusion with Posterior-Oblique Lumbar Arthrodesis (POLAr): Indications and Outcome:*** Presented at the International Conference on Spinal Surgery, Beijing, China, October 2002

***Anterior Lumbar Interbody Fusion with paired BAK Proximity and paired BAK Standard Cages: Subsidence Incidence and Clinical Outcome:*** Presented at the International Conference on Spinal Surgery, Beijing, China, October 2002

**ABSTRACTS/PRESENTATIONS (Cont.)**

*Anterior Lumbar Interbody Fusion with paired BAK Proximity and paired BAK Standard Cages: Subsidence Incidence and Clinical Outcome:* Presented at the International Conference on Spinal Surgery, Chongqing, China October 2002

*Assessment of Lumbar Interbody Fusion Status by Discogram Technique: Rate of Concordant Pain Response, Determination of Pseudarthrosis and Results of Revision Surgery:* Presented to the North American Spine Society, Montreal, Canada, October 2002

**PUBLICATIONS**

Peppelman, W.C., Grossman, W., Baum, J.A., Kraus, D.R. "Anterior Cervical Fusion: The Use of Freeze Dried Fibular Allograft Bone". *Pittsburgh Orthopedic Journal*, 2: 70-73, 1991.

Grossman, W., Peppelman, W.C., Kraus, D.R., Baum, J.A. "The Use of Freeze Dried Fibular Allograft for Anterior Cervical Fusions". *Spine*, 17(05) 565-569, 1992.

Kraus, D.R., Peppelman, W.C., Agarwal, A.K., DeLeeuw, H.W., and Donaldson, III, W.F., "Incidence of Subaxial Subluxation in Patients with Generalized Rheumatoid Arthritis Who Have Had Previous Occipital Cervical Fusions". *Spine*, 16(105) 5486-5489.

Peppelman, W.C., Agarwal, A.K., Donaldson, III, W.F., and Kraus, D.R., "Cervical Spine Surgery in Rheumatoid Arthritis Improvement in Neurologic Deficit Following Cervical Spine Fusion". *Spine*, 18(16) 0362-2436, December, 1993.

Agarwal, A.K., Peppelman, W.C., Kraus, D.R., Eisenbeis, C.H. "The Cervical Spine in Rheumatoid Arthritis". *British Medical Journal*, 306, January, 1993

Agarwal, A.K., Peppelman, W.C., Kraus, D. R., "Recurrence of Cervical Spine Instability in Rheumatoid Arthritis Following Previous Fusion: Can Disease Progression be Prevented by Early Surgery?" *Journal of Rheumatology*, 19(9), September, 1992.

Donaldson, W.F., Peppelman, W.C., Yaw, K.M., "Symptomatic Metastatic Malignant Melanoma to the Spine". *Journal of Spine Disorders*, 6:4 November, 1993.

Beutler, W.J., Dunn, L., Peppelman, W.C., "Radiographic Assessment of Interbody Lumbar Interbody Fusion: The Cage-O-Gram". *The Spine Journal*, 2(2S) 28S, March/April, 2002

**PUBLICATIONS (Cont.)**

Beutler, W.J., Peppelman, W.C., “Anterior Lumbar Fusion with Paired-BAK Standard and Paired-BAK Proximity Cages: Subsidence Incidence, Subsidence Factors, and Clinical Outcome”. *The Spine Journal*, submitted for publication

**PERSONAL DATA**

Date of Birth:	February 14, 1959
Marital Status:	Married - Kathleen
Children:	Four Sons