

CURRICULUM VITAE

Jeffrey Dean Coe

EDUCATION

High School:
High School

Central Catholic

San Antonio, Texas

1967-1971

College:
Dame

University of Notre

Notre Dame, Indiana

1971-1975

BSEE

High Honors in

Electrical Engineering

EDUCATION (Continued)

Medical School:
University School of Medicine

Washington

St. Louis, Missouri

1975-1979

M.D.

Internship:
Medical Center

Letterman Army

Francisco, California 94129

Presidio of San

1979-1980

Flexible

Residency:
Medical Center

Letterman Army

Francisco, California 94129

Presidio of San

30, 1983

July 1, 1980 - June

Crippled Children

Shriners Hospital for

30, 1984

St. Louis, Missouri

July 1, 1983 - June

Fellowship:
Spinal Surgery

Adult Reconstructive

Orthopaedic Surgery

Department of

Hospital	Johns Hopkins
21205	Baltimore, Maryland
30, 1988	July 1, 1987 - June

HONOR SOCIETIES

Eta Kappa Nu - Engineering Honor Society, 1975

MILITARY SERVICE

1971 - 1975 University of Notre Dame	Army ROTC, Notre Dame, Indiana
May 1974 Airborne School Georgia	United States Army Fort Benning,
July 1975 2nd Lieutenant	Commissioned to

Reserve	United States Army
Corps	Medical Service
MILITARY SERVICE (continued)	
1975 - 1979 Scholarship Program	Health Professions
University School of Medicine	Washington
	St. Louis, Missouri
June 24, 1979 - July 30, 1984 States Army	Active Duty, United
Corps	Captain, Medical
	Assigned:
Army Medical Center	Letterman
San Francisco, CA 94129	Presidio of
Orthopaedic Surgery	Residency in
July 1980 - June 1981 Course	Officers Basic

Medical Center	Letterman Army
Francisco, CA 94129	Presidio of San
May 1983 Care Course	Combat Casualty
	Camp Bullis, Texas
July 15, 1984 - June 2, 1987	Assistant Chief
Service	Orthopaedic Surgery
Hospital, Augsburg	34th General
09178	APO, New York
June 24, 1985 Medical Corps	Promoted to Major,
July 1, 1988 - September 30, 1989 Surgeon	Staff Orthopaedic
October 1, 1989 - May 26, 1992 Surgery	Director, Spinal
Service	Orthopaedic Surgery
Center	Brooke Army Medical

TX 78234

Fort Sam Houston,

November 23, 1991 - April 24, 1991
Surgery

Chief, Orthopaedic

Hospital

41st Combat Support

Arabia in support of

Deployed to Saudi

Shield and Desert Storm

Operations Desert

June 24, 1991
Lieutenant Colonel, Medical Corps

Promoted to

June 30, 1992
Service (Honorable)

Discharged From

PROFESSIONAL EXPERIENCE (Post Military)

July 1, 1992-Current
Orthopaedic Surgeon

Private Practice

since October, 1997)

Campbell, California

(Current address

July 1, 1992-Current
Surgeon

Orthopaedic Spinal

Center for Spinal
Deformity and Injury
815 Pollard Road
Campbell, California
95032

September 1, 1995 - November, 2007
Director Medical

Center for Spinal
Deformity and Injury
815 Pollard Road
Campbell, California
95032

November 2007 - Present
Medical Director
Silicon Valley Spine
Institute
A Professional
Corporation
221 East Hacienda Avenue, Suite A, Campbell, CA 95008

ASSOCIATIONS/ORGANIZATIONS

Fellow, American Academy of Orthopaedic Surgeons (AAOS)

Member, Cervical Spine Research Society (CSRS)

Executive Committee, 1996-2001

Exhibits Committee, 1994-1997

Chairman 1996-1997

Communications Committee, 1998-2001

Chairman, 1998-2001

Local Arrangements Committee 2001

Chairman 2001

Member, North American Spine Society (NASS)

Coding Committee, 1999-2000

Practice Expense Committee, 2000-2001

Coding and Nomenclature Committee, 2001-Present

Fellow, Scoliosis Research Society (SRS)

FOSA Representative, 1999-2002

Mortality and Morbidity Committee, 2000-Present

Member, Orthopaedic Research Society (ORS)

Member, Society of Military Orthopaedic Surgeons (SOMOS)

Federation of Spinal Surgical Societies (FOSA)

Executive Board, 1999-2002

President, 2002

ASSOCIATIONS/ORGANIZATIONS (Continued)

Member, California Orthopaedic Association (COA)

Workers' Compensation Committee, 2001-Present

Member, Santa Clara County Medical Association (SCCMA)

Professional Review Committee, 2002-Present

External Affairs Committee, 1996-Present

Insurance Review Committee, 1995-2000

Alternate Delegate to the CMA House of Delegates, 1998-
Present

Member, California Medical Association (CMA)

Member, American Medical Association (AMA)

MEDICAL CERTIFICATION

National Board of Medical Examiners 1980

MEDICAL LICENSE

Board of Medical Quality Assurance (California): November 17,
1980-Present

License Number: G43782

Department of Health and Mental Hygiene (Maryland): June 4,
1987-July 4, 1988

BOARD CERTIFICATION

Certified by the American Board of Orthopaedic Surgery July 19,
1985

(Non time-limited)

ACADEMIC APPOINTMENTS

Clinical Assistant Professor of Surgery

Uniformed Services University of the Health Sciences

F. Edward Hebert School of Medicine

Bethesda, Maryland 20814-4799

September 1, 1988 - Current

JOURNAL PUBLICATIONS

1. MCALISTER, W.H., COE, J.D., and WHYTE, M.P.:
Macroepiphyseal Dysplasia with Symptomatic Osteoporosis, Wrinkled
Skin, and Aged Appearance, A Possible Autosomal Recessive Condition.
Skeletal Radiology 15: 47-51, 1986.
2. COE, J.D., SCHOENECKER, P.L. and GILULA, L.A.: Roentgen
Rounds #84: Myositis Ossificans Progressiva. Orthopaedic Review 15:
612-616, 1986.
3. COE, J.D., MURPHY, W.A. and WHYTE, M.P.: Management of
Femoral Fractures and Pseudofractures in Adult Hypophosphatasia.
Journal of Bone and Joint Surgery 68-A: 981-990, 1986.
4. COE, J.D., BECKER, P.S., MCAFEE, P.C, and GURR, K.R.:
Neuropathology with Spinal Instrumentation. Journal of Orthopaedic
Research 7:359-370, 1989.
5. COE, J.D., WARDEN, K.E., SUTTERLIN, C.E., III, and MCAFEE,
P.C.: Biomechanical Evaluation of Cervical Spinal Stabilization Methods

in a Human Cadaveric Model. Spine 14:1122-1131, 1989.

6. COE, J.D., WARDEN, K.E., HERZIG, M.A., and MCAFEE, P.C.: The Influence of Bone Mineral Density on the Fixation of Thoracolumbar Implants. A Comparative Study of Transpedicular Screws, Laminar Hooks, and Spinous Process Wires. Spine 15:902-907, 1990.

7. ZDEBLICK, T.A., BECKER, P.S., MCAFEE, P.C., SUTTERLIN, C. E., COE, J.D., and GURR, K.R.: Neuropathological Changes with Experimental Spinal Instrumentation: Transpedicular Versus Sublaminar Fixation. Journal of Spinal Disorders 4:221-228, 1991.

8. BEACH, W.R, STRECKER, W.B., COE, J.D., MANSKE, P.R., SCHOENECKER, P.L., and DAILEY, L.: Use of the Green Transfer in Treatment of Patients with Spastic Cerebral Palsy: 17-Year Experience. Journal of Pediatric Orthopaedics 11:731-736, 1991.

9. PARSONS, T. W., III; LAUERMAN, W. C.; ETHIER, D. B.; GORMLEY, W.; CAIN, J. E.; ELIAS,

Z.; and COE, J.D.: Spine Injuries in Combat Troops: Panama, 1989. Military Medicine 158: 501-502, 1993.

10. FRANCE, J.C., YASZEMESKI, M.J., LAUERMAN W.C., CAIN, J. E., GLOVER, J.M., LAWSON, K.J., COE, J.D., and TOPPER S.M.: A Randomized Prospective Study of Posterolateral Lumbar Fusion. Outcomes with and without Pedicle Screw Instrumentation. Spine 1999 24: 553-60.

11. LOWE, T.G., and COE, J.D.: Bioresorbable Polymer Implants in the Unilateral Transforaminal Lumbar Interbody Fusion Procedure. Orthopedics 2002 25: s1179-83.

12. LOWE, T.G., and COE, J.D.: Bioresorbable Polymer Implants in Unilateral Transforaminal Lumbar Interbody Fusion. *Journal of Neurosurgery: Spine* 2002 97: 464-467.

BOOK CHAPTERS

1. COE, J.D.: "Persistent Spinal Fluid Leakage Following Spinal Surgery" in *Master Cases: Spine Surgery*. Alex R. Vaccaro & Todd J. Albert, Editors. Thieme, New York, 2001.

2. FREEDMAN, M.K., BRISLIN, B.T., VACCARO, A.R., O'NEIL, C., COE, J.D., MAURER, P.M., & O'BRIEN, E.: "Invasive Spinal Diagnostics" in *Principles and Practice of Spine Surgery*. Alex R.

Vaccaro, Randal R. Betz, & Seth M. Zeidman, Editors. Mosby, St. Louis, 2003.

4. COE, J.D. & VACCARO A.R.: "Dural Repair Techniques (Fascial Patching)" in *Spine Surgery: Tricks of the Trade*. Alex R. Vaccaro & Todd J. Albert, Editors. Thieme, New York, 2003.

3. COE, J.D. & VACCARO A.R.: "Complications of Anterior Cervical Plating" in *The Cervical Spine, 4th Edition*. Charles C. Clark, Editor. Lippincott, Williams & Wilkins, Philadelphia (in press).

5. COE, J.D.: "Overview of Fixation: Basic Biomechanics. When to Stabilize - Tumor/Trauma/Infection/Rheumatoid/Deformity/Degenerative" in *Atlas of Cervical Spine Surgery, 2nd Edition*. Harry N. Herkowitz, Editor. Lippincott, Williams & Wilkins, Philadelphia (in press).

SCIENTIFIC PAPER PRESENTATIONS

1. Results and Complications of Revision Surgery for Failed Total Hip Arthroplasty; Society of Military Orthopaedic Surgeons Annual Meeting; El Paso, Texas; November 1982.

2. Carpal Navicular Compression Plating with Iliac Bone Graft for Fracture Nonunion; Society of Military Orthopaedic Surgeons Annual Meeting; Colorado Springs, Colorado; November, 1983.

3. Management of Femoral Fractures and Pseudofractures in Adult Hypophosphatasia; Society of Military Orthopaedic Surgeons Annual Meeting; San Antonio, Texas; December, 1985.

4. Neuropathological Changes with Spinal Instrumentation. A Canine Model; 23rd Annual Meeting of the Scoliosis Research Society; Baltimore, Maryland; October 1, 1988.

5. Biomechanical Evaluation of Cervical Spinal Stabilization Methods in a Human Cadaveric Model; Cervical Spine Research Society 16th Annual Meeting; Key Biscayne, Florida; December 1, 1988.

6. Neuropathological Changes with Spinal Instrumentation. A Canine Model; Society of Military Orthopaedic Surgeons Annual Meeting; Williamsburg, Virginia; December 5, 1988.

7. Load to Failure Strengths of Spinal Implants in Osteoporotic Spines. A Comparison Study of Pedicle Screws, Laminar Hooks, and Spinous Process Wires; 35th Annual Meeting of the Orthopaedic Research Society; Las Vegas, Nevada; February 6, 1989.

8. Neuropathological Changes with Spinal Instrumentation. A Canine Model; American Academy of Orthopaedic Surgeons 56th Annual Meeting; Las Vegas, Nevada; February 13, 1989.

9. Load to Failure Strengths of Spinal Implants in Osteoporotic Spines. A Comparison Study of Pedicle Screws, Laminar Hooks, and Spinous Process Wires; Combined Meeting of the Scoliosis Research Society and the European Spinal Deformities Society; Amsterdam, the Netherlands; September 18, 1989.

10. Potential Neurologic Hazards With Interspinous Wiring in the Cervical Spine; 17th Annual Meeting of the Cervical Spine Research Society; New Orleans, Louisiana; December 8, 1989.

11. Biomechanical Evaluation of Cervical Spinal Stabilization Methods in a Human Cadaveric Model; 5th Annual Meeting of the Federation of Spine Associations; New Orleans, Louisiana; February 11, 1990.

12. Biomechanical Evaluation of Cervical Spinal Stabilization Methods in a Human Cadaveric Model; American Academy of Orthopaedic Surgeons 57th Annual Meeting; New Orleans, Louisiana; February 13, 1990.

13. Spinal Cord Monitoring Using Neurogenic Motor Evoked Potentials in Spinal Surgery; North American Spine Society 7th Annual Meeting; Boston, Massachusetts; July 10, 1992.

SCIENTIFIC PAPER PRESENTATIONS (continued)

14. Transarticular Screw Fixation For C1-2 Fusion: A Review of the Early Results and Complications of the Collected Experience of North American Spinal Surgeons with the Magerl Technique; 20th Annual Meeting of the Cervical Spine Research Society; Palm Desert, California; December 5, 1992.

15. Spinal Cord Monitoring with Neurogenic Motor Evoked Potentials Using Percutaneously Placed Interspinous Electrodes: A New Technique for Spinal Cord Stimulation; 28th Annual Meeting of the Scoliosis Research Society; Dublin, Ireland; September 21, 1993.

16. Transarticular Screw Fixation For C1-2 Fusion: A Review of the Early Results and Complications of the Collected Experience of North American Spinal Surgeons with the Magerl Technique; North American Spine Society 8th Annual Meeting; San Diego, California; October 15, 1993.

17. Transarticular Screw Fixation For C1-2 Fusion: A Review of the Early Results and Complications of the Collected Experience of North American Spinal Surgeons with the Magerl Technique; American Academy of Orthopaedic Surgeons 61st Annual Meeting; New Orleans, Louisiana; February 13, 1994.

18. Subtotal Corpectomy with Autologous Iliac Strut Graft Fusion and Anterior Cervical Plating for Multilevel Cervical Disc Disease, Preliminary Results; 25th Annual Meeting of the Cervical Spine Research Society; Rancho Mirage, California; December 5, 1997.

19. Reconstruction of Iliac Crest Bone Graft Donor Site in Reconstructive Spinal Fusion Surgery; American Academy of Orthopaedic Surgeons 65th Annual Meeting; New Orleans, Louisiana; March 19, 1998.

20. Preoperative Narcotic and Perioperative Tobacco Usage as Predictors of Outcomes in Instrumented Lumbar Spinal Fusion Surgery; American Academy of Orthopaedic Surgeons 66th Annual Meeting; Anaheim, California; February 6, 1999.

21. Reconstruction of Iliac Crest Bone Graft Donor Site in Reconstructive Spinal Fusion Surgery; 34th Annual Meeting of the Scoliosis Research Society; San Diego, California; September, 1999.

22. Preoperative Narcotic and Perioperative Tobacco Usage as Predictors of Outcomes in Instrumented Lumbar Spinal Fusion Surgery; North American Spine Society 14th Annual Meeting; Chicago, Illinois; October 24, 1999.

23. Utility of Magnetic Resonance Imaging Parameters in Predicting Highly Sensitive Discs on Discography; North American Spine Society 17th Annual Meeting; Montreal, Quebec; November 2, 2002.

PODIUM PRESENTATIONS AND LECTURES

1. Impending Intra-Articular Migration of an Intramedullary Nail Presenting as Pyogenic Arthritis; Society of Orthopaedic Surgeons Annual Meeting; Bethesda, Maryland; November, 1981.

2. The Dashboard Hip; University of California San Francisco Rotating Grand Rounds; Letterman Army Medical Center; Presidio of San Francisco, California; February, 1982.

3. Compartment Syndromes; 2nd Annual German-American Medical

Conference; 34th General Hospital, Augsburg, West Germany; September, 1985.

4. Cervical Spine Trauma. University of Texas Health Science Center at San Antonio Orthopaedic Grand Rounds; San Antonio, Texas; May 22, 1989.

5. Biomechanics of Cervical Fixation Techniques; 1st Annual Challenge of the Cervical Spine; San Antonio, Texas; April 26, 1990.

6. Posterior Cervical Wiring - Techniques and Hazards; 1st Annual Challenge of the Cervical Spine; San Antonio, Texas; April 27, 1990.

7. The Role of Orthopaedic Surgery in Forward Hospitals; Operation Desert Storm Clinical Surgery Conference; Dhahran, Saudi Arabia; April 10, 1991.

8. Recent Advances in Cervical Spine Surgery; Santa Clara County Orthopaedic Society; Campbell, California; May 17th, 1994.

9. Battlefield Orthopaedics in the '90's: Operations Desert Shield and Desert Storm Revisited; Santa Clara County Orthopaedic Society; Campbell, California; January 16th 1996.

10. Cervical Spine Trauma: Non-Operative Treatment; 5th Instructional Course of the Cervical Spine Research Society; Palm Beach, Florida; December 9, 1996.

11 Anterior Lumbar Interbody Fusion with Threaded Titanium Cages;

Santa Clara County Orthopaedic Society; Saratoga, California; September 16th 1997.

12. Biomechanics of the Cervical Spine; 6th Instructional Course of the Cervical Spine Research Society; Atlanta, Georgia; December 6, 1998.

13. Acceleration Injuries of the Cervical Spine; 6th Instructional Course of the Cervical Spine Research Society; Atlanta, Georgia; December 7, 1998.

14. Anterior Fusion for Degenerative Disorders of the Lumbar Spine; American College of Surgeons Annual Meeting, Symposium on Anterior Spinal Fusion; San Francisco, California; October 14, 1999.

PODIUM PRESENTATIONS AND LECTURES (continued)

15. The Case for Lumbar Fusion; Spine Network of California Symposium; Las Vegas, Nevada; February 28, 2000.

16. Neck and Arm Pain in the Injured Worker; California Society of Physical Medicine and Rehabilitation; San Francisco, California; April 30, 2000.

17. Spinal Fusion; Presented to the Nursing Staff of Community Hospital of Campbell; Campbell, California, September 6, 2000.

18. Iliac Crest Bone Graft Donor Site Reconstruction; Presented at "Advances in Spinal Surgery"; Vail, Colorado, December 9, 2000

19. Complications of Anterior Cervical Fusion; 7th Instructional Course of the Cervical Spine Research Society; Charleston, South Carolina; December 2, 2000.

20. Laminectomy Membrane: Guilty or Scapegoat? AAOS Instructional Course: Current Strategies in Spine Surgery; Charleston, South Carolina; May 10, 2001.

21. Posterior Lumbar Interbody Fusion: Options, the role of Dowels and Cages – When are Screws Indicated? AAOS Instructional Course: Current Strategies in Spine Surgery; Charleston, South Carolina; May 12, 2001.

22. California Workers' Compensation – A Case Study: A Physician Can Make a Difference; "Your Practice, Your Business"; Las Vegas, Nevada; August 25, 2001.

23. Evaluation of the Injured Worker – History and Physical; Spine Network of California Symposium; Las Vegas, Nevada; October 15, 2001.

24. The Case for Lumbar Fusion; Spine Network of California Symposium; Las Vegas, Nevada; October 15, 2001.

25. Neck and Arm Pain in the Injured Worker; Spine Network of California Symposium; Las Vegas, Nevada; October 15, 2001.

26. Complications of Anterior Cervical Fusion; 9th Instructional Course of the Cervical Spine Research Society; Monterey, California; December 1, 2001.

27. Cervical Spinal Fusion; Continuing Education in Spine Seminar, Community Hospital of Campbell; Campbell, California, March 19, 2002.

SCIENTIFIC EXHIBITS AND POSTERS

1. Carpal Navicular Compression Plating with Iliac Crest Bone Grafting for Fracture Nonunion; Exhibited at the American Academy of Orthopaedic Surgeons 50th Annual Meeting; Anaheim, California; March, 1983.

2. Dynamic Foot Splint for Traction Patients; Exhibited at American Occupational Therapy Association Annual Conference, Atlanta, Georgia; April 1985.

3. Management of Femoral Fractures and Pseudofractures in Adult Hypophosphatasia - A Medically Untreatable Osteomalacia; Exhibited at the American Academy of Orthopaedic Surgeons 53rd Annual Meeting; New Orleans; Louisiana, February, 1986.

4. Neuropathological Changes with Spinal Instrumentation. A Canine Model; Exhibited at the 35th Annual Meeting of the Orthopaedic Research Society; Las Vegas, Nevada; February 8, 1989.

5. The Biomechanics, Histomorphometry, and Neurological Effects of

Pedicle Fixation; Exhibited at the American Academy of Orthopaedic Surgeons 56th Annual Meeting; Las Vegas, Nevada; February, 1989.

6. 3-D Imaging for the Post-Surgical Failed Back Syndrome; Exhibited at the American Academy of Orthopaedic Surgeons 56th Annual Meeting; Las Vegas, Nevada; February, 1989.

7. Spinal Cord Monitoring with Neurogenic Motor Evoked Potentials Using Percutaneously Placed Interspinous Electrodes: A New Technique for Spinal Cord Stimulation; Exhibited at the 28th Annual Meeting of the Scoliosis Research Society; Dublin, Ireland; September, 1993.

8. Transarticular Screw Fixation For C1-2 Fusion: A Review of the Early Results and Complications of the Collected Experience of North American Spinal Surgeons with the Magerl Technique; Exhibited at the 28th Annual Meeting of the Scoliosis Research Society; Dublin, Ireland; September, 1993.

9. Combined Intra-Sacral Fixation of the Lumbosacral Junction with Segmental Spinal Instrumentation of the Thoracic and Lumbar Spin in Treatment of Adult Scoliosis; Exhibited at the International GICD Congress, June 1995.

9. Postoperative Blood Salvage Utilizing Cell Saver After Spinal Reconstructive Surgery; Exhibited at the 30th Annual Meeting of the Scoliosis Research Society; Asheville, North Carolina; September, 1995.

10. Intra-Fascial Approach in Posterior Iliac Bone Grafting with Donor Site Reconstruction; Exhibited at the 31st Annual Meeting of the Scoliosis Research Society; Ottawa, Ontario; September, 1996.

11. Results of Pre-Operative Teaching Program and Postoperative Clinical Pathways in Adult Spinal Surgery; Exhibited at the 31st Annual Meeting of the Scoliosis Research Society; Ottawa, Ontario; September, 1996.

SCIENTIFIC EXHIBITS AND POSTERS (Continued)

14. Augmented Posterior Lumbar Interbody Reconstruction: Results and Outcome; Exhibited at the 32nd Annual Meeting of the Scoliosis Research Society; St. Louis, Missouri; September, 1997.

15. Preoperative Narcotic and Perioperative Tobacco Usage as Predictors of Outcomes in Instrumented Lumbar Spinal Fusion Surgery; Exhibited at the 34th Annual Meeting of the Scoliosis Research Society; San Diego, California; September, 1999.

16. Coblation: A New Technology for Soft Tissue Management in Spine Surgery; Exhibited at the 7th International Meeting for the Advancement of Spine Technologies; Barcelona, Spain; July 5-8, 2000.

16. Minimally Invasive Discectomy in a Cadaver Model: A Feasibility Study Using Coblation Technology Combined with Novel Techniques for Minimally-Invasive Intradiscal Access; Exhibited at the 8th International Meeting for the Advancement of Spine Technologies; Paradise Island, The Bahamas, July 11-14, 2001.

17. Complications of Anterior Cervical Surgery; Exhibited at the American Academy of Orthopaedic Surgeons 69th Annual Meeting; Dallas, Texas; February 13-17, 2002.

18. Complications of Anterior Cervical Surgery; Exhibited at the 30th Annual Meeting of the Cervical Spine Research Society; Miami Beach,

Florida; December 4-7, 2002.

VIDEOTAPE PRESENTATIONS

1. LETTICE J.J., KULA T.A., COE, J.D., FOUNTAIN S.S., & SEAGO, R.L.: Intra-Fascial Approach in Posterior Iliac Bone Grafting with Donor Site Reconstruction; Exhibited at the 31st Annual Meeting of the Scoliosis Research Society; Ottawa, Ontario; September, 1996.

2. LETTICE J.J., KULA T.A., COE, J.D., FOUNTAIN S.S., & SEAGO, R.L.: Augmented Posterior Lumbar Interbody Fusion Utilizing Pedicle Screw-Rod Instrumentation. Exhibited at the 34th Annual Meeting of the Scoliosis Research Society; San Diego, California; September, 1999.

3. LETTICE J.J., KULA T.A., FOUNTAIN S.S., COE, J.D., & SEAGO, R.L.: Intrafascial Approach in Posterior Iliac Bone Grafting with Donor Site reconstruction. AAOS Orthopaedic Surgery Videotape Library (OSVL), 1999.