

CURRICULUM VITAE

TIMOTHY J. BIRNEY, M.D.

EDUCATION:

Undergraduate: Dartmouth College, Hanover, NH
B.A. Degree, Cum Laude 1979

Medical: University of Pittsburgh, School of Medicine
M.D. Degree, Cum Laude 1983

Post Graduate Medical Education:

State University of New York at Buffalo
Buffalo General Hospital, Buffalo, NY
Fellow in Spinal Surgery 7-1-88 to 6-30-89

Hospitals of University Health Center
Pittsburgh, PA
Resident - Orthopaedic Surgery 7-1-85 to 6-30-88

St. Joseph Hospital, Denver, CO and P/SL Medical
Center, Denver, CO
Intern/Resident, General Surgery 6-23-83 to
6-30-85

Current Practice: Private Practice, Western Orthopaedics, P.C.
1830 Franklin Street, Suite 450, Denver,
CO 80218 1989 - Present

LICENSURE:

Colorado 29351 April 1989

American Board of Orthopaedic Surgery
Part I Boards - Passed September 1988
Part II Boards - Passed July 1991

ABOS Recertification Exam - Passed June 2000
ABOS Recertification Exam - Passed June 2012

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HONORS/AWARDS:

- 1986 Cervical Spine Research Society Resident Award;
University of Pittsburgh, Orthopaedic Residency
Program
- 1983 Harold H. Sankey Award in Orthopaedics; University of
Pittsburgh School of Medicine, Pittsburgh, PA
- 1983 Member of Alpha Omega Alpha; University of Pittsburgh
School of Medicine, Pittsburgh, PA

MEMBERSHIPS:

Denver Medical Society 1989 - Present
Simmons Surgical Society 1989 - Present
Colorado Orthopaedic Society 1990 - Present

PRESENTATIONS:

"MIS vs Mini-Open vs. Open Lumbar Surgery", Medical Sales
College, Littleton, CO; February 21, 2014.

"Anterior Interbody Lumbar Fusion", Medical Sales College,
Littleton, CO; December, 2013.

"Dynesys Dynamic Stabilization", Sawbones Lab, Medical Sales
College, Littleton, CO; December, 2013.

"Balloon Kyphoplasty", Grand Rounds at Presbyterian Medical
Center; September 2011.

"Dynesys Cadaver Course Instructor", June 10-11, 2011.
Henderson, Nevada.

"Dynesys Cadaver Course Instructor", April 14-15, 2011.
Miami, Florida.

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"Treating Neck and Back Pain", Western Orthopaedics and Spine Research and Education Foundation, P.D.; Second Annual Community Workshop and Breakfast, J.W. Marriott Hotel at Cherry Creek, Denver, CO, February, 2011.

"Dynesys Cadaver Course Instructor", November 5-6, 2010. Henderson, Nevada.

"Balloon Kyphoplasty: Minimally Invasive Treatment For Tumor-Related Compression Fractures", IMF Regional Community Workshop, Sheraton Hotel, Denver, Colorado, September 11, 2010.

"Need Relief from Lumbar Spinal Stenosis?", Monday, March 22, 2010, Washington Street Community Center, 809 S. Washington St, Denver, Colorado 80209.

"Dynesys Cadaver Course Instructor", March 5, 2010, Henderson, Nevada.

"New Techniques in Treatment of Spinal Stenosis" X-Stop & Dynesys; Saturday, February 21, 2009, Colorado Orthopaedic & Surgical Hospital, 1830 Franklin, Denver, Colorado 80218.

"New Strategies for Treatment of Lumbar Spine Disorders: Discussing the X-Stop Procedure and Dynesys Flexible Pedicle Screw-Rod Instrumentation", Colorado Academy of Physicians Assistants Meeting, July 31, 2008.

"X-Stop and Lumbar Stenosis", Grand Rounds, Presbyterian-St. Luke's Medical Center, Colorado Room North, Denver, Colorado, April 2008.

"Lower Back Pain: Non-Surgical Treatment and Indications for Spinal Fusions", Workman Compensation Case Managers and Occupational Medicine Physicians, November, 2006 Colorado Room North, Presbyterian-St. Luke's Medical Center, Denver, Colorado.

"Treating Neck and Back Pain", Western Orthopaedics and Spine Research and Education Foundation, P.C.; First Annual Community Workshop and Breakfast, J.W. Marriott Hotel at Cherry Creek, Denver, CO, March 11, 2006.

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"Incidence of Contraindications to Total Disc Arthroplasty: A Retrospective Review of 100 Consecutive Fusion Patients with a Focused Analysis of Facet Arthrosis", North American Spine Society 20th Annual Meeting, September 27-October 1, 2005, Philadelphia, Pennsylvania Convention Center.

"Patho-anatomy of Back Pain", Nurse Case Managers/Chiropractors, Comprehensive Management of the Back Patient Seminar, Denver, CO, P/SL, October 6, 2006.

"Orthopaedic Community Seminars", Denver Community, P/SL, Denver, CO, August 26, 2005.

"Orthopaedic Community Seminars", Denver Community, P/SL, Denver, CO, March 18, 2005.

"New Technology in Spine Care", Case Management Conference for Workman Comp Case Managers, P/SL, Denver, CO, Sept 10, 2004.

"Orthopaedic Community Seminars, Denver Community", P/SL, Denver, CO, April 23, 2004.

"Orthopaedic Community Seminars, Denver Community", P/SL, Denver, CO, March 26, 2004.

"Balloon Kyphoplasty", Medical Grand Rounds, P/SL, Denver, CO, June 2003.

"New Technology In Spine Care", Case Management Conference for Workman Comp Case Managers, P/SL, Denver, CO, November 7, 2003.

"A Retrospective Review of Patient Outcomes Using Internal Fixation and Implantable Direct Current Stimulation in Lumbar Spinal Fusion"; Mid-American Orthopedic Society Meeting, April, 1997.

"Etiology and Treatment of Low Back Pain", Orthopaedic Spine Symposium, Presbyterian/St. Lukes Hospital, Denver, CO, June, 1994.

"Low Back Pain: Evaluation and Treatment"; Colorado Association of Physician Assistants, July, 1994.

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"Low Back Pain: Evaluation and Treatment"; Low Back Health for the Endurance Athlete Conference, December 1993.

"Neck and Upper Extremity Pain: Evaluation and Treatment"; Denver Spine Institute Back Talk 93 Conference, June, 1993.

"Keystone Iliac Crest Technique of Anterior Cervical Fusion: A Comparison of Techniques and Retrospective Review"; Colorado Orthopaedic Society Meeting, November, 1992.

"Keystone Technique of Anterior Cervical Fusion", Colorado Orthopaedic Society Meeting. Denver, CO, August, 1990.

"Nonoperative Care of Low Back Pain", Current Clinical Updates Conference, St. Joseph Hospital, Denver, CO. November, 1990.

"Comparison of MRI and Discography in Diagnosis of Surgically Confirmed Lumbar Disc Lesions", 1st Annual Colorado Spine Symposium, Denver, CO. November, 1990.

"Comparison of MRI and Discography in Diagnosis of Surgically Confirmed Lumbar Disc Lesions", 57th Annual Meeting of the AAOS, New Orleans, LA. February, 1990.

"Comparison of MRI and Discography in Diagnosis of Surgically Confirmed Lumbar Disc Lesions", Rocky Mountain Traumatologic Society Meeting, Snowmass, CO. January, 1990.

"In Situ Fusion of Spondylolysis and Spondylolisthesis", Symposium on Spine Deformity and Trauma, Buffalo, NY. July, 1989.

"Nonoperative Care of Low Back Pain", Workman's Compensation Symposium, Buffalo, NY. June, 1989.

"Comparison of MRI and Discography in Diagnosis of Surgically Confirmed Lumbar Disc Lesions", Residents Day Conference, State University of New York at Buffalo. June, 1989.

"Traumatic Cervical Spine Injuries in Children and Adolescents", Cervical Spine Research Society Meeting, Palm Beach, FL. 1986.

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Traumatic Cervical Spine Injuries in Children and Adolescents", Pennsylvania Orthopaedic Society Meeting, Pittsburgh, PA. 1986.

POSTER PRESENTATIONS:

15th Annual Mid-America Orthopaedic Society, April 23 to April 27, 1997 Hilton Head Island, South Carolina; A Retrospective Review of Patient Outcomes Using Internal Fixation and Implantable Direct Current Stimulation in Lumbar Spinal Fusion. T.J. Birney, M.D., 1997.

PUBLICATIONS:

Birney, T.J., Hanley, E.N., "Traumatic Cervical Spine Injuries in Childhood and Adolescence". Spine, Vol 14 (12): 1277-1282, December, 1989.

Birney, T.J., White, J.J. Jr., Berens, D.L., Kuhn, G., "Comparison of MRI and Discography in Diagnosis of Surgically Confirmed Lumbar Disc Lesions". Journal of Spinal Disorders, Vol 5, No. 4, pp 417-423, 1991.

Wong, David A., Annesser, Betsy, Birney, Tim, Lamond, Roderick, Kumar, Anant, Johnson, Stephen, Jatana, Sanjay, Ghiselli, Gary, "Incidence of contraindications to total disc arthroplasty: a retrospective review of 100 consecutive fusion patients with a specific analysis of facet arthrosis". The Spine Journal (7): 5-11 2007.