

CURRICULUM VITAE
CRAIG DONALD BRIGHAM, M.D.

Personal Information

HOME ADDRESS: 2748 Beretania Circle
Charlotte, NC 28211
(704) 366-1605

OFFICE ADDRESS Miller Orthopaedic Clinic
1001 Blythe Boulevard, Suite 200
Charlotte, North Carolina 28203

PLACE OF BIRTH: Portland, Oregon

DATE OF BIRTH: May 6, 1954

MARITAL STATUS: Married: Joan Sara Brigham, M.D.

CHILDREN: Emily Sara DOB: 2-3-86
Faith Leah DOB: 6-4-88

EDUCATION

College: University of Oregon
1972-1976

Degree: BS - General Science

Scholarship: Full Athletic Scholarship
University of Oregon 1972-1976

Awards: National Science Foundation Research Award,
Organic Chemistry

University of Oregon, 1976

Dr. Richard Dolby, Supervisor

Project: Five Step Synthesis of Allethrolone

Regional Finalist, Rhodes Scholarship; Western
Division

National Collegiate Athletic Association Postgraduate
Scholarship for outstanding academic/athletic
performance

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- Medical School:** Northwestern University Medical School
Chicago, Illinois
1976-1982
2 year sabbatical to train for 1980 Olympic team
1978-1980
Degree: M.D.
- Internship:** Northwestern University McGaw Medical Center
Chicago, Illinois
1982-1983
- Residency:** Northwestern University McGaw Medical Center
Chicago, Illinois
1983-1987
Chairman, Michael F. Schafer, M.D.
- Fellowship:** Orthopaedic Spine Surgery
State University of New York at Buffalo
Buffalo, New York
1987-1988
Director, Edward H. Simmons, M.D.
- Licensure:** North Carolina Medical License # 32223 (3-12-88)
South Carolina Medical License # 18933 (10-9-96)
- Certification:** American Board of Orthopaedic Surgery
1990

American Academy of Orthopaedic Surgeons
1991

Professional Organizations:

American Medical Association
North Carolina Orthopaedic Association
Southern Orthopaedic Association
Scoliosis Research Society
Cervical Spine Research Society
North American Spine Society

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Hospital Appointments: Carolinas Medical Center
Presbyterian/Orthopaedic Hospital of Charlotte
University Memorial Hospital
Presbyterian Hospital
Mercy Hospital

Academic Appointments: Chief, Dept. of Spine Surgery, Carolinas Medical Center -
Orthopaedic Residency Program
Co-Director, Carolinas Medical Center Spine Fellowship
Quality Assurance Chairman, Miller Orthopaedic Clinic
Quality Assurance Chairman, Department of Orthopaedics,
Carolinas Medical Center

Publications:

Hill J, Suker J, Sachs K, Brigham C: Polydrug abuse in an athlete: A case report. Am. J. of Sports Medicine 4, Vol. II: 1983.

Brigham C, Simmons E: Surgical treatment of idiopathic scoliosis. Surgical Rounds for Orthopaedics 1, Vol.III, Page 91. January 1989.

Brigham C, Shafer, M, edited by William Grana: Low back pain in athletes. Advances in Sports Medicine and Fitness. 1989.

Wood EG, Brigham, C: Adolescent lumbar endplate avulsion fracture.
Orthop Rev 1991 Sep;20. (9): 817-8, 821-2, 1991.

Brigham C: A method of reconstruction following human cadaveric cervical spine harvest. Spine. Volume 17. No. 2. February, 1992.

Hanley, Jr., EN, Howard, BH, Brigham, CD, Chapman, TM, Guilford, B, Coumas, JM: Lumbar Epidural Varix as a Cause of Radiculopathy. Spine. Volume 19. No. 18 September 15, 1994.

Brigham C, Tsahakis P: Anterior Cervical foraminotomy and Fusion: Surgical techniques and results. Spine. Volume 20. No. 7. 766-770. 1995.

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Poster Exhibits:

Brigham C, Chewning S: Isola Presentation - "Early clinical experience in 100 consecutive patients treated with Isola instrumentation." North American Spine Society Annual Meeting, Keystone, Colorado, August 1991.

Brigham C, Chewning S: Spinal Approximator - "A new tool to allow spine translation while instrumenting deformities." Scoliosis Research Society Annual Meeting, Minneapolis, Minnesota, September, 1991.

Hanley E, Brigham C, Chapman T, Guilford W, Howard B: "Lumbar epidural varix as a cause of radiculopathy" AAOS Annual Meeting, San Francisco, February 1993.

Chewning S, Brigham, C: "Hardware removal techniques". Scoliosis Research Society Annual Meeting, Kansas City, Mo., September, 1992.

Chewning S, Brigham C, Tsahakis P, Chapman T: "Subcutaneous rods - A simplified approach using Isola instrumentation". North American Spine Society Annual Meeting, Boston, Massachusetts, July, 1992.

Brigham C, Kneisl J, Chewning S: "Neurofibrosarcoma in patients with neurofibromatosis and dystrophic scoliosis". Scoliosis Research Society Annual Meeting, Dublin, Ireland, September, 1993.

Tsahakis P, Brigham, C, Gregory W. Brick: The results of pedicle screw fixation for degenerative conditions of the lumbar spine. North Carolina Orthopaedic Association, Winston-Salem, NC, September, 1995.

Hartman M B, Howard B A, Guilford W B, Mirkin, R Peter, Brigham C D: Oblique radiographs compared with CT scans in the evaluation of cervical foraminal stenosis. Cervical Spine Research Society, Sante Fe, NM, December, 1995.

Presentations/Lectures

Brigham C, Simmons E, David S: Long term follow-up of lumbar extension osteotomy in patients with ankylosing spondylitis. Simmons Surgical Society, Beaver Creek, Colorado, March, 1989.

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Presentations/Lectures

Brigham C: Low back pain and neck pain, diagnosis and treatment.

Orthopaedics for Non-Orthopaedists Seminar, Charlotte, NC, November 1989.

Brigham C: Anabolic steroid use in the athlete. Sports Medicine Update Prevention and Treatment of Sports Injuries. Albany, New York, April 1990.

Brigham C: The role of back surgery in the injured worker. N.C. Industrial Commission Sponsored Symposium, Charlotte, NC, September, 1990.

Brigham C: Spine instrumentation: State of the art. Southern Medical Association Orthopaedic Update Course. Charlotte, NC, December, 1990.

Brigham C, Tsahakis P: Anterior cervical foraminotomy and fusion: Surgical techniques and results. Third Common Meeting (American and European Sections) Cervical Spine Research Society, Athens, Greece, June, 1992.

Brigham C, Tsahakis P: Anterior cervical foraminotomy and fusion: Surgical technique and results. Cervical Spine Research Society Annual Meeting, Palm Desert, California, December, 1992.

Brigham C, Simmons, E: Long term follow-up of extension lumbar osteotomy in patients with ankylosing spondylitis. Scoliosis Research Society Annual Meeting, Kansas City, Missouri, September 23-26, 1992.

Brigham C, Simmons, E: Long term follow-up of extension lumbar osteotomy in patients with ankylosing spondylitis. Tenth Annual Meeting of the Southern Orthopaedic Association, Vienna, Austria, August, 1993.

Brigham C, Simmons E: Long term follow-up of extension lumbar osteotomy in patients with ankylosing spondylitis. North Carolina Orthopaedic Association Annual Meeting, Pinehurst, NC, October, 1993.

Brigham C, Kneisl J, Chewning S: Neurofibrosarcoma in patients with neurofibromatosis and dystrophic scoliosis. North Carolina Orthopaedic Association Annual Meeting, Pinehurst, NC, October, 1993.

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Presentations/Lectures

Brigham C: Common disorders of the cervical spine. Orthopaedics for the Non-Orthopaedist. Charlotte, NC, January 21, 1994.

Brigham C: Spinal malignancies, principles and decision making. Bone and Soft Tissue Tumor Review. Charlotte, NC, October 20, 1995.

Brigham C: Cervical Spine Injuries. Panel Discussion, National Football League Physician's Society 1996 Annual Sports Science Symposium. Indianapolis, IN, February 9, 1996.

Brigham C: Ankylosing Spondylitis and the Seronegative Spondyloarthropathies. PM&R residency Program Didactic Study Lecture. Charlotte, NC February 19, 1996.

Brigham C: Sports Related Back Injury. Wingate University. Wingate, NC, March 25, 1996.

Brigham C: Cervical Spinal Cord Injury in Professional Athletes - Two Case Reports and Review of Current Treatment. NFL Combine Physicals. Indianapolis, IN - February 7, 1997.

Brigham C: Spine Fractures. Head to Toe Orthopaedics - The Piedmont Chapter National Association of Orthopaedic Nurses. Charlotte, NC - March 22, 1997

Brigham C: Lumbar Disc Disease Treatment Options and Weightlifting and Lumbar Injuries. "Sports Medicine 1997 - An NFL Perspective". San Francisco, CA - May 9-11, 1997.

Hartman M, Ellison T S, Brigham C, Finger F, Middlebrooks S, Tsahakis P, Ullrich C, Cole R: Correlation of Clinical Outcome with Fusion Rates and Operative Costs in Patients Treated by Two Level Anterior Cervical Fusion Without and With Plates and Subtotal Corpectomy and Fusion Procedures. CSRS 25th Annual Meeting, Rancho Mirage, CA - December 4-6, 1997.

Current Research Activities:

Brigham C: Anterior cervical foraminotomy - Technical considerations. Modification of Caspar anterior cervical distractor. In-Vitro Biomechanical Analysis of Unifacet Fracture/Subluxations.

Brigham C, Hartman M: Sensitivity and specificity of oblique radiographs compared to CT for diagnosis of foraminal stenosis in cervical spondylosis.

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Current Research Activities:

Brigham C: The management of motor deficit in athletes with lumbar radiculopathy. Retrospective review of the radical history, treatment, rehabilitation and outcome of athletes presenting with motor deficits in the lower extremities due to lumbar herniated nucleus pulposus.

Publications....In Press:

Brigham C: Ankylosing spondylitis and sero negative spondylo arthropathies. Cervical Spine Research Society Textbook, on the cervical spine, Third Edition.