

**Curriculum Vitae  
Of  
David J. Cicerchia, M.D.**

**BUSINESS ADDRESS:**

Orthopedic Group, Inc.  
588 Pawtucket Avenue  
Pawtucket, RI 02860

**TELEPHONE:**

(401) 886-4299 (HOME)  
(401) 722-2400 (BUSINESS)

**EDUCATION:**

**Fellowship:**

New England Baptist Hospital  
Tufts/Harvard University, Boston,  
Massachusetts, Spinal Surgery  
Fellowship, 1995 through 1996

**Residency:**

Boston University Medical Center  
Boston, Massachusetts, Orthopaedic  
Surgery Residency  
1991 through 1995

**Internship:**

Boston University Medical Center  
Boston, Massachusetts  
General Surgery Internship  
1990 through 1991

**Medical School:**

Boston University School of  
Medicine, Boston, Massachusetts,  
M.D., 1986 through 1990

**Undergraduate:**

Boston University, College of  
Liberal Arts, Boston, Massachusetts  
Biology, B.S., **Magna Cum Laude**  
1982 through 1986

**High School:**

Cranston High School East,  
Cranston, Rhode Island, **Salutorian**,  
1979 through 1982

**CERTIFICATIONS:**

American Board of Orthopaedic Surgery  
Certified: July 16, 1998

**PROFESSIONAL LICENSURE:**

**Medical License:**

Massachusetts #81490 Effective 6/28/95  
Rhode Island #9280 Effective 9/4/96

**DEGREES, HONORS AND AWARDS:**

Completion of Boston University Orthopaedic Surgery Residency

Diplomat of The National Board of Medical Examiners

Doctor of Medicine - Boston University School of Medicine

Bachelor of Arts - Boston University School of Medicine Magna Cum Laude

Diploma - Cranston High School East

Honors in Medical School Pharmacology, Psychiatry and Orthopaedic

Surgery - Magna Cum Laude

Dean's List during undergraduate X 6 semesters

Boston University Pre-Med Honor Society

National Pre-Med Honor Society

Golden Key National Honor Society

Biology Majors National Honor Society

Alpha Epsilon Delta National Honor Society

MMEDIC Program (Advanced curriculum and early medical school acceptance for to 14 pre-med students)

Varsity Letter for High School Baseball

Book Award for Outstanding Student In French

Senior Class Vice President

**PROFESSIONAL AND TEACHING EXPERIENCE:**

**HARVARD UNIVERSITY MEDICAL SCHOOL**

Instructor of Orthopaedic Spinal Surgery at the Deaconess and New England Baptist Hospitals, Boston, Massachusetts, 1995.

**TUFTS UNIVERSITY MEDICAL SCHOOL**

Instructor of Orthopaedic Spinal Surgery at New England Baptist Hospital, Boston, Massachusetts, 1995

**NEW ENGLAND BONE AND JOINT INSTITUTE OF NEW ENGLAND BAPTIST HOSPITAL**

Faculty member and speaker at Management of Back Pain in the Current Health Care Environment Conference. The lecture given was title "Cost Effective Approaches to Diagnostic Testing" given at The World Trade Center, Boston, MA, September, 1995.

**BOSTON UNIVERSITY SCHOOL OF MEDICINE**

Prosector of Lower Extremity for first year Medical Students. Responsibilities included dissection, instruction, and assisting students during anatomy lab.

Clinical Lecturer (guest) Department of Anatomy. Responsibilities included lecturing and discussion of clinical aspects of the skeletal system including extremities and spine.

### **BOSTON UNIVERSITY COLLEGE OF LIBERAL ARTS**

Teaching Assistant Department of Biology. Responsibilities included assisting Professor in instruction of first year biology students in lab and study groups.

### **BOSTON UNIVERSITY DEPARTMENT OF ORTHOPEDIC SURGERY**

Team Physician coverage for various local college, high school and other athletic events. Responsibilities included medical game coverage for injuries occurring during the event particularly for evaluation and triage.

### **BROWN UNIVERSITY MEDICAL SCHOOL/ROGER WILLIAMS GENERAL HOSPITAL'S CANCER RESEARCH DEPARTMENT**

Research Assistant during summers and vacations from 1980 - 1986 under the direction of Dr. Paul Calabrese and Dr. Ming Chu. Responsibilities included cell culturing and chemotherapeutic testing in animal models of new agents as well as assisting in publication of novel research.

### **CRANSTON GENERAL HOSPITAL**

1. Worked as an orderly part-time.

### **RESEARCH AND RELATED EXPERIENCE:**

**Biochemical and Pharmacological Properties of 9' - deazadenosine**, Chu et al, Proceedings of The American Association of Cancer Research, Vol. 27, 1986\*

**Effects of Methotrexate and 5'- chloroformycin on (H3) - TdR and (H3) - UR Uptake by Human Promyelocytic Leukemia Cells HL-60**, Chu et al, Proceedings of The American Association Of Cancer Research, Vol. 26, 1985.\*

**Potential of FUdR's Anti-Neoplastic Activity by the Uridine Phosphorylase Inhibitors Benzylaceto-Uridine ,and benzyloxy benzylacetylouridine**, Chu et al, Cancer Research, vol. 44, 1984.\*

\*Worked as a member of the primary investigation team in experiments, data gathering and writing.

### **Lumbar Fusion Rates in Non-Smokers Assessed by 3D CT Scans**

Robert A. Banco and David J. Cicerchia, M.D.; Analysis of 100 patients who underwent lumbar spinal fusion at least one year prior to evaluating the status of their fusion by 3D CT Scan. These patients underwent further spine surgery and the fusion was assessed clinically for comparison. To be presented at the New England Orthopaedic Society meeting and submitted to SPINE.

### **Long Term Results of Anterior Interbody Lumbar Fusion for Back Pain**

Marc A. Linson, M.D. and David J. Cicerchia, M.D. Analysis of 100 patients available for follow-up at a minimum of five years after the fusion. Patients were treated non operatively for one year and there was no evidence of disc herniation by MRI or myelography. There was, however, positive dynamic discograms at the level fused. Paper submitted to SPINE and accepted for publication pending revisions.

### **The Fixation of Ipsi Lateral Femoral Neck and Shaft Fractures: A Biomechanical Comparison of Two Constructs**

David J. Cicerchia, M.D. and Michael Dube, M.D. 13 pairs of adult cadaveric femurs had Ipsi Lateral neck/shaft fractures made. They were treated with either a Recon Nail or IM Nail with surrounding screws. These constructs were then biomechanically tested for strength. Presented at Boston University's Chief Resident's Dinner, 1995. Paper submitted to Journal of Orthopaedic Trauma and accepted pending revision.

### **Spinal Balance and Stability**

Peter Masso, M.D., David J. Cicerchia, M.D., Eric Jamrich, M.D. and George Gorton, III. Assessment of pre and post-operative postural balance using a three dimensional motion analysis system in patients treated for scoliosis. Using the gait lab, a 3D orientation of head, trunk, pelvis and lower extremities was evaluated. Original research to provide a method of scrutinizing surgical outcomes. Presented at the Chiefs Meeting of the Shriners Hospital 1993 and continuing to gather data for submission to a journal.

### **Quadriceps Strength After Intramedullary Femoral Shortening in a Patient with Leg Length Discrepancy**

Peter Masso, M.D., David J. Cicerchia, M.D., Maureen Nahorniak, RPT. Fifteen patients who underwent IM femoral shortening for LLD at the Shriners Hospital Springfield Unit from 1988-1993 are being examined by questionnaire, physical exam and cybex scores for quadriceps strength after surgery compared to the unaffected limb patient assessment currently in progress.

### **Congenital Short Femur and Coxa Vara with Posterior Bow**

David J. Cicerchia, M.D., David Divaric, M.D. and Leon Kruger, M.D. Case report of a 1 year 7 month old female seen and treated at Shriners Hospital Springfield Unit. Being written up as a Case Report because of the unusualness of the associated posterior bow.

### **Congenital Absence of Clavicle with Scoliosis**

David J. Cicerchia, M.D. and Peter Masso, M.D. Case Report on a 12 year old female followed at the Shriners Hospital Springfield Unit with the above condition and a rapidly progressing scoliosis. Review of the literature shows no reports or series of this condition. Patient scheduled for surgery. Manuscript is in progress.

## **PRESENTATIONS.**

### **Spinal Stenosis**

Presented at Spine Conference, New England Baptist Hospital, Boston, Massachusetts.

### **Neoplasms of the Spine**

Presented at Grand Rounds, New England Baptist Hospital, Boston, Massachusetts.

### **Complications in Spinal Surgery**

Presented at the Spine Journal Club, New England Baptist Hospital, Boston, Massachusetts.

### **Cervical Spondylolytic Myelopathy**

Presented at the Spine Surgery Grand Rounds, New England Baptist Hospital, Boston, Massachusetts

### **Rheumatoid Arthritis of the Spine**

Presented at combined Orthopaedic/Rheumatology Grand Rounds at Boston University Medical Center, Boston, Massachusetts.

### **Vertebral Osteomyelitis**

Presented at combined Orthopaedic/Neurosurgical Grand Rounds at Boston University Medical Center, Boston, Massachusetts

### **Adolescent Idiopathic Scoliosis**

Presented at the Core Curriculum Conference Shriners Hospital Springfield Massachusetts

### **Diagnosis and Treatment of Cervical Spine Injuries**

Presented at Orthopaedic Grand Rounds at the Lahey Clinic

### **The Use of the Ilizarov Apparatus for an Infected Nonunion of the Tibia**

Presented at the Newington Children's/Shriners Hospital combined Grand Rounds

### **Bone Metastasis from Carcinoma of the Breast**

Presented at the University Hospital Orthopaedic Grand Rounds

### **Spondylolysis and Spondylolithesis**

Presented at the Core Curriculum Conference at Shriners Hospital, Springfield, Massachusetts

### **Both Bone Fractures of the Forearm in Children**

Presented at Baystate Medical Center's Orthopaedic Grand Rounds.

### **Osteogenesis Imperfecta**

Presented at the Clinical Case Conference at Shriners Hospital, Springfield, Massachusetts

### **The Orthopaedic Management of Cerebral Palsy**

Presented at the Core Curriculum Conference at Shriners Hospital, Springfield, Massachusetts

### **Radial Nerve Compression Neuropathy at the Elbow**

Presented at the Lahey Clinic Hand Conference

### **Slipped Capital Femoral Epiphysis**

Presented at the Leon Kruger Annual Guest Lectureship with Dr. Anthony Catterall as the guest.

### **Common Ankle Injuries in the Athlete**

Presented as part of an Orthopaedic Lecture Series at Internal Medicine Grand Rounds Boston City Hospital.

### **The Diagnosis and Treatment of Tarsal Coalition**

Presented at the Clinical Case Conference at Shriners Hospital Springfield.

### **Management of Congenital Clubfoot**

Presented at the Core Curriculum Conference at Shriners Hospital Springfield, Massachusetts

**The Rotational and Angular Deformities of the Lower Extremities in Children** Presented at the Core Curriculum Conference at Shriners Hospital Springfield, Massachusetts

### **Eastern Orthopaedic Association 27<sup>th</sup> Annual Meeting Hilton Head Island, South Carolina**

#### **Paper Presentation:**

"A Preliminary Evaluation of Instrumented Posterolateral Lumbar Spinal Fusions in Non-Smokers Using Computerized Tomography with Sagittal and Coronal Reconstructions"

#### **Poster Presentation:**

"A Preliminary Evaluation of Instrumented Posterolateral Lumbar Spinal Fusions in Non-Smokers Using Computerized Tomography with Sagittal and Coronal Reconstructions"

### **North American Spine Society 11<sup>th</sup> Annual Meeting Vancouver, British Columbia, Canada**

#### **Paper Presentation:**

"A Preliminary Evaluation of Instrumented Posterolateral Lumbar Spinal Fusions in Non-Smokers Using Computerized Tomography with Sagittal and Coronal Reconstructions"

### **American Academy of Orthopaedic Surgeons 64<sup>th</sup> Annual Meeting San Francisco, California**

#### **Paper Presentation:**

1. "A Preliminary Evaluation of Instrumented Posterolateral Lumbar Spinal Fusions in Non-Smokers Using Computerized Tomography with Sagittal and Coronal Reconstructions."
2. "Long Term Outcomes of Anterior Lumbar Interbody Fusion for Nonradicular Back Pain."

**Poster Presentation:**

"A Preliminary Evaluation of Instrumented Posterolateral Lumbar Spinal Fusions in Non-Smokers Using Computerized Tomography with Sagittal and Coronal Reconstructions"

**Spine and Pain Institute of New England**

"Low Back Pain" Seminar  
McAvinn Conference Center  
Rehabilitation Hospital of Rhode Island  
North Smithfield, Rhode Island

**Presentations:**

1. Lumbar Disc Disease: It's Epidemiology and Surgical Treatment
2. Surgery for the Herniated Lumbar Disc

**PROFESSIONAL ORGANIZATIONS**

North American Spine Society  
New England Spine Study Group  
American Academy of Orthopaedic Surgeons  
American Medical Association  
Massachusetts Medical Society  
Boston Orthopaedic Club  
New England Orthopaedic Society  
Rhode Island Orthopaedic Society