

Fondren Orthopedic Group L.L.P.

Hand and Upper Extremity Surgery Surgery

James B. Bennett, M.D., F.A.C.S.
Craig Crouch, M.D., F.A.C.S.
Thomas L. Mehlhoff, M.D., F.A.C.S.

Shoulder Surgery and Arthroscopy Surgery

Gregory M. Gartsman, M.D., F.A.C.S.

Joint Implant Surgery

Richard J. Kearns, M.D., F.A.C.S.
Gregory W. Stocks, M.D., F.A.C.S.

Sports Medicine

David Surgery of the Knee
William Woods, M.D., F.A.C.S.
Brant Lipscomb, M.D., F.A.C.S.
Robert H. Pain, Jr., M.D., F.A.C.S.

Microvascular Surgery and Limb Reconstruction

Joseph J. Gugenheim, M.D., F.A.C.S.
Mark R. Brinker, M.D., F.A.C.S.

Pediatric Orthopedic Surgery

Joseph J. Gugenheim, M.D., F.A.C.S.
Gary T. Brock, M.D., F.A.C.S.
Edward R. Epps, M.D., F.A.C.S.

Colles and Pediatric Spinal Deformity

Gary T. Brock, M.D., F.A.C.S.
Edward R. Epps, M.D., F.A.C.S.

Reconstructive Spinal Surgery

Gregory W. Hanson, M.D., F.A.C.S.
Jeffrey A. Kozak, M.D., F.A.C.S.
Ian E. Hellman, M.D., F.A.C.S.
Bryan Williamson, M.D., F.A.C.S.

Surgery of the Foot and Ankle

John O. Bishop, M.D., F.A.C.S.
Grant Braly, M.D., F.A.C.S.
Ray C. Oates, M.D., F.A.C.S.
David P. Loncarich, M.D., F.A.C.S.

Trauma-Acute and Reconstructive

Mark R. Brinker, M.D., F.A.C.S.

General Orthopedic Surgery

Brant Lipscomb, M.D., F.A.C.S.
Steven D. Thompson, M.D., F.A.C.S.
Kevin Horn, M.D., F.A.C.S.
Wayne O. Alani, M.D., F.A.C.S.
James G. Pyle, M.D., F.A.C.S.
Robert L. Burke, M.D., F.A.C.S.
Robert Boone, M.D., F.A.C.S.
Phillip G. Daley, M.D., F.A.C.S.
Larry D. Boone, M.D., F.A.C.S.
Barton Kendrick II, M.D., F.A.C.S.
Patricia F. Beaver, M.D., F.A.C.S.
Donald J. Kerr, M.D., F.A.C.S.
Gen M. Korthauer, M.D., F.A.C.S.
Joseph O. Muscat, IV, M.D., F.A.C.S.
Eugene C. Lou, M.D., F.A.C.S.
Jeffery W. Blevins, M.D., F.A.C.S.
Mark E. Franklin, M.D., F.A.C.S.
Russell A. Elkousy, M.D., F.A.C.S.

Administrator

Reggy Pierce

Consultant

Dr. Michael Immel

Joe W. King, M.D. 1915-1979

August 16, 2005

Division of Dockets Management
Food and Drug Administration
5630 Fishers Lane
Room 1061 (HFA-305)
Rockville, MD 20852

John O. Bishop, M.D., F.A.C.S.
Surgery of the Foot and Ankle

Re: FDA Docket 2005P-0121/CCP 1;
Request to Deny Reclassification of Non-invasive Bone Growth Simulators
from class III to class II

Dear Sir or Madam:

I oppose the petition submitted by RS Medical on February 7, 2005 requesting that the Food and Drug Administration reclassify non-invasive bone growth stimulator (BGS) devices from Class III to Class II.

I am an orthopedic surgeon with a foot and ankle specialization. I have been in private practice since 1979 with the Fondren Orthopedic Group, a comprehensive association of private orthopedic surgery practitioners located in Houston, Texas. I have an active staff appointment at Texas Orthopedic Hospital and The Methodist Hospital in Houston, and in the past I have served as a member of the consulting staff of Hermann Hospital's Orthopedic Foot Clinic, Shriners Hospital for Crippled Children, Diagnostic Center Hospital, Park Plaza Hospital, Sadler Clinic in Conroe, Texas, and St. Luke's Episcopal Hospital. In addition, I currently serve as the Editorial Reviewer for the journals Foot and Ankle and The American Journal of Sports Medicine. I have attached a copy of my curriculum vitae for your reference.

I regularly use BGS devices in my practice, including as adjuncts to surgery, in treating delayed unions and nonunions of certain metatarsal bones in the foot, and in treating failed fusions of fractured ankle joints.

I am also familiar with the scientific literature on these types of devices. Based on my experience, I believe that clinical testing in humans is extremely important to confirm that a new type of BGS technology or device is both effective and safe. There is much we do not know about how and why these devices work at the cellular level. In fact, we do not fully understand the mechanism of action and therapeutic effects of the various BGS devices, except to the extent that we recognize that different types of BGS devices may work in different ways. The scientific literature I have reviewed strongly suggests that minor variations in the waveforms generated by a particular BGS device may impact the device's ability to successfully generate bone growth. Despite the

CURRICULUM VITAE

NAME: John Ollie Bishop, M. D.

ADDRESS: Fondren Orthopedic Group
7401 South Main
Houston, TX 77030-4509

DATE OF BIRTH: November 11, 1947
Waco, TX

**UNDERGRADUATE
EDUCATION:** Baylor University
Waco, TX
B. A. Chemistry
1965-1969

**GRADUATE
EDUCATION:** Baylor College of Medicine
Houston, TX
M. D. Degree (Cum Laude)
1969-1973

**POSTGRADUATE
TRAINING:** General Surgery Internship
Baylor College of Medicine Affiliated
Hospitals
Houston, TX
1973-1974

Orthopedic Surgery Residency
Baylor College of Medicine Affiliated
Hospitals
Houston, TX
1974-1977

Surgery of the Foot Fellowship
Cincinnati Orthopaedic Institute and
N. H. Giannestras, M. D.
University of Cincinnati College of Medicine
Cincinnati, OH
1977-1978

**PROFESSIONAL
EXPERIENCE:**

Assistant Clinical Professor of Orthopaedic Surgery and Director,
Division of Foot Surgery
University of Cincinnati College of Medicine
Cincinnati, OH
1978-1979

Clinical Instructor
Department of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
1979-1983

Clinical Assistant Professor
Department of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
1983-1989

Director, Foot and Ankle Fellowship Program
Department of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
1983-1991

Clinical Associate Professor
Department of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
1989 - 1996

**PRESENT PROFESSIONAL
EXPERIENCE:**

Private Practice - Fondren Orthopedic Group
1979-Present

LICENSURE:

State of Texas #E0817
August 1973

**PROFESSIONAL
MEMBERSHIPS:**

American Academy of Orthopaedic Surgeons
American Medical Association
American Orthopaedic Foot and Ankle Society
American Academy of Neurological and
Orthopaedic Surgeons
Houston Medical-Legal Society

**PROFESSIONAL
MEMBERSHIPS:**
(continued)

Harris County Medical Society
Houston Orthopaedic Society
International College of Surgeons
Mid-America Orthopaedic Society
Texas Medical Association
Texas Orthopaedic Association
American Board of Forensic Examiners
Texas Society of Sports Medicine

**BOARD
CERTIFICATION:**

American Board of Orthopaedic Surgery: 1978

**COMMITTEE
APPOINTMENTS:**

Baylor College of Medicine
* President's Council

Department of Orthopedic Surgery, Baylor College of Medicine
* Residency Review Committee
* Residency Selection Committee
* Fellowship Committee

Foot and Ankle Editorial Reviewer

The American Journal of Sports Medicine Editorial Reviewer

**HOSPITAL STAFF
AFFILIATIONS:**

The Methodist Hospital
St. Luke's Episcopal Hospital
Texas Orthopedic Hospital

**HONORS AND
AWARDS:**

Baylor University
* Alpha Epsilon Delta
* Alpha Tau Omega
Baylor College of Medicine
* Graduate Cum Laude
* Alpha Omega Alpha
Baylor College of Medicine Affiliated
Hospitals
* Houston Surgical Society Award, 1976
* Outstanding Orthopedic Resident, 1977
* Solomon David Award, 1977

PUBLICATIONS:

PAPERS PUBLISHED

1. Coronary Artery Fistular and Myocardial Infarction
Chest, June 1974
2. Slipped Capital Femoral Epiphysis: A Study of Fifty Cases
in Black Children
Bishop, J. O.; Oley, T. J.; Stephenson, C. T.; and Tullos,
H. S.
Clinical Orthopaedics and Related Research, 135:93-96,
September 1978
3. Surgical Correction of the Symptomatic Splay Foot
Clinical Orthopaedics, January 1980
4. Delayed Fracture Union Associated with Dexamethasone
Nasal Spray
Arthritis and Rheumatism, Vol. 25, 1982
5. The Modified Blair Fusion
Lionberger, D. R.; Bishop, J. O.; and Tullos, H. S.
Foot and Ankle, 1(3):60-62, July/August 1982
6. Plantar Surgical Approach for Intractable Heel Pain
Foot and Ankle (Proceedings), 1983
7. Foot Care
Insider Baylor Medicine, March 1983
8. Plantar Surgical Approach for Calcaneal Spur
Foot and Ankle (Proceedings), July 1983
9. Aerobics and Shoe Wear
Inside Baylor Medicine, April 1984
10. Microvascular Free Flap Transfer to the Foot and Ankle
Foot and Ankle (Proceedings), 1984
11. Surgical Treatment of Onychocryptosis and
Onychomycosis
Lewis, R. Q.; Bishop, J. O.; and Tullos, H. S.
Orthopedic Review, 13(8):77-81, August 1984

PUBLICATIONS:
(continued)

PAPERS PUBLISHED

12. Surgical Treatment for Recurrent Morton's Neuroma
Nelms, B. A.; **Bishop, J. O.**; and Tullos, H. S.
Orthopedics, 7(11):1708-1711, November 1984
13. Lateral Osteotomy for Malunited Os Calcis Fractures
Foot and Ankle (Proceedings), March 1985
14. Plantar Fascia Release and Heel Spur Excision via Plantar
Route
Kahn, C.; **Bishop, J. O.**; and Tullos, H. S.
Orthopedic Review, 14(4):220-225, April 1985
15. Microvascular Free Flap Transfer to the Foot and Ankle
Withers, E. H.; **Bishop, J. O.**; and Tullos, H. S.
Orthopedic Review, 14(9):540-545, September 1985
16. Lateral Decompression for Malunited Os Calcis Fractures
Braly, W. G.; **Bishop, J. O.**; and Tullos, H. S.
Foot and Ankle, 6(2):90-96, October 1985
17. Chevron-Akin Bunionectomy
Foot and Ankle (Proceedings), March 1987
18. A New Method of Radiograph of Weight Bearing
Metatarsal Heads
Clinical Orthopaedics, November 1987
19. Metatarsal Osteotomy for Primary Metatarsalgia:
Radiographic and Pedobarographic Study
Dreeben, S. M.; Noble, P. C.; Hammer, S; **Bishop, J. O.**;
and Tullos, H. S.
Foot and Ankle, 9(5):214-218, April 1989
20. An Anatomic Study of Subtalar Instability
Heilman, A. E.; Braly, W. G.; **Bishop, J. O.**; Noble, P. C.;
and Tullos, H. S.
Foot and Ankle, 10(4):224-228, 1990
21. Acute Lateral Ankle Ligament Injuries: A Review
Boruta, P. M.; **Bishop, J. O.**; Braly, W. G.; and
Tullos, H. S.
Foot and Ankle, 11(2):107-113, October 1990

PUBLICATIONS:
(continued)

PAPERS PUBLISHED

22. Hinged Silastic Prosthesis of the First Metatarsophalangeal Joint
Granberry, W. M.; Noble, P. C.; Bishop, J. O.; and Tullos, H. S.
Journal of Bone and Joint Surgery, 73-A (10) 1453-1460,
December, 1991
23. Management of Acquired Adult Dropfoot
Jaivin, J. S.; Bishop, J. O.; Braly, W. G.; and Tullos, H. S.
Foot and Ankle, 13(2):98-102, February, 1992

PRESENTATIONS:

1. Slipped Capital Femoral Epiphysis: A Study of Fifty Cases in Black Children
American Academy of Orthopaedic Surgeons
Las Vegas, NV
January 1977
2. Ligamentous Injuries of the Ankle
American College of Surgeons
San Francisco, CA
March 1978
3. Surgical Correction of the Symptomatic Splay Foot
Ohio Orthopaedic Society
Cincinnati, OH
November 1978
4. Amputations and the Diabetic Foot
Orthopedic Grand Rounds
Division of Orthopedic Surgery
University of Texas Health Science Center
Houston, TX
July 1979
5. Foot Deformities in Poliomyelitis
Shriners Hospital for Crippled Children
Brownsville, TX
August 1979

**PRESENTATIONS:
(continued)**

6. **Treatment of the Resistant Clubfoot**
Shriners Hospital for Crippled Children
Houston, TX
October 1979
7. **The Diabetic Foot**
Presented To: Nursing In-Service
The Methodist Hospital
Houston, TX
November 1979
8. **Tendon Transfers in the Pediatric Foot**
Shriners Hospital for Crippled Children
Houston, TX
November 1979
9. **Foot and Ankle Review for Orthopedic In-Training Exam**
Presented To: Orthopedic Residents
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
November 1979
10. **Os Calcis Fractures**
Orthopedic Grand Rounds
Division of Orthopedic Surgery
University of Texas Health Science Center
Houston, TX
March 1980
11. **Anatomy of the Foot and Ankle**
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
June 1980
12. **Surgery of the Rheumatoid Foot**
Presented To: Medical Staff
Diagnostic Hospital
Houston, TX
February 1981

**PRESENTATIONS:
(continued)**

13. Surgery of the Forefoot
Presented To: Orthopedic Residents/Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
February 1981
14. Amputations of the Foot
Division of Plastic Surgery
Plastic Surgery Grand Rounds
Baylor College of Medicine
Houston, TX
March 1981
15. Athletic Injuries of the Foot and Ankle
Friends of Baylor
Houston, TX
April 1981
16. Compartment Syndromes of the Lower Extremity
Sports Medicine Symposium
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
August 1981
17. Adult Forefoot Surgery
Presented To: Orthopedic Residents
Medical Students
Baylor College of Medicine
Houston, TX
November 1981
18. Fractures of the Talus
Orthopedic Grand Rounds
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
December 1981

PRESENTATIONS:
(continued)

19. Treatment of the Ischemic Foot
Symposium on Lower Extremity Rehabilitation
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
January 1982
20. The Modified Blair Fusion
American Academy of Orthopaedic Surgeons
New Orleans, LA
January 1982
21. Bunion Surgery
Presented To: Nursing In-Service
The Methodist Hospital
Houston, TX
March 1982
22. Vascular Disorders of the Foot
Plastic Surgery Grand Rounds
Division of Plastic Surgery
Baylor College of Medicine
Houston, TX
April 1982
23. Doppler Studies for the Ischemic Foot
Presented To: Nursing In-Service
The Methodist Hospital
Houston, TX
June 1982
24. Running Injuries to the Foot and Leg
Texas Athletic Trainers Association
Houston, TX
August 1982
25. Anatomy of the Foot and Ankle
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
August 1982

**PRESENTATIONS:
(continued)**

26. Current Concepts of Bunion Surgery
Orthopedic Grand Rounds
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
November 1982
27. Orthopedic Shoes, Orthotics, and Braces in Neuromuscular
Diseases
Department of Neurology
Baylor College of Medicine
Houston, TX
January 1983
28. Plantar Surgical Approach for Calcaneal Spur
American Orthopaedic Foot and Ankle
Society
Anaheim, CA
March 1983
29. Running Injuries to the Foot and Leg
Orthopedic Grand Rounds
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
March 1983
30. Forefoot Surgery
Presented To: Nursing In-Service
The Methodist Hospital
Houston, TX
April 1983
31. Prevention and Treatment of Running
Injuries
Texas Medical Association
Houston, TX
May 1983
32. Ischemic Index and Amputation Levels
Presented To: Nursing In-Service
The Methodist Hospital
Houston, TX
May 1983

**PRESENTATIONS:
(continued)**

33. Lower Extremity Fractures
Texas State Association of Orthopedic Technicians
Houston, TX
June 1983
34. The Modified Blair Fusion
North American Travelling Fellows
Houston, TX
October 1983
35. Common Adult Foot Disorders
Friends of Baylor
Houston, TX
January 1984
36. Microvascular Free Flap Transfers to the Foot
American Orthopaedic Foot and Ankle Society
Atlanta, GA
February 1984
37. Anatomy of the Foot and Ankle
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
March 1984
38. Disorders of the Forefoot
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
May 1984
39. Classification and Management of Foot
Ulcers
Plastic Surgery Grand Rounds
Division of Plastic Surgery
Baylor College of Medicine
Houston, TX
August 1984

**PRESENTATIONS:
(continued)**

40. Microvascular Free Flap Transfers to the Foot and Ankle
Orthopedic Grand Rounds
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
September 1984
41. Reconstruction of the Lower Extremity
American Society of Plastic Surgeons
Las Vegas, NV
October 1984
42. Treatment of Vascular Disease of the Foot
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
October 1984
43. New Concepts in Bunion Surgery
Orthopedic Grand Rounds
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
October 1984
44. Doppler Ultrasound Studies of Foot
Circulation
Presented To: Nursing In-Service
The Methodist Hospital
Houston, TX
November 1984
45. Diabetic Foot Care
Department of Medicine, Endocrine Section
Baylor College of Medicine
Houston, TX
December 1984
46. Lateral Osteotomy for Malunited Os Calcis Fractures
American Orthopedic Foot and Ankle Society
Las Vegas, NV
January 1985

PRESENTATIONS:
(continued)

47. Foot and Ankle Disorders
Presented To: Medical Students
Baylor College of Medicine
Houston, TX
March 1985
48. Lesions of the Adult Forefoot
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
May 198
49. Athletic Injuries to the Foot and Ankle
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
May 1985
50. Athletic Injuries to the Foot and Ankle
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
University of Texas Health Science Center
Houston, TX
May 1985
51. Common Foot Problems
Presented To: Residents/Medical Students
Department of Family Medicine
Baylor College of Medicine
Houston, TX
May 1985
52. Running Injuries to the Foot and Leg
Presented To: Orthopedic Staff and
Residents
University of Texas Medical Branch
Galveston, TX
June 1985

**PRESENTATIONS:
(continued)**

53. Hammertoes and Metatarsalgia
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
August 1985
54. Reconstructive Foot Surgery
Plastic Surgery Grand Rounds
Division of Plastic Surgery
Baylor College of Medicine
Houston, TX
August 1985
55. Fractures of the Os Calcis and Midfoot
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
September 1985
56. Implant Arthroplasty of the Arthritic Foot
American Academy of Orthopaedic Surgery Symposium
Houston, TX
September 1985
57. Nerve Disorders of the Foot
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
October 1985
58. Moderator: Foot and Ankle Disorders
Joe W. King Lectureship
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
November 1985

PRESENTATIONS:
(continued)

59. Orthopedic Foot Surgery Lecture Series
Presented To: Orthopedic Staff,
Residents and Medical Students
Clinica de Merida Medical School
Merida, Mexico
November 1985

60. Ischemic Disease of the Foot
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
November 1985

61. Rheumatoid Foot Surgery
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
January 1986

62. Talus Fractures
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
February 1986

63. Os Calcis Fractures
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
March 1986

64. Forefoot and Midfoot Fractures
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
April 1986

PRESENTATIONS:
(continued)

65. Foot Disorders
The Methodist Hospital Auxiliary Corps
Houston, TX
May 1986
66. Fracture of the Foot and Ankle
Presented To: Orthopedic Residents
Medical Students
Baylor College of Medicine
Houston, TX
May 1986
67. Ligamentous Injuries to the Foot and Ankle
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
May 1986
68. Tendon Injuries to the Foot and Ankle
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
June 1986
69. Anatomy and Biomechanics of the Foot and Ankle
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
August 1986
70. Ankle Fractures
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
September 1986

**PRESENTATIONS:
(continued)**

71. Hallux Valgus Surgery
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
October 1986

72. Talus Fractures
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
November 1986

73. Chevron-Akin Bunionectomy
Orthopedic Grand Rounds
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
December 1986

74. Reconstruction of Open Foot and Ankle
Fractures
Plastic Surgery Grand Rounds
Division of Plastic Surgery
Baylor College of Medicine
Houston, TX
December 1986

75. Forefoot Disorders
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
December 1986

**PRESENTATIONS:
(continued)**

76. Os Calcis Fractures
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
January 1987
77. Chevron-Akin Bunionectomy
American Orthopaedic Foot and Ankle Society
San Francisco, CA
January 1987
78. Chevron-Akin Bunionectomy
American Academy of Orthopaedic Surgeons
San Francisco, CA
January 1987
79. Hallux Rigidus
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
February 1987
80. Midfoot and Forefoot Fractures
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
March 1987
81. Nail Disorders
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
April 1987

**PRESENTATIONS:
(continued)**

82. Disorders and Surgery of the Foot
Presented To: The Methodist Hospital Service Corps
Houston, TX
May 1987
83. Ankle Instability
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
May 1987
84. Radiographic Visualization of the
Metatarsal Heads
Orthopedic Grand Rounds
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
June 1987
85. Rheumatoid Foot Surgery
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
June 1987
86. Lower Extremity Compartment Syndrome
Sports Medicine Symposium
University of Texas Medical Branch
Galveston, TX
July 1987
87. Metatarsal Osteotomy for Primary
Metatarsalgia
American Orthopaedic Foot Society
Santa Fe, NM
July 1987

**PRESENTATIONS:
(continued)**

88. Lower Extremity Compartment Syndromes
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
August 1987

89. Tendon Injuries of the Foot and Ankle
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
September 1987

90. Nerve Disorders of the Foot and Ankle
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
October 1987

91. Heel Pain
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
November 1987

92. Amputations of the Foot and Ankle
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
December 1987

PRESENTATIONS:
(continued)

93. Arthrodesis of the Foot and Ankle
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
January 1988
94. Orthotics and Special Shoes
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
January 1988
95. The Dysvascular Foot
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
February 1988
96. Paralytic Foot Deformities
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
April 1988
97. Tarsal Coalition
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
May 1988

**PRESENTATIONS:
(continued)**

98. Avascular Necrosis and Osteochondritis Dissecans of the Foot and Ankle
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
May 1988
99. Anatomic Study of Subtalar Instability
Orthopedic Grand Rounds
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
May 1988
100. Subtalar Instability
American Orthopaedic Foot and Ankle Society
St. Paul, MN
July 1988
101. A Review of Bunion Surgery
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
August 1988
102. Ankle Fractures
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
September 1988

**PRESENTATIONS:
(continued)**

103. A Review of Orthopedic In-Training Examination
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
October 1988

104. Talus Fractures
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
November 1988

105. Forefoot Disorders
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
December 1988

106. Nerve Disorders of the Foot
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
January 1989

107. Ankle Ligament Reconstruction
Greater Houston Athletic Trainers Society
Houston, TX
February 1989

108. Hinged Implant Arthroplasty Great Toe
American Academy of Orthopaedic Surgeons
Las Vegas, NV
February 1989

**PRESENTATIONS:
(continued)**

109. Hallux Rigidus
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
February 1989

110. Diabetic Foot Disorders
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
March 1989

111. Tendon Rupture of the Foot and Ankle
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
April 1989

112. Hinged Implant Arthroplasty Great Toe
Mid-America Orthopaedic Society
Southampton, Bermuda
April 1989

113. Subtalar Instability
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
May 1989

**PRESENTATIONS:
(continued)**

114. Compartment Syndromes of the Lower
Extremity
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
August 1989

115. Anatomy of the Foot and Ankle
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
August 1989

116. Tendon and Ligament Injuries of the Foot
and Ankle
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
September 1989

117. Acute Ankle Ligament Injuries
Orthopedic Grand Rounds
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
September 1989

118. OITE Review
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
October 1989

**PRESENTATIONS:
(continued)**

119. Nerve Disorders of the Foot and Ankle
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
November 1989
120. Heel Pain
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
December 1989
121. Arthrodesis of the Foot and Ankle
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
July 1990
122. Dysvascular Foot and Lower Extremity
Amputations
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
March 1990
123. Tarsal Coalition
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
May 1990

PRESENTATIONS:
(continued)

124. Osteochondroses of the Foot and Ankle
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
June 1990

125. Ligament Involvement in Subtalar
Instability and the Efficacy of
Lateral Ligament Reconstruction
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
June 1990

126. Common Foot and Ankle Problems
Presented To: Medical Students
(CORE curriculum)
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
July 1990

127. Bunions and Hallux Valgus
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
June 1990

128. Common Foot Problems
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
July 1990

PRESENTATIONS:
(continued)

129. **Hallux Valgus Surgery**
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
August 1990

130. **Forefoot Disorders**
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
November 1990

131. **Hallux Valgus Surgery**
Presented To: Orthopedic Nurses In-
Service
The Methodist Hospital
Houston, TX
November 1990

132. **Foot and Ankle Anatomy**
Presented To: Orthopedic Residents
Medical Students
Division of Orthopedic Surgery
Baylor College of Medicine
Houston, TX
December 1990

133. **Sports Injuries to the Foot and Ankle**
Presented at: Joe W. King Sports
Medicine Symposium
Houston, Texas
May 1992

134. **Disorders of the Foot**
Presented at: Ortopedics for Family
Practitioners Symposium
Houston, TX
October 1993

**PRESENTATIONS:
(continued)**

135. Oh My Aching Feet
Presented to: Women's Foundation for
Health, Education and Research
Houston, TX
March 1994

136. Sports Injuries to the Foot and Ankle
Baylor College of Medicine's Annual
Revision Course in Family Medicine
Houston, TX
April 1994

PRESENTATIONS EXHIBITS

1. Surgical Treatment of Onychocryptosis and
Onychomycosis
American Orthopaedic Foot Society
Anaheim, CA
March 1983

2. Plantar Surgical Approach for Recurrent
Morton's Neuroma
Anaheim, CA
March 1983

3. Metatarsalgia: A Pedobarographic Study
American Orthopaedic Foot and Ankle
Society
San Francisco, CA
January 1987

MEDIA PRODUCTIONS

1. Common Foot Problems
KHOU Channel 11
Houston, TX
July 1979

2. Sports Injuries to the Foot and Ankle
KHOU Channel 11
Houston, TX
April 1981

MEDIA PRODUCTIONS (continued)

3. Silastic Implant Arthroplasty
KPRC Channel 2
Houston, TX
April 1984
4. Athletic Foot Injuries: Prevention and
Treatment
Film for Office of Public Affairs
Baylor College of Medicine
Houston, TX
September 1984
5. Foot Disorders
Television Program for Office of Public
Affairs
Baylor College of Medicine
Houston, TX
November 1985
6. Shoppers Foot
KHOU Channel 11
Houston, TX
November 1987

**POST-GRADUATE
COURSES:**

1. American Academy of Orthopaedic Surgeons
Meeting
Las Vegas, NV
January 1977
2. American College of Surgeons Meeting
San Francisco, CA
March 1978
3. Ohio Orthopedic Society Meeting
Cincinnati, OH
November 1978
4. Sports Medicine Symposium
Baylor College of Medicine
Houston, TX
August 1981

**POST-GRADUATE
COURSES:**

5. Lower Extremity Rehabilitation Symposium
Baylor College of Medicine
Houston, TX
January 1982
6. American Academy of Orthopedic Surgeons
Meeting
New Orleans, LA
January 1982
7. American Orthopaedic Foot and Ankle
Society Meeting
New Orleans, LA
January 1982
8. American Academy of Orthopaedic Surgeons
Meeting
Anaheim, CA
March 1983
9. American Orthopaedic Foot and Ankle
Society Meeting
Anaheim, CA
March 1983
10. Joe W. King Lectureship
Baylor College of Medicine
Houston, TX
June 1983
11. North American Traveling Fellows
Lectureship
Baylor College of Medicine
Houston, TX
October 1983
12. American Academy of Orthopaedic Surgeons
Meeting
Atlanta, GA
February 1984

**POST-GRADUATE
COURSES:
(continued)**

13. American Orthopaedic Foot and Ankle
Society Meeting
Atlanta, GA
February 1984
14. American Academy of Orthopaedic Surgeons
Meeting
Las Vegas, NV
January 1985
15. American Orthopaedic Foot and Ankle
Society Meeting
Las Vegas, NV
January 1985
16. Joe W. King Lectureship
Baylor College of Medicine
Houston, TX
November 1985
17. Orthopaedic Surgery Lectureship
Clinica de Merida Medical School
Merida, Mexico
November 1985
18. Joseph M. Barnhart Lectureship
Baylor College of Medicine
Houston, TX
November 1986
19. American Academy of Orthopaedic Surgeons
Meeting
San Francisco, CA
January 1987
20. American Orthopaedic Foot and Ankle
Society Meeting
San Francisco, CA
January 1987

**POST-GRADUATE
COURSES:
(continued)**

21. Sports Medicine Symposium
The University of Texas Medical Branch
Galveston, TX
July 1987
22. American Orthopaedic Foot and Ankle
Society Meeting
Summer Institute
Santa Fe, NM
July 1987
23. American Orthopaedic Foot and Ankle
Society Meeting
Summer Institute
St. Paul, MN
July 1988
24. Joe W. King Lectureship
Baylor College of Medicine
Houston, TX
October 1988
25. Edward T. Smith Lectureship
The University of Texas Medical School
Houston, TX
November 1988
26. American Academy of Orthopaedic Surgeons
Meeting
Las Vegas, NV
February 1989
27. American Orthopaedic Foot and Ankle
Society Meeting
Las Vegas, NV
February 1989
28. Mid-America Orthopaedic Society Meeting
Southampton, Bermuda
April 1989

**POST-GRADUATE
COURSES:
(continued)**

29. Wilhelmina Barnhart Lectureship
Baylor College of Medicine
Houston, TX
March 1990
30. Joe W. King Lectureship
Baylor College of Medicine
Houston, TX
October 1990
31. American Orthopaedic Foot and Ankle
Society Meeting
Comprehensive Foot Course
Chicago, IL
November 1990
32. American Academy of Orthopaedic Surgeons
Meeting
Anaheim, CA
February 1991
33. American Orthopaedic Foot and Ankle
Society Meeting
Anaheim, CA
February 1991
34. Baylor Orthopaedic Alumni Meeting
Carmel, CA
June 1991
35. American Academy of Orthopaedic Surgeons
Meeting
Washington, D.C.
February 1992
36. American Orthopaedic Foot and Ankle
Society Meeting
Washington, D.C.
February 1992

**POST-GRADUATE
COURSES:
(continued)**

37. American Academy of Neurological and
Orthopedic Surgeons Meeting
Las Vegas, NV
September 1992
38. Reconstructive Orthopedics Meeting
University of Utah
Snowbird, UT
January 1994
39. American Academy of Orthopedic Surgeons Meeting
New Orleans, LA
February 1994
40. American Orthopedic Foot and Ankle
Society Meeting
New Orleans, LA
February 1994
41. Baylor College of Medicine
Family Practice Symposium
Sports Injuries
April 1994
42. American Orthopedic Foot & Ankle
Society Meeting
18th Annual Family Medicine Review Course
Houston, Texas
October 1994
43. American Academy of Orthopedic Surgeons
62nd Annual Meeting
Orlando, FL
February 1995
44. American Orthopedic Foot & Ankle Society
Annual Meeting - Specialty Day
Orlando, FL
February 1995

**POST-GRADUATE
COURSES:
(continued)**

45. American Orthopedic Foot & Ankle Society
11th Annual Summer Meeting
Vail, CO
July 1995
46. University of California School of
Medicine
Wilderness Medicine
San Diego, CA
August 1995
47. Texas Medical Association
Impairment Evaluation Under Workers
Compensation
Dallas, Texas
October 1995
48. Mid American Orthopedic Association
Fourteen Annual Meeting
San Antonio, Texas
April 1996
49. Texas Orthopaedic Association Meeting
Austin, Texas
May 1997
50. Texas Medical Association
Plastic Reconstructive, Maxillo Facial
Symposium
May 1997
51. St. Luke's Hospital
Orthopedic Symposium
Houston, Texas
April 1998
52. University of Texas Medical Branch
at Galveston
16th Annual Conference
Innovations in Sports Medicine
Galveston, Texas
June 1998

**POST-GRADUATE
COURSES:
(continued)**

53. Texas Medical Association
Physician Stress/Burnout
Houston, Texas
July 1998
54. American Academy of Orthopaedic Surgeons
Annual Meeting
Anaheim, California
February 1999
55. American Orthopaedic Foot and Ankle
Society
Annual Meeting
Anaheim, California
February 1999