



"A. C. T. now for our future generation"

Curriculum Vitae

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Additional Offices

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Education

1986 - 1990 Doctor of Medicine, Emory University School of Medicine
Atlanta, Georgia

1987 Bachelor of Arts, Vanderbilt University College of Arts and Science
Nashville, Tennessee

Work Experience

1999-Present Investigator, Alabama Clinical Therapeutics, LLC
Birmingham, Alabama

1994-Present Attending Physician, Alabama Orthopedic and Spine Center
Birmingham, Alabama

1996-Present Medical Reviewer/Physical Consultant, Blue Cross Blue Shield of Alabama
Birmingham, Alabama

1995-Present Co-Medical Director, Physical Rehabilitation Institute at Medical Center East
Birmingham, Alabama

1993 United States Amateur Boxing Ringside Physician

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Credentials

Medical License Alabama #18155
 Georgia #034838

Certification Diplomate: American Board of Physical Medicine and Rehabilitation
 Diplomate: National Board of Medical Examiners

Clinical Appointments

1994 - Present Clinical Assistant Professor, Emory University School of Medicine,
 Department of Rehabilitation Medicine
 Atlanta, Georgia

Professional Affiliations

American Medical Association
Jefferson County Medical Society
Medical Association of the State of Alabama
North American Spine Society
American Academy of Physical Medicine and Rehabilitation - Diplomate Young
Physiatric Committee
Southern Society of Physical Medicine and Rehabilitation
American Academy of Electrodiagnostic Medicine
Physiatric Association of Spine Sports and Occupational Rehabilitation
International Spinal Injection Society
North American Cervicogenic Headache Society

Honors & Awards

Physician's Recognition Award, The American Medical Association and the
Medical Association of the State of Alabama, April 1998

Pezcynski Award of Excellence - for Outstanding Resident in Physical Medicine
and Rehabilitation of Emory University. June 18, 1993

Residents Day Award - Best Paper, Department of Rehabilitation, Emory
University School of Medicine, "Localization of Ulnar Nerve Lesions at the Elbow
by Short Segment Latency Comparison", June 18, 1993

Phi Beta Kappa (Vanderbilt University)

Dean's List - 1982 - 1986

All Southeastern Conference Academic (Tennis) - 1985 and 1986

All Southeastern Conference Athletic - 1986

McDonald's Award for Outstanding Citizenship and Athletic Achievement - 1986

Vanderbilt Scholar Athlete of the Year - 1986

Varsity Tennis 1982 - 1986, Team Captain - 1985 and 1986

Manuscripts

Goodman B, Berke MD, Schwartz LM: Biomechanics of Tennis Injuries. In: Functional Biomechanics and Rehabilitation of Sports Injuries. Physical Medicine and Rehabilitation: State of Art Reviews, ed. Forton JD., Falco FJE, Jacob AL, October 1997.

Goodman B, Jann B, Haddoz JD, Denson D: Subcutaneous Bupivacaine for Treatment of Spasticity: A Case Report. Archives of Physical Medicine and Rehabilitation, Vol. 73, Pg. 202-204, February 1995.

Goodman BS, April C.: Transforaminal Sequestered Disk Injection for Treatment of Radiculopathy: Case Reports. International Spinal Injection Society - Scientific Newsletter, Vol 2, No. 6, December 1997.

Lectures/Seminars

PASSOR Hands-On Cadaver Course, Maricopa Health System Department of Academic Affairs Continuing Medical Education, Guest Faculty, March 11-12, 1999, Chicago, Illinois

Fifteenth Invitational Scientific Symposium, Instructor, Medical Association Of The State of Alabama, January 23, 1999, Birmingham, Alabama

ISIS Advanced Cervical/Thoracic Workshop Using Cadavers, Instructor, International Spinal Injection Society, January 16-17, 1999, Miami, Florida

Advanced Lumbar Spinal Injection Workshop Using Cadavers, Instructor, International Spinal Injection Society, July 11-12, 1998, Chicago, Illinois.

Transforaminal Sequestered Disc Injections for Treatment of Large Foraminal Disc Herniation with Acute Radiculopathy. The Medical Association of the State of Alabama, Fourteenth Invitational Scientific Symposium, Edna Merle Carraway Convention Center, Birmingham, Alabama, January 24, 1998

Interventional Pain Management Techniques, Instructor, Maricopa Health Systems, Meeting Management Services, September 13-14, 1997, New Orleans, Louisiana

Interventional Pain Management Techniques Seminar, Maricopa Health Systems, Department of Academic Affairs Continuing Medical Education, July 26-27, 1997, Chicago, Illinois.

Diagnostic & Therapeutic Spinal Injection Procedures: Interventional Physiatry Medical Center East Continuing Medical Education, April 15, 1997, Birmingham, Alabama

Intervention Physiatry; X-Ray Guided Injection Procedures, Grand Rounds University of Alabama at Birmingham, March 7, 1997, Birmingham, Alabama

Physiatric Approach to Low Back Pain. National Association of Orthopedic Nurses, March 2, 1996, Birmingham, Alabama

Lectures/Seminars (continued)

Subcutaneous Bupivacaine for Treatment of Spasticity: Grand Rounds University of Alabama - Birmingham, Department of Rehabilitation Medicine. September 9, 1994

Muscle Energy Techniques Level 1, Table Trainer, Michigan State University, M March 16-20, 1994, Tuscon, Arizona.

Physiatric Approach to Low Back Pain, Grand Rounds Emory University, Center for Rehabilitation Medicine. March 11, 1994. Atlanta, Georgia.

Biomechanics of Throwing ; Instability vs. Impingement, Grand Rounds Emory University Center for Rehab Medicine, March 8, 1994. Atlanta, Georgia

Principles of Manual Medicine in PM&R, Table Trainer, Michigan State University, November 4-7, 1993, Miami, Florida.

Nerve Blocks: It's Role in the Treatment of Spasticity, "Dessert "N Learn," The Shepard Spinal Center, Atlanta, Georgia, September 1992.

Managing Spasticity with Nerve Blocks. The Southern Society of Physical Medicine and Rehabilitation, Annual Meeting, Atlanta, Georgia, April 1992.

Research Experience

1. An Open-Label, Long-Term Safety and Tolerability Study of XXX Administered Intrathecally to Patients with Chronic, Severe Pain
2. Double-Blind, Placebo-Controlled, Parallel Group Comparison of the Efficacy and Safety of XXX, XXX, and Placebo with an Open Label Extension In the Treatment of Pain Associated with Osteoarthritis of the Knee and/or Hip
3. A Multicenter, Blinded, Randomized, Placebo Controlled Trial to Study the Ability of XXX to Retard Joint Destruction, and Evaluate the Long Term Safety of XXX, In Subjects with Rheumatoid Arthritis
4. The Safety and Efficacy of XXX for the Treatment of Post-Operative Pain: A Double-Blind, Multicenter, Placebo-Controlled Trial Incorporating JCAHO Pain Management Standards
5. The Safety and Efficacy of XXX Versus XXX: A One-Year, Randomized, Double-Blind, Parallel Group, Active Comparator Study
6. Double-Blind, Placebo Controlled, Parallel Group, Dose Ranging Comparison of the Efficacy and Safety of XXX and Placebo in the Treatment of Osteoarthritis of the Knee and/or Hip
7. A Phase III Evaluation of XXX in Hypogonadal Males
8. A Study to Determine the Effectiveness and Safety of Topically Applied XXX vs. Vehicle in Patients with Decreased ROM Associated with Impaired Shoulder Function
9. A Randomized, Multi-Center, Double-Blind, Placebo Controlled Study of the Iontophoretic Administration of XXX in the Treatment of Patients with Acute Epicondylitis
10. A Phase III Evaluation of XXX in Hypogonadal Males to Determine the Effectiveness in Maintaining the Serum Testosterone Level within the Physiological Range For Adult Males

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Research Experience (continued)

11. Clinical Protocol for a Double-Blind, Placebo-Controlled, Randomized, Six-Week Comparison Study of the Efficacy of XXX and XXX in Relieving the Signs and Symptoms of Osteoarthritis of the Knee
12. Clinical Protocol for a Double-Blind Multicenter Study of the Safety and Efficacy of XXX Followed by XXX Compared to Placebo in General Surgery Patients for Treatments of Post-Surgical Pain
13. Multinational, Multicenter, Double-Blind, Randomized, Placebo Controlled, Parallel Group Study Assessing the Efficacy of Intravenous XXX in Preventing Subsequent Osteoporotic Fractures after a Hip Fracture
14. An Open-Label Study to Evaluate the Long Term Safety and Potential Dose Escalation of XXX in Patients with Chronic Pain
15. Clinical Protocol for a Double-Blind, Placebo Controlled, Randomized Two Week Comparison Study of the Efficacy and Tolerability of XXX and XXX in Relieving the Signs and Symptoms of Osteoarthritis of the Knee
16. A Multi-Center, Parallel, Double-Blind, Masked-Observer, Randomized Comparison of the Safety and Efficacy of XXX and XXX in Patients with Mild to Moderate Primary Osteoarthritis of the Hip
17. A phase 2, randomized, double-blind, placebo controlled, multi-center study in subjects with pain due to lumbosacral radiculopathy
18. A Phase 2, Randomized, Double-Blind, Placebo Controlled, Multi-Center Study in Subjects with Pain due to Lumbosacral Radiculopathy
19. Randomized, Double-Blind Trial of XXX Compared to Placebo in Patients with Acute, Painful Musculoskeletal Spasm of the Lower Back
20. A Multi-Center, Parallel, Double-Blind, Masked-Observer, Randomized Comparison of the Safety and Efficacy of XXX and xxx in Patients with Mild to Moderate Primary Osteoarthritis of the Hip
21. A Double-Blind, Randomized, Active-Controlled Trial Assessing the Efficacy and Safety at Baseline Versus 26 Weeks, and the Immunological Effects, of XXX and XXX for the Treatment of Painful Osteoarthritis of the Knee Followed by a 26-Week, Open-Label Extension Arm to Evaluate Safety in Subjects Desiring a Subsequent Reinjection Series of XXX After the 26-Week Protocol Ends
22. A Randomized, Double Blind, Parallel-Group Study of Cardiovascular Safety In Osteoarthritis or Rheumatoid Arthritis Patients With or at High Risk for Cardiovascular Disease Comparing XXX With XXX and XXX.
23. A Multicenter, Randomized, Double-Blind Placebo-Controlled Trail of XXX for the Treatment of Symptomatic Lumbar Internal Disc Disruption (IDD) with the XXX Augmentation System
24. A Randomized Double Blind, Placebo-Controlled Study to Evaluate the Safety, Tolerability and Efficacy of Intra-Articular Verapamil in the Treatment of Joint Pain in Subjects with Osteoarthritis of the Knee

Research Experience (continued)

25. Open-Label, Non-controlled, Single Ascending Dose Study to Evaluate Safety, Tolerability, Pharmacokinetics, and Exploratory Efficacy of XXX in Subjects with Lumbar Disc Herniation
26. A Phase II, Randomized, Double-Blind, Placebo Controlled Study Evaluating the Treatment of Degenerative Lumbar Discs with Allogeneic Cultured Chondrocytes
27. EVOLVE: A Prospective and Multicenter Evaluation of Outcomes for Quality of Life and Activities of Daily Living for Balloon Kyphoplasty in the Treatment of Vertebral Compression Fractures ("Study")
28. A Prospective, Multicenter, Randomized, Double-blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of a Single Injection of XXX Alone or Combined with XXX in Subjects with Chronic Discogenic Lumbar Back Pain Through 12 Months
29. A 2 and 5 year comparative evaluation of clinical outcomes in the treatment of moderate lumbar spinal stenosis with the XXX vs. direct decompression surgery for FDA Actual Conditions of Use Study
30. **A** Prospective, Randomized, Multi-Center Study of Intraosseous Basivertebral Nerve Ablation for the Treatment of Chronic Low Back Pain
31. Corticosteroid Lumbar Epidural Analgesia for Radiculopathy (C.L.E.A.R.)
32. A Randomized, Double-Blind, Placebo-Controlled, Multi-Center, Phase 3 Study to Determine the Efficacy of XXX in Subjects with Kellgren and Lawrence Grade 2 or 3 Osteoarthritis of the Knee
33. Post market Registry for Evaluation of the XXX



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Date