

Arnold J. Weil, M.D.
Non-Surgical Orthopaedics, P.C.
335 Roselane Street
Marietta, Georgia 30060
Office 770-421-1420

MEDICAL SPECIALTIES

Non-Surgical Orthopaedic and Spine Care
Physical Medicine and Rehabilitation
Occupational & Sports Medicine
Pain Management & Spine Injections

Practice focus on conservative, non-surgical care of orthopaedic injuries, including the spine and extremities, with emphasis on spine rehabilitation, functional restoration, pain management, and ergonomic modifications

Developed internet website on back pain, www.lowbackpain.com

Extensive experience with Phase II, III, IV Clinical Trials

Speaks nationally on a variety of medically-related subjects.

Local and national radio and television guest health expert

BOARD CERTIFICATIONS

Diplomat, American Board of Physical Medicine and Rehabilitation

LICENSURE

Georgia

EDUCATION AND TRAINING

POSTGRADUATE: Kennesaw State University; Kennesaw, Georgia
Executive *MBA*, 1995-1997

POSTGRADUATE: National Rehabilitation Hospital; Washington, D.C.; Physical
Medicine and Rehabilitation; Residency, 1989-1992

Washington Hospital Center; Washington, D.C.; Obstetrics
and Gynecology; Internship, 1988-1989

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GRADUATE: The University of Texas Southwestern Medical Center;
Dallas, Texas; *M.D.*; 1984-1988

UNDERGRADUATE: Texas A&M University; College Station, Texas; *B.S.* in
Biology, cum laude; 1980-1984

PROFESSIONAL EXPERIENCE

Private Practice
CEO, President
Non-Surgical Orthopaedics, P.C.
335 Roselane Street
Marietta, Georgia 30060
April 1993 - Present

Medical Advisor
Montgomery Insurance Group
Workers' Comp and Liability
Atlanta, Georgia
January 2003 - 2004

Board of Advisors
MD News Magazine
Atlanta, Georgia
July 2003 -2006

National Medical Director
Progressive Sports Medicine and Physical Therapy
335 Roselane Street, Suite #201
Marietta, Georgia 30060
January 2001 - 2003

nTouch Research
Primary Clinical Investigator
1431 White Circle
Marietta, Georgia 30066
October 1999 - 2003

Medical Director
Spine & Sport of Marietta
945 Church Street, #A
Marietta, Georgia 30060
January 1996 - May, 2001

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Medical Director
Spine & Chronic Pain Program
HealthSouth Rehabilitation Center
Kennesaw, Georgia 30144
August 1994 - 1997

Medical Director of Rehabilitation
Knollwood Terrace
Atlanta, Georgia
January 1996 - March 1997

Medical Director
Marietta Spinal Rehabilitation Center
Marietta, Georgia 30060
April 1993 - June 1996

Chairman, Rehab Advisory Board
Olsten Kimberly Quality Care
Marietta, Georgia 30067
November 1994 - August 1995

Medical Director, Subacute Rehabilitation
Integrated Health Services, Inc.
Marietta, Georgia 30060
August 1995 - August 1996

Medical Director - Rehabilitation Services
Hillhaven Rehabilitation and Convalescent Center
Marietta, Georgia 30060
October 1993 - October 1995

Medical Director
Genesis Med-X Rehab
50 Plaza Way, Suite A
Marietta, Georgia 30060
June 1993 - October 1994

Consultant
National Pain Institute
3280 Howell Mill Road
Atlanta, Georgia 30327
July 1993 - April 1994

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Medical Director
Department of Rehabilitation Medicine
Kennestone Hospital at Windy Hill
Marietta, Georgia 30067
July 1992 - March 1993

Associate
REACT (Rehabilitation Evaluation and Comprehensive Treatment) Center
Kennestone Hospital at Windy Hill
Marietta, Georgia 30067
July 1992 - March 1993

Associate
Department of Occupational Medicine
Kennestone Hospital at Windy Hill
Marietta, Georgia 30067
July 1992 - March 1993

ACADEMIC AFFILIATIONS

Clinical Assistant Professor of Rehabilitation Medicine
Department of Physical Medicine and Rehabilitation
Emory University School of Medicine
Atlanta, Georgia 30322
July 1992 - Present

Clinical Assistant Professor of Surgery
Department of Surgery
Philadelphia College of Osteopathic Medicine
Georgia Campus
Philadelphia, PA
February 2006 - present

HONORS AND ACHIEVEMENTS

Chairperson, Center for the Treatment of Pain; July 2008
Advisory Board, PainPhysicians.org; 2005
Radio Sandy Springs; Guest Presenter; "Low Back Pain"; July 13, 2005
World Talk Radio; Guest Presenter, "Treatment of Low Back Pain"; March 14, 2005
Dannemiller Musculoskeletal Pain Institute, Advisory Board; 2001
Medical Advisory Board for numerous Insurance and Workers' Comp Organizations, 2003-2004
Medical Advisory Board for numerous Pharmaceutical Companies, 1999-2002
Feature Story on Channel 5 WAGA-TV, Medical Segments, January 1997

HONORS AND ACHIEVEMENTS continued

Cover Story in *Life in Medicine*, a national medical magazine, March 1996
Cobb County Medical Society; Chairman, Bylaws Committee, 1996 - 1998
Georgia Medicare Carrier Advisory Committee, 1994 - Present
Medical Association of Georgia Council on Legislation, 1994 - 1996
Georgia State Health Care Reform Coordinator, American Academy of Physical Medicine and Rehabilitation, 1993 - 1998
Executive Member, Cobb County Special Olympics Committee, 1992 - 1995
American Medical Association/Burroughs Wellcome Co. Leadership Award, 1991
American Academy of Physical Medicine and Rehabilitation Resident Physician Council: Chairman, Health Policy and Legislation Committee, 1990 - 1991
Vice-President, Northern Virginia Council of Big Brothers, 1990 - 1991

PRESENTATIONS & PUBLICATIONS

- "New Advances in Pain Management"; multiple presentations to physicians nationally 2005-2008
- "Non-Surgical Orthopaedics & Pain Management"; CE presentation to the Georgia Chiropractic Association 2005-2008
- "Correspondence of the Pharmacokinetics and Efficacy of Once-Daily Cyclobenzaprine Extended-Release"; AAPM, December 2008.
- "Managing the Patient with Chronic Pain"; Clinical Bulletin, July 2008
- "Tolerability of once-daily cyclobenzaprine hydrochloride modified-release 15 mg and 30 mg for low back and neck pain associated with muscle spasm"; Abstract, Journal of Pain; 2008
- "Efficacy and Tolerability of Once-Daily Cyclobenzaprine HCl Extended-Release 15 mg and 30 mg for Low Back and Neck Pain Associated With Muscle Spasm"; Abstract and Poster Presentation; American Pain Society 27th Annual Meeting; Tampa, Florida; May 8-10, 2008
- "Efficacy of Cyclobenzaprine Hydrochloride Extended-Release 15 mg and 30 mg Once-Daily For Low Back and Neck Pain Associated with Muscle Spasms: A Pooled Analysis of Two Randomized, Double-Blind, Parallel-Group, Placebo-Controlled, Multicenter Studies"; Abstract and Poster Presentation; American Academy of Pain Medicine Annual Meeting; Orlando, Florida; February 2008; Pain Medicine, Volume 9 No. 1, 2008
- "Treatment of Chronic Neck Pain Using Polymer-Coated Extended-Release Morphine Sulfate Capsules"; 67th Annual Assembly of the AAPM&R; Honolulu, Hawaii; November 9-12, 2006

PRESENTATIONS & PUBLICATIONS continued

- "Use of Kadian® (morphine sulfate extended-release) Capsules for chronic non-malignant pain in patients aged \geq 75 years"; Abstract and Poster Presentation; American Pain Society 25th Annual Meeting; San Antonio, Texas; May 3-6, 2006
- "Treatment of chronic moderate-to-severe non-malignant pain with polymer-coated extended-release morphine sulfate capsules"; Current Medical Research and Opinions, Volume 22 No, 3, 2006; pages 539-550
- "Treatment of chronic, moderate to severe, non-malignant pain with KADAIN® using individualized doses and dosing frequencies"; Abstract and Poster Presentation; Southern Medical Association (SMA) 99th Annual Scientific Assembly; November, 2005; San Antonio, Texas
- "Long-term effects of extended-release morphine sulfate (Kadian®) vs controlled-release oxycodone HCL (OxyContin®) on relief of moderate to severe pain"; Abstract and Poster Presentation; American Academy of Physical Medicine & Rehabilitation (AAPM&R) 66th Annual Assembly; October 2005; Philadelphia, PA
- "Dealing with Treatment Adherence Issues in Acute Conditions"; Resident & Staff Physician; August, 2005
- "Efficacy and tolerability of polymer-coated sustained-release morphine sulfate (KADIAN®) at doses of 200 mg/day or greater in the treatment of moderate to severe noncancer pain"; Abstract and Poster Presentation; American Academy of Nurse Practitioners; June 2005; Fort Lauderdale, FL
- "Factors Impacting Kadian ® once-twice-daily dosing regimens: Analysis from the Kronus-MSP trial"; The Journal of Pain; March 2005
- "The concordance of patient and physician satisfaction with Kadian ® (morphine-sulfate sustained-release capsules) in the treatment of chronic, non-malignant, moderate to severe pain"; The Journal of Pain; March 2005
- "Treatment of neuropathic pain with Kadian ® in poor responders to other pain medications"; " ; The Journal of Pain; March 2005
- "The Efficacy and Tolerability of Kadian ® (morphine-sulfate sustained-release capsules) in Elderly Patients With Persistent Non-malignant Moderate / Severe Pain"; Abstract and Poster Presentation; 2005 Annual Scientific Meeting of the American Geriatrics Society; May, 2005; Orlando, FL

PRESENTATIONS & PUBLICATIONS continued

- "Effect of Demographic Factors and Outcomes on Kadian ® Once- or Twice- Daily Dosing"; Poster Presentation at the American Academy of Pain Medicine Meeting, 2005; Palm Springs, CA
- "Non-Surgical Management of Low Back Pain"; March 2005; Institute of Continuing Legal Education in Georgia
- "Improved quality of life with Kadian ® (morphine sulfate sustained-release capsules) in patients with chronic non-malignant, moderate/severe pain: The KRONUS-MSP Trial; Poster Presentation at the American Society of Regional Anesthesia & Pain Medicine Meeting, 2004; Phoenix, Arizona
- "Patients With Chronic, Non-malignant, Moderate/Severe Pain Can Be Successfully Switched from Other Sustained-Release Morphine or Oxycodone Compounds to Kadian ® (morphine sulfate sustained-release capsules): The KRONUS-MSP Trial; Poster Presentation at the American Pain Society Meeting, 2004; Quebec, Canada
- "Assessing Quality of Life: Focus on Sustained-release Opioids"; 2004; The Royal Society of Medicine Press; The Clinical Journal of Pain
- "Assessing Pain: Focus on Sustained-release Opioids"; 2003; The Royal Society of Medicine Press
- "New Advances in Interventional Pain Management"; June 2003; Essentials of Pain Management for the Practicing Clinician; North Shore Long Island Jewish Health System; New York, New York
- "Non-Surgical Management of Back & Neck Pain"; February 2003; Institute of Continuing Legal Education in Georgia (I.C.L.E.)
- "The 10-Minute Examination for Low Back Pain"; *The Journal of Musculoskeletal Medicine*; December, 2002
- "Issues in Workers' Comp; Aggravation of a Pre-Existing Injury vs. a New Injury; 2002-2003; lectures to various organizations and insurance companies, locally and nationally
- "Non-Surgical Management of Low Back Pain"; 1999-2003; lectures to various organizations and insurance companies, locally and nationally
- "Management of Soft Tissue Injuries"; February 2002; Institute of Continuing Legal Education in Georgia (I.C.L.E.)
- "Non-Surgical Treatment for Low Back Pain"; August 1999; Georgia Annual Workers' Compensation Seminar, Atlanta;
- "Non-Surgical Treatment for Low Back Pain"; June 1998; Southeastern Society of Family Physicians Annual Meeting; Aruba

PRESENTATIONS & PUBLICATIONS continued

- "Non-Surgical Treatment for Low Back Pain"; October 1997, 1998, 2002; Georgia Academy of Family Physicians Annual Meeting; Atlanta, Georgia
- "Fibromyalgia and Workers' Compensation Injuries"; October 1997; GSIA Annual Meeting; Calloway Gardens, Georgia
- "Degenerative Spine Conditions; Non-Surgical Treatment of Back Pain"; August, 1997; Atlanta Arthritis Foundation
- Monthly seminars and lectures to insurance and industry on back pain and workers' compensation injuries; 1993-present
- REHAB REVIEW**; Editor, quarterly newsletter on Orthopaedic Rehabilitation, 1994-2008
- "Rehabilitation of the Chronic Pain Patient"; April 1994; 6th International Congress - Pain Clinic; Atlanta, Georgia
- "Rehabilitation of Neck and Shoulder Pain"; April 1994; 6th International Congress - Pain Clinic; Atlanta, Georgia
- "Low Back Pain: Prevention and Management"; Monthly Seminars, September 1993-2006
- "Rehabilitation in the 90's"; August, 1993; presented at the Cobb County Women's Insurance Auxiliary Meeting
- "Functional Restoration Programs for Chronic Pain Management"; February, 1993; Presented at the Private Rehabilitation Suppliers of Georgia Seminar
- "Limb Lengthening by the Ilizarov Technique"; September 1991; Pediatric Ground Rounds at Mt. Washington Pediatric Hospital
- Brachial Plexus Injuries in Children"; February 1991; Grand Rounds at the National Rehabilitation Hospital
- "Public Policy Issues in Rehabilitation: A Model for Increased Resident Awareness"; Archives of Physical Medicine and Rehabilitation, September 1990
- "Public Policy Issues in Rehabilitation: A Model for Resident Participation"; May 1990; Presented at the Pennsylvania Society of PM&R Annual Meeting
- Protocol No. CL-033-III-06 – Multicentre, Randomized, Double-Blind, Placebo-Controlled Study of Safety and Efficacy of Epicutaneously applied Diractin® (ketoprofen in Transfersome gel®) For the Treatment of Osteoarthritis of the Knee. (IDEA/Chiltern). 5/2008.
- Protocol No. XP110448 – A Dose-Response Study of XP13512, Compared With Concurrent Placebo Control and Pregabalin (Lyrica®), in Subjects With Neuropathic Pain Associated With Diabetic Peripheral Neuropathy (DPN). (GlaxoSmithKline) 3/2008.
- Protocol No. NMT 1077-302 – A Phase III, Flexible-Dose Titration Followed by a Randomized Double-Blind Study of Controlled-Release OROS Hydromorphone HCl (NMED-1077) Compared to Placebo in Patients with Osteoarthritis Pain. (Neuromed / PPD Development). 2/2008.
- Protocol No. 3200A3-2201-US: A Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study of ORAL MOA-728 for the Treatment of Opioid-Induced Bowel Dysfunction in Subjects with Chronic Non-Malignant Pain. (Wyeth). 12/2007.

RESEARCH EXPERIENCE

- Protocol TD-07-14: The efficacy and safety of TDS-943 in the treatment of osteoarthritis of the knee: Pivotal Study II. (Wyeth Consumer Healthcare). 10/2007
- Protocol No. R331333-PAI-301- Open-Label Extension, Single-Arm, Flexible-Dosing, Phase III Trial with CG5503 Extended-Release (ER) in Subjects with Moderate to Severe Chronic Pain. (Johnson & Johnson PRD). 11/2007.
- Protocol No. BUP3025: A Multi-center, Randomized, Double-blind, Placebo-controlled Study with an Open-label Run-in Assess the Efficacy, Tolerability, and Safety of BTDS 10 or BTDS 20 Compared to Placebo in Opioid-naïve Subjects with Moderate to Severe, Chronic Pain due to Osteoarthritis of the Knee. (Purdue Pharma / PRA International) 10/2007.
- Protocol No. - SPI/0211OBD-0631: A multi-center, Randomized, Placebo-Controlled, Double-Blinded Study of the Efficacy and Safety of Lubiprostone in Patients with Opioid-induced Bowel Dysfunction. (Sucampo/Covance). 10/2007.
- Protocol No. - SPI/0211OBD-06S1: A multicenter, open-labeled study of the long-term Safety and Efficacy of Lubiprostone in Patients with Opioid-induced Bowel dysfunction. (Sucampo/Covance). 2007.
- Protocol No. 3200K1-3356-WW: A Multi-center, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study of Subcutaneous MOA-728 for the Treatment of Opioid-Induced Constipation in Subjects with Chronic Non-Malignant Pain. (Wyeth). 2007.
- Protocol No. - NAL-20: Randomized, double blind placebo controlled dose escalation study of the analgesic efficacy of Nalbuphine-ER in patients with Chronic Pain Secondary to Osteoarthritis of the Knee/Hip. (Penwest Pharmaceuticals Co. / i3 Research). 2007.
- Protocol No. - HTF919N2302, entitled "An open label 52-week study to evaluate the safety and efficacy of tegaserod (6 mg b.i.d. and 12 mg o.d.) given orally for the treatment of opioid-induced constipation (OIC) in patients with chronic non-cancer pain (Novartis). 2007.
- Protocol No. - ALO-KNT-302. A Long-Term, Open-Label, Safety Study of Kadian NT (Morphine Sulfate Plus Naltrexone Hydrochloride Extended-Release) Capsules in Subjects with Chronic Moderate to Severe Nonmalignant Pain. (Alpharma / INC Research). 2006.
- Protocol No. - ALO-KNT-301. A Multicenter, Randomized, Placebo-Controlled, Phase 3 Efficacy Study of Kadian NT(Morphine Sulfate Plus Naltrexone Hydrochloride Extended-Release) Capsules in Subjects with Moderate to Severe Chronic Pain Due to Osteoarthritis of the Hip or Knee. (Alpharma / INC Research) 2006.

RESEARCH EXPERIENCE continued

- Protocol No. - R331333-PAI-3011 A Randomized Double-Blind, Placebo- and Active-Control, Parallel-arm, Phase III Trial with Controlled Adjustment of Dose to Evaluate the Efficacy and Safety of CG5503 Extended-Release (ER) in Subjects with Moderate to Severe Chronic Low Back Pain. Protocol (Johnson & Johnson PRD). 2007.
- Protocol No. - 3200A3-200-WW A Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study of Oral MOA-728 For the Treatment of Opioid-Induced Bowel Dysfunction in Subjects With Chronic Non-Malignant Pain (Wyeth Pharmaceuticals). Phase II. 7/200
- Protocol No. - EN3269-302 A Randomized, Double-Blind, Placebo-Controlled, Parallel Group Phase III Study of the Efficacy, Tolerability and Safety of Ketoprofen Topical Patch (KTP) in the Treatment of Pain Associated with Tendonitis or Bursitis of the Shoulder, Elbow or Knee (Endo Pharmaceuticals / PPD Development). 6/2006.
- "A Randomized, Double-Blind, Placebo-Controlled, Multicenter Phase 3 Study to Evaluate the Efficacy and Safety of Alvimopan 0.5mg Twice Daily for 12 Weeks for the Treatment of Opioid-Induced Bowel Dysfunction in Adults taking Opioid Therapy for Persistent Non- Cancer Pain (9/2005) SB-767905/012
- A Randomized, Double-Blind, Placebo-Controlled, Multicenter Phase 3 Study to Evaluate the Long-Term Safety of Alvimopan 0.5mg Twice Daily for 12 Months for the Treatment of Opioid-Induced Bowel Dysfunction in Adults taking Opioid Therapy for Persistent Non-Cancer Pain. (9/2005) SB-767905/014
- A Randomized, Multicenter, Double-Blind, Placebo-Controlled, Two-Week Study to Assess the Safety and Efficacy of HKT-500 in Subjects with Pain from Moderate Lateral Epicondylitis. (6/2005). HKT-500-US05.
- A Randomized, Multicenter, Double-Blind, Placebo-Controlled, Two-Week Study to Assess the Safety and Efficacy of HKT-500 in Subjects with low back pain. (6/2005). HKT-500-US04.
- A Phase III Pivotal, Multi-center, Double-Blind, Randomized, Placebo-Controlled Monotherapy Study of (Study Drug) for Treatment of Fibromyalgia. Forest Laboratories / Scirex. (MLN-MD-02), Oct. 2004
- A Mutli-Center, Randomized, Double-Blind, Placebo Controlled, Parallel Comparison of the Efficacy and Safety of Fixed-Dose Extended Release Hydrocodone Bitartrate / Acetaminophen in the Relief of Moderate to Moderately Severe Chronic Osteoarthritis Pain of the Hip or Knee (Phase III) PPD Development / Watson Laboratories (Protocol HA03028), Aug. 2004
- A Randomized, Double-Blind, Placebo-Controlled, Multicenter Phase IIb Study to Evaluate the Efficacy and Safety of Multiple Alvimopan Dosage Regimens for the Treatment of Opioid-Induced Bowel Dysfunction in Subjects with Chronic Pain of Non-Malignant Origin; GlaxoSmithKline; Aug. 2004
- A Multicenter, Randomized, Double-Blind, Active Comparator Study to Determine the Efficacy and Safety of BTDS 20 and OxyIR® versus BTDS 5 in Subjects with Moderate to Severe Osteoarthritis (OA) Pain. Purdue Pharma. /2004 (BUP3019)
- Flexeril® Community Based Study. Kendle / McNeil. 3/2004 (Protocol 19-401).

RESEARCH EXPERIENCE continued

- A Randomized, Parallel-Design, Multicenter Study To Evaluate The Efficacy of Avinza® vs Oxycontin® For The Treatment of Chronic Low Back Pain. Scirex / Organon. 3/2004 (Protocol 178900)
- A Phase III, Randomized, Double-Blind, Fixed Dose, Parallel-Group Comparison of Controlled-Release Hydromorphone Hydrochloride (HCL) vs. Placebo in Subjects With Osteoarthritis; Abbott / Scirex, 1/2004 (M03-644)
- A 4 Week, Randomized, Double-Blind, Placebo Controlled, Parallel Group, Multicenter Study of SD-6010 in Subjects With Symptomatic Osteoarthritis of the Knee; Pfizer, 1/2004 (A6171009)
- A Multicenter, Randomized, Double-Blind, Active Comparator Study to Determine the Efficacy and Safety of BTDS 20 and Oxy IR®vs. BTDS 5 in Subjects With Moderate to Severe Osteoarthritis (OA) Pain; Purdue Pharma, 1/2004 (3019)
- A Phase IIIb, Open-Label, Multicenter Study to Evaluate the Safety of 1.0 mg./kg. Subcutaneously Administered Efalizumab (Raptiva) in Adults with Moderate to Severe Plaque Psoriasis, Including Those Who Are Receiving Concomitant Antipsoriatic Therapies or Have Recently Transitioned From Systemic Therapies. Genetech Inc./ Parexel 1/2004 (ACD2782g)
- A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multicenter Study to Determine the Efficacy and Safety of the Buprenorphine Transdermal Delivery System (BTDS) in Subjects with Moderate to Severe Osteoarthritic Pain of the Hip or Knee. Purdue Pharma. 8/2003. (BUP3012)
- An Open-Label, Long-Term Effectiveness and Safety of Oxymorphone Extended Release Tablets in Patients with Cancer or Neuropathic Pain. Endo Pharmaceuticals Inc., 8/2003. (EN3202-029)
- A Randomized, Double-Blind, PlaceboControlled Multicenter Study of the Analgesic Efficacy of Celecoxib Compared to Placebo in Patients With Chronic Low Back Pain; Pfizer; 2003 (KND073)
- An Open-label, Large Sample Usual Care Study of the Effect of Adding Rofecoxib 50mg. to a Regimen of Selected Opioid Analgesic PRN in Patients Undergoing Selected Outpatient Surgical Knee Arthroscopy Procedures; Merck; 2003
- A Randomized, Double-Blind, Parallel-Group, Active-Controlled, Placebo-Controlled, Multicenter Trial to Study the Efficacy and Safety of Cyclobenzaprine HCl Modified-release (CMR) 15 mg and 30 mg in Subjects with Pain due to Muscle Spasms of Local Origin; ECR Pharmaceuticals: 2002-2003 (IBA033)
- A Three-arm Study Comparing the Analgesic Efficacy & Safety of Tramadol HCl OAD Tablets at doses of 100 mg or 200 mg and Placebo for the treatment of Pain due to Osteoarthritis of the Knee; Merck; 2002-2003 (MCK033)
- A 12-week Randomized, Placebo- and Active Comparator-Controlled, Parallel-Group, Double-Blind Study to Assess the Safety and Efficacy of Etoricoxib 30 mg Versus Ibuprofen 2400 mg in Patients With Osteoarthritis; 2003

RESEARCH EXPERIENCE continued

- A Randomized, Double-Blind, Placebo-Controlled, Multicenter Study to Determine the Efficacy and Safety of BTDS in Subjects With Moderate to Severe Chronic Osteoarthritis Pain of the Hip or Knee; BUP 3012; Purdue Pharma; 2003 (PRD012)
- Safety Evaluation of D-TRANS® Fentanyl with Naltrexone HCL in Opioid-Tolerant Patients; Johnson & Johnson; 2003 (JJX004 / JJX007)
- A Usual Care, Multicenter, Open-Label, Randomized, 4-Month Parallel-Group Trial to Compare the Impact of Therapy with OxyContin ® (Controlled-Release Oxycodone) vs. Usual Care (Percocet ®) on Health Outcomes and Resource Utilization in Subjects with Moderate to Severe Osteoarthritis Pain of the Hip or Knee; Purdue Pharma; 2002 (COV056)
- A Randomized, Double-Blind, Multicenter Study to Evaluate the Tolerability and Effectiveness of Entoricoxib 90 mg. qd vs. Diclofenac 50 mg. tid in Patients with Osteoarthritis; Merck; 2002 (MC029)
- A Randomized, Double-Blind, Active-Comparator-Controlled, Parallel-Group Study to Evaluate the Safety of Etoricoxib Phase II Study on Analgesic Efficacy, Safety, and Tolerability of AZD3582: A 6 Week, Double Blind, Randomized, Placebo-Controlled, Dose-Finding, Multicentre Study Comparing AZD3582 with Rofecoxib (Vioxx ®) in Subjects With Osteoarthritis of the Hip or Knee; Astra Zeneca; 2002 (ZEN010)
- A Multicenter, Randomized, Double-Blind, Active- and Placebo-Controlled. Phase II Dose Escalation, Efficacy and Safety Study of Oxycodone HCL and Low-Dose Naltrexone-HCL in Patients with Moderate to Severe Chronic Pain Due to Osteoarthritis of the Hip or Knee; ECR Pharmaceuticals; 2002 (SCX038)
- Kronus-MSP Trial; Response of Non-Malignant, Under-treated Subjects with Moderate/Severe Pain; Faulding; 2002
- Kronus-MSP Companion Trial; Response of Non-Malignant, Under-treated Subjects with Moderate/Severe Pain; Faulding; 2002
- A 12 Week Randomized, Double-Blind, Placebo-Controlled, Multicenter Study of Analgesic Efficacy of XXXXX Compared to Placebo in Patients with Chronic Low Back Pain; Pharmacia UpJohn; 2002 (PUJ048)
- Dose Escalation of XXXX vs. Morphine in Opioid-Responsive Chronic Pain Patients; Endo Parmaceuticals; 2001 (KND035)
- 12-Month Rollover Extension Study for KND035; Endo Parmaceuticals; 2002 (KND039)
- A Comparison of XXX and XXX for the Treatment of Chronic Non-Malignant Pain; 1999
- A Double-Blind, Placebo Controlled, Parallel-Group, 12 Week Trial to Assess the Efficacy and Safety of XXX in Patients with Chronic Low Back Pain; 2000
- * Primary Investigator for national clinical trials with various pharmaceutical companies; 2000-2003; nTouch Research
- * CEO / Principal Investigator with Non-Surgical Orthopaedics, P.C. , Department of Research; 2003

ACADEMIC CONFERENCES

Southern Medical Association (SMA) 99th Annual Scientific Assembly; November, 2005;
San Antonio, Texas

American Academy of Physical Medicine & Rehabilitation (AAPM&R) 66th Annual Assembly;
October 2005; Philadelphia, PA

2005 Annual Scientific Meeting of the American Geriatrics Society; May, 2005; Orlando, FL

American Society of Regional Anesthesia & Pain Medicine Annual Fall Meeting; Phoenix,
AZ; November 2004

American Pain Society Annual Meeting; Vancouver, Canada; May 2004

Orthopaedic MRI National Symposium; Las Vegas, Nevada; April 2003

IntraDiscal ElectroThermal Therapy Training Workshop; Nashville, TN; March, 2000

American Back Society Annual Meeting; Las Vegas, Nevada; December 1999

UCLA Medical Acupuncture for Physicians; Los Angeles, California; May 1999; Washington
D.C.; October 1999

Interventional Pain Management Techniques-Intensive; Atlanta, Georgia; April 1998

AAPM&R 1997 Annual Meeting; Atlanta, Georgia

The Pain Clinic, 7th International Symposium; Istanbul Turkey; October 1996

AAPM&R 1995 Annual Meeting; Orlando, Florida

International Spinal Injection Society Lumbar Fluoroscopic Injection Workshop; San
Francisco, CA; March 1995

Pain Management: Alaska Anesthesia Symposium; Anchorage, Alaska; August 1994

American Back Society/University of Montreal: Cost Effective Back Care; Montreal,
Canada; June 1994

6th International Congress-Pain Clinic; Atlanta, Georgia; April 1994

Ohio State University College of Medicine Bonica Pain Conference; Maui, Hawaii; April
1994

American Back Society/San Francisco Spine Center: Cost Effective Back Care; San
Francisco, CA; December 1993

AAPM&R 1991, 1993 Annual Meetings; (Washington D. C. and Miami, Florida)

Exercise Rehabilitation of the Spine; University of Florida; June 1993

Principles of Manual Medicine; Michigan State University College of Osteopathic Medicine;
November 1992

American Pain Society Annual Meeting (1992); San Diego, California

Rehab Management Expo 1992; Long Beach, California

American Back Society Symposium on Back Pain (Fall 1991); San Francisco, California

AMA 1991 Interim Meeting, AAPM&R-RPS Delegate; Las Vegas, Nevada

AMA 1991 Annual Meeting, AAPM&R-RPS Delegate; Chicago, Illinois

PROFESSIONAL ASSOCIATIONS AND MEMBERSHIPS

Fellow, American Academy of Physical Medicine and Rehabilitation
American College of Physician Executives
American Association of Electrodiagnostic Medicine
American Academy of Disability Evaluating Physicians
American Medical Association
American Association of Orthopaedic Medicine
International Spinal Injection Society
American Academy of Pain Medicine
Georgia Society of PM&R
Medical Association of Georgia
Medical Association of Atlanta
Cobb County Medical Society
American College of Physicians and Surgeons
American Osteopathic Academy of Sports Medicine
Association of American Physicians and Surgeons
American Back Society
North American Spine Society

HOSPITAL AFFILIATIONS

Kennestone Wellstar Hospital
Northside Hospital
St. Joseph's Hospital
Wellstar Hospital at Windy Hill
Marietta Surgical Center
Health South Surgery Center of Atlanta
The Center for Spine Procedures, PC

PROCEDURES

Electrodiagnostic testing (**EMG/NCS**)
Cervical, thoracic, and lumbar **epidural steroid injections**
Transforaminal **selective nerve root injections**
Cervical, thoracic, and lumbar **facet injections**
Lumbar **sympathetic nerve blockade**
Lumbar and thoracic **discography**
Lumbar **spinal endoscopy / lysis of adhesions**
Intra-articular injections, including **Prolotherapy**
Trigger point and **Botox** injections
Medical **Acupuncture**
Annuloplasty / IntraDiscal ElectroThermal Therapy (IDET)
Lumbar Percutaneous Discectomy via Nucleoplasty, Disc Dekompressor, ElectroThermal Disc Decompression

ADDITIONAL AREAS OF EXPERTISE

Ergonomic assessments
Independent Medical Evaluations
Medical Record and Peer Reviews
Impairment and Disability Evaluations
Expert Witness and Medical Consultations
Media relations and public speaking

PROFESSIONAL ENDEAVORS

Developed international musculoskeletal and spine fellowship program. Focus is on diagnostic evaluation, injection procedures, and non-surgical orthopaedic care. 2000-present

Developed active web site ***www.lowbackpain.com***, an international resource for low back pain

Nationally recognized speaker on *The Non-Surgical Management of Back Pain*.

Nationally recognized speaker on *New Advances in Pain Management*

Medical Consultant and National Speaker for numerous Pharmaceutical Companies

Developed Research Department to conduct Phase II, III, IV Clinical Trials with pharmaceutical companies