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# John C. France, M.D.

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High School Education 1974-1978

Monongahela Valley Catholic High School, Monongahela, Pennsylvania

Graduated With Honors, 1974-1998

Undergraduate  
Education 1978-1982

University of Pennsylvania, Philadelphia, Pennsylvania

Degree: B.A., Magna Cum Laude in Chemistry

Honors/Activities: Alpha Epsilon Delta, Honor Society, Deans List (78-79,80-81,81-82), Varsity Football (80-82), Pi Lambda Phi Fraternity Social Director, Undergraduate Assembly (78-79)

Medical Education 1982-1986

University of Pittsburgh School of Medicine, Pittsburgh, Pennsylvania

Degree: M.D., Cum Laude, 1982-1986

Honors/Activities: Junior Alpha Omega Alpha, Hewlett Packard Top Medical Graduate Award, Harold Henderson Sankey Orthopaedic Award, Medical Assistant Annual Pittsburgh Marathon, Organizer Annual Student Golf Tournament

Internship 1986-1987

University of Pittsburgh, Pittsburgh, Pennsylvania

Department of General Surgery

Residency 1987-1991

State University of New York at Buffalo, Buffalo, New York

Department Orthopaedics Surgery

Fellowship	<p>1991-1992</p> <p>University of Colorado and Affiliated Hospitals, Denver Colorado</p> <p>Spine Surgery – Dr. A.P. Dwyer and Dr. T.G. Lowe</p>
Additional Training	<p>1994 – Present – Advanced Trauma Life Support Instructor</p> <p>1994 - October – Advanced Cardiac Life Support</p> <p>1993 – September – Advanced Trauma Life Support</p>
Board Certification	<p>1987 – Diplomate National Board of Medical Examiners</p> <p>Diplomate American Board of Orthopaedic Surgeons</p> <p>1991 - Written Exam Passed 99<sup>th</sup> Percentile</p> <p>1994 – Oral Exam Passed</p> <p>2002 – Recertification Board Exam Passed 98<sup>th</sup> Percentile</p>
Medical Licensure	<p>August 1995 – Present – West Virginia #18257</p> <p>August 1995 – Present – Pennsylvania #MD-056314-L</p> <p>August 1991 – 1997 – Colorado #31131</p>
Military Experience	<p><b>1983-1986</b> - Health Professions Scholarship Program</p> <p><b>1983</b> - Health Professions Officers Indoctrination Course</p> <p><b>1992-1995</b> – United States Air Force Active Duty at Wilford Hall Medical Center, Lackland AFB, Texas</p> <p>Joint Forces Expeditionary Medal</p> <p><b>1994</b> – Special Operations Uphold Democracy</p> <p><b>1993</b> – Combat Casualty Care</p> <p><b>1992</b> – Military Indoctrination of Medical Service Officers Course</p>
Professional Societies	<p>Monongalia County Medical Society</p> <p>West Virginia State Medical Association</p> <p>West Virginia Orthopaedic Society</p> <p>American Orthopaedic Association, Associate Fellow</p> <p>Cervical Spine Research Society, Active Member</p> <p>Orthopaedic Trauma Association, Active Fellow</p> <p>Scoliosis Research Society, Active Fellow</p> <p>North American Spine Society, Active Fellow</p> <p>Society of Military Orthopaedic Surgeons</p>

Committees-  
Local/Regional

American Academy of Orthopaedic Surgeons, Active Fellow  
AO Spine, Member  
**2009 – Present** - West Virginia University Medical School Admissions Committee  
**2006 – Present** – West Virginia University Medical Student Shadowing Program  
**2003 – 2008** - Continuing Medical Education Committee, West Virginia University School of Medicine  
**2003**– Care Management Steering Committee, West Virginia University Hospitals  
**2001-2004** – APMC – Medical Director of Department of Orthopaedic Surgery  
Promotion and Tenure Committee, Department of Orthopaedic Surgery and Department of Neurosurgery  
**1999** - West Virginia University School of Medicine Clinical Mission Committee  
**1998** – West Virginia University Rehabilitation Subcommittee  
**1998-Present** – West Virginia University Trauma Committee  
Ruby Memorial Hospital, Executive Committee Member-At-Large  
**1998** – West Virginia University Chairman Search Committee, Department of Medicine  
**1996-2004** – West Virginia University Hospital's Operating Room Clinical Effectiveness Committee  
**1997** – West Virginia University Hospital's Search Committee for Director of Trauma Surgery

Committees-  
National/International

**2010 – Present** – AO Spine Education Sub-Committee for On-Line Education  
**2010 – Present** – North American Spine Education Committee for AO Spine  
**2008 – Present** – AO Spine Fellowship Approval Sub-Committee  
**2007 – 2010** - AO International Marketing and Scientific Committee  
**2007** – Present – Cervical Spine Research Society Educational Committee  
**2006 – 2010** – AO Spine North American Board  
**2005-2006** – NASS Abstract Reviewer – Annual Meeting  
**2005-2007** – North American Spine Education Committee (NASEC) for AO Spine  
**2002-Present** – Spine Trauma Study Group  
**2003;2004;2006** – NASS Section Moderator  
**2003-Present** – AAOS Subcommittee on Anatomy and Imaging Self Assessment Exam  
**2000-2005** – AAOS Subcommittee On Adult Spine Evaluation, Adult Spine Self Assessment Exam

Faculty Appointments

**2009 – Present** – Director of West Virginia University Spine Center  
**2007-Present** – Vice Chairman West Virginia University Department of Orthopaedic Surgery  
**2006-Present** – Professor West Virginia University Department of Orthopaedic Surgery  
**2006-Present** – Professor West Virginia University Department of

Neurosurgery

**2006-Present** – Reviewer Spine

**2000-2006** – Associate Professor West Virginia University Department of Neurosurgery

**1999-2006** – Associate Professor West Virginia University Department of Orthopaedic Surgery

**1998-Present** – Clinical Assistant Professor of Orthopaedic Surgery, West Virginia School of Osteopathic Medicine

**1996-2000** – Associate Professor West Virginia University Department of Neurosurgery

**1995-1999** – Assistant Professor West Virginia University Department of Orthopaedic Surgery

**1995-Present** – Chief, West Virginia University, Orthopaedic Spine Surgery Service

**1993-Present** - AO/ASIF Faculty Member, Trauma and Spine

**1992-1995** – Staff Orthopedic Surgeon, Brooks Army Medical Center

**1992-1995** – Chief of Spine Surgery, Department of Orthopaedics, Wilford Hall Medical Center

**1992-1995** – Assistant Professor Uniformed Services University of Health Sciences

**1991-1992** – Instructor University of Colorado Health Sciences Center

Course Chairman

**2010** – West Virginia University Spine Conference for Primary Care Physicians, Morgantown, WV

**2009** – AO Spine Tumor Symposium, Houston, Texas

**2008** May – AO Spine Principles and Treatment of Spinal Disorders for Residents and Fellows, Course Director

**2007** – AO Spine Advanced Course, Sun Valley, Idaho

**2004** – AO Spine Trauma Course, Orlando, FL

**2001-2005** – OTA Resident Fracture Course, Spine Section

**1998** –AO ASIF Operating Room Personnel Course, Pittsburgh, PA

Visiting Professorships

**2010** – Henry Ford, Department of Orthopaedic Surgery, Detroit, Michigan

**2009** – Xian, China

**2009** – Harvard Combined Orthopaedic Surgery Program

**2008** – University of Virginia, Department of Orthopaedic Surgery

Course Faculty  
Positions/Invited  
Lectures

**2010** – AO Resident/Fellow Course, Dallas, Texas

**2010** – 8<sup>th</sup> Annual AO Spine Fellows Forum, Banff, Alberta, Canada

**2010** – AO Spine Advanced Concepts and Management of Spinal Disorders, Sun Valley, Idaho

**2010** – 6<sup>th</sup> Annual Evidence and Technology Spine Summit Steam Boat Springs, CO

**2010** – Doctors On Call, Television Program

**2009** – AO Principles and Treatment of Spinal Disorders for Residents and Fellows Course, Philadelphia, PA

**2009** – AO Global Spine Congress, San Francisco, CA

**2009** – Advanced Techniques for Complex Spinal Resection and Reconstruction: A Hands-on Cadaveric Course, Baltimore, MD

**2009** – AO Spine Masters Symposium, Davos, Switzerland

**2009** – OTA Comprehensive Fracture Course for Residents, Spine Section, San Diego, CA

**2009** - AO Spine Advanced Concepts and Management of Spinal Disorders, Sun Valley, Idaho  
**2009** – AO Advanced Concepts in Spine Surgery, Miami, Florida  
**2009** – 7<sup>th</sup> Annual AO Spine Fellows Forum, Banff, Alberta, Canada  
**2009** – Spine Trauma Study Group, Denver, Colorado  
**2009** – AO Advanced Principles and Techniques of Operative Fracture Management, Covington, KY  
**2008** - AO International Advanced Spine Course, Faculty, Davos, Switzerland  
**2008** – AO Spine Aging Spine Symposium, Philadelphia, PA  
**2008** – OTA Comprehensive Fracture Course for Residents, Spine Section, Denver, CO  
**2008** - 6<sup>th</sup> Annual AOSNA Spine Fellows Forum, Banff, Alberta, Canada  
**2008** – Spine Trauma Study Group  
**2008** August – 15<sup>th</sup> Advance Techniques in Cervical Spine Decompression and Stabilization, St. Louis, Missouri  
**2008** August – AO Course, Advanced Concepts in the Management of Spine Disorders, Monterey, California  
**2008** June – AO North American Strategy Summit, Coronado, California  
**2008** May – AO Spine Principles and Treatment of Spinal Disorders for Residents and Fellows  
**2008** – AO North America Spine Residents Course, Faculty, Houston, Texas  
**2008** - AO Spine Advanced Concepts and Management of Spinal Disorders, Sun Valley, Idaho  
**2007**- Spine Trauma Study Group/ASIA Meeting,  
**2007** - Physical Therapy West Virginia University, Lecturer, Morgantown, West Virginia  
**2007** – Orthopaedic Trauma Association Residents Course, Faculty, Boston, Massachusetts  
**2007** – AO International Advanced Spine Course, Faculty, Davos, Switzerland  
**2007** – AO Trauma Residents Course, Faculty, Atlanta, Georgia  
**2007** – AO North America – Asia Pacific Exchange Meeting, Hong Kong, Faculty  
**2007** West Virginia University Spine Conference, Roanoke, West Virginia  
**2007** – AO Spine Advanced Concepts Course Faculty and Course Evaluator, Niagara on the Lake, Ontario, Canada  
**2007** February – AO Spine North America, Advanced Concepts in the Management of Spinal Disorders, Sun Valley, Idaho  
**2007** January – Spine Trauma Study Group, Denver, Colorado  
**2006** December – Cervical Spine Research Society Instructional Course, West Palm Beach, Florida  
**2006** December – AO International Spine Meeting, Interactive Spine Course, Davos, Switzerland  
**2006** November – Cervical Spine Research Society 34<sup>th</sup> Annual Meeting, 11<sup>th</sup> Instructional Course, Management of Post-Operative Infections After Anterior Spinal Fusion, Palm Beach, Florida  
**2006** October – AO North America, Basic Principles and Techniques of Operative Fracture Management Course for Residents, Pittsburgh, Pennsylvania  
**2006** October – AO Spine North America, Advanced Concepts in the Management of Spinal Disorders, Scottsdale, Arizona  
**2006** September – Moderator for North American Spine Society 21<sup>st</sup> Annual Meeting, Seattle, Washington

**2006** June – American Spine Injury Association, Symposium- Management Challenges in Acute and Chronic Injuries of the Spine and Spinal Cord, Boston, Massachusetts

**2006** March – AORN Association of Peri-Operative Registered Nurses, Cervical Spine Trauma, Washington, DC

**2006** March – AO North America Nursing Continuing Education, Principles of Spinal Disorders for Operating Room Personnel, Chicago, Illinois

**2006** March – West Virginia State Trauma Symposium, Canaan Valley Resort, Davis, West Virginia

**2006** February – AO Advanced Concepts in the Management of Spinal Disorders, Sun Valley, Idaho

**2006** January – 18<sup>th</sup> Annual Contemporary Update on Disorders of the Spine, Whistler, British Columbia, Canada

**2005** November – An Interactive Spine Course Focusing on Contemporary Surgical Techniques in Spine Trauma, Faculty, Memphis, Tennessee

**2005** September – AO Spine Resident and Fellows Course, Boston, Massachusetts

**2005** August – AO Controversies in Spine Course, Monterey, California

**2005** July – Spinal Cord Injury, Healthsouth Mountainview Regional Rehabilitation Hospital, Morgantown, West Virginia

**2005** June – AO Spine Operating Room Personnel Course, Pittsburgh, Pennsylvania

**2005** May – ASIA Acute and Chronic Injuries of the Spine and Spinal Cord, Dallas, Texas

**2005** April – AO International Spine Symposium, Cancun, Mexico

**2005** March – AO Resident and Fellows Course, Las Vegas, Nevada

**2005** February – AO Controversies in Spine Surgery, Sun Valley, Idaho

**2005** – OTA Resident's Fracture Course, Spine Section, Ottawa, Ontario, Canada

**2005** – West Virginia University Spine Course, Morgantown, West Virginia

**2004** November – AO Faculty Symposium, Bermuda

**2004** October – Trauma Association Residents Fracture Course, Fort Lauderdale, Florida

**2004** August – AO Residents Spine Course, Chicago, Illinois

**2004** June – International Society for Study of Hand Surgery, Quest Lecture Distinguishing Cervical vs. Peripheral Neurological Complaints, Bucharest, Romania

**2004** April – AO Spine Trauma Symposium, Orlando, Florida

**2004** February – 4<sup>th</sup> Annual West Virginia Trauma Symposium, Spine Fractures in the Elderly, Davis, West Virginia

**2004** February – AO Concepts in the Management of Spinal Disorders, Sun Valley Resort, Sun Valley, Idaho

**2004** January – Fourth Annual Pittsburgh Spine Symposium, An Update for the Treatment and Prevention of Spinal Disorders, Pittsburgh, Pennsylvania

**2004** – Chairman, American Spinal Injury Association, Prevention of Late Spinal Deformity in Pediatric Patients, Denver, Colorado

**2003** November – AO Spine Course for Residents and Fellows, Principles of Bone Healing and Fusion, Pathomechanics of Degeneration, Portland, Oregon

**2003** October – Orthopaedic Trauma Association's 2003 Resident's Basic Fracture Course, Lower Cervical Spine Fractures, Salt Lake City, Utah

**2003** September – First Annual K. Douglas Bowers Lectureship in Orthopedics, Cervical Spine Injuries in Football Players, Morgantown, West Virginia

**2003** February – Kyphoplasty, Use of Inflatable Bone Tamp for Fracture Reduction for Physicians and Residents, Morgantown, West Virginia

**2003** February – West Virginia Orthopaedic Society (WVOS) Mid-Winter Meeting, Charleston, West Virginia

**2003** January – AO Resident's Spine Course, Washington, DC

**2003** January – State Trauma Meeting, "Missed" Cervical Fractures, Canaan Valley, West Virginia

**2002** December – AO Interactive Spine Course, Davos, Switzerland

**2002** November – Kyphx Inflatable Bone Tamp, A Treatment Option for Vertebral Compression Fractures, Lecture to Physicians, Physician's Assistants, Nurses, and Chiropractors, Morgantown, West Virginia

**2002** November – ATLS Courses, Spine and Spinal Cord Injuries, Identification of Spine Injuries, Morgantown, West Virginia

**2002** October – OTA Resident's Basic Fracture Course, Director of Spine Section, Toronto, Canada

**2002** September – Kyphon Inflatable Bone Tamp; A Treatment Option for Vertebral Fractures, Lecture to Physicians, and Physical Therapists, Masontown, Pennsylvania

**2002** June – AO Basic Spine Course for Operating Room Personnel, Rochester, New York

**2002** April – AO Spine Trauma Symposium, Washington, DC

**2002** April – AO Comprehensive and Interactive Spine Courses, Faculty, Coronado, California

**2001** October – OTA Resident's Course, Spine Section Director, San Diego, California

**2001** September – Spinal Cord Injury, Monongalia County EMS, Morgantown, West Virginia

**2001** September – AO/ASIF Comprehensive and Interactive Spine Course, Faculty, Marco Island, Florida

**2001** February – Surgical and Post Surgical Management of Low Back Syndrome, Lecture to Physical Therapy Students, Morgantown, WV

**2001** January – First Annual Pittsburgh Spine Symposium, Posterior Interbody Fusion, Pittsburgh, Pennsylvania

**2000** December – EBI Spine Course, Efficacy of Direct Current Stimulation on Intertransverse Process Fusions in a Rabbit Model, New York, New York

**2000** October – Surgical Approaches to Back Pain, A Physician Symposium, Martinsburg, West Virginia

**2000** October – OTA Resident's Fracture Course, Evaluation of Spine Fracture Patients, Director of Halo Lab, San Antonio, Texas

**2000** August – 6<sup>th</sup> Annual BAMC Trauma Symposium, Spine Injuries, San Antonio, Texas

**2000** July – AO/ASIF Principles of Fracture Management Course for Residents, Chicago, Illinois

**2000** June – ATLS Courses, Spine and Spinal Cord Trauma and X-ray Identification of Spine Injuries, Morgantown, West Virginia

**1999** November – Fifth Cost Effective Evaluation and Management of Low Back Pain, Morgantown, West Virginia

**1999** August – West Virginia State Neurosurgical Society Annual Meeting, Surgical Approaches to the Spine, Charleston, West Virginia

**1999** June – Anesthesia Grand Rounds, Pathophysiology and Treatment of Spinal Cord Injury, Morgantown, West Virginia

**1998** November – Fourth Annual Cost Effective Evaluation and

Management of Lower Back Pain, Morgantown, West Virginia  
**1998** August – AO/ASIF Principles of Fracture Management for Residents, Atlanta, Georgia  
**1998** June – AO/ASIF Principles of Fracture Management for Operating Room Personnel, Pittsburgh, Pennsylvania  
**1997** October – Orthopaedic Reunion Day, Treatment Options for Complex Fracture of the Proximal Femur, Morgantown, West Virginia  
**1997** October – Hal Wanger Family Medicine Conference, Low Back Pain, When to Refer, Morgantown, West Virginia  
**1997** July – AO/ASIF Spinal Instrumentation, Indications, Techniques and Hands-On Practice, Quebec City, Canada  
**1997** May – Spine Trauma Overview for 10<sup>th</sup> Annual Trauma Conference and Pre-Hospital Care Symposium, Morgantown, West Virginia  
**1997** April – EBI Meeting, Current Concepts in the Use of Pedicle Screw Fixation for Lumbar Spine Fusions, Las Vegas, Nevada  
**1997** – West Virginia University School of Physical Therapy, Surgical Management and Post-Surgical Treatment of Patients With Low Back Syndrome, Morgantown, West Virginia  
**1996** November – ATLS Courses, Morgantown, West Virginia  
**1996** June – ATLS Courses, Morgantown, West Virginia  
**1996** – West Virginia University General Surgery Grand Rounds Lecture, Morgantown, West Virginia  
**1996** – West Virginia University Department of Medicine Grand Rounds Lecture, Thoracolumbar Spine Trauma, Morgantown, West Virginia  
**1996** – Health Sciences Center Public Seminar, Low Back Pain, Morgantown, West Virginia  
**1996** – West Virginia University Emergency Physician Grand Rounds Lecture, West Virginia University Hospital, Morgantown, West Virginia  
**1996** – Doctors On Call, WPNB Television Show on The Back, Panelist, Morgantown, West Virginia  
**1996** – Lecture to Jackson General Hospital, Surgical Management of Low Back Pain Syndrome, Ripley, West Virginia  
**1996** – MDTV Lecture to Grant Memorial Hospital Outreach, Lecture, Surgical Management of Low Back Pain Syndrome, Morgantown, West Virginia  
**1995** – Society of Military Orthopaedics Surgeons 37<sup>th</sup> Annual Meeting, Spine Papers Discussion, Vail, Colorado  
**1995** – Cost Effective Evaluation and Management of Lower Back Pain Symposium, Lumbar Spine Stenosis and Spondylolisthesis, Morgantown, West Virginia  
**1995** – USAF School of Aerospace Medicine Occupational Medicine Course, Occupational Low Back Pain, Brooks AFB, Texas  
**1994** – Society of Military Orthopaedic Surgeons Meeting, Specialty Day Faculty, Hilton Head, South Carolina  
**1994** – Air Force Clinical Surgeons Meeting, Moderator, San Antonio, Texas  
**1994** – USAF Physical Therapist Refresher Course, Surgical Considerations in the Management of Low Back Pain, San Antonio, Texas  
**1993** – AO Trauma Basic Course, San Antonio, Texas  
**1992** – Advanced Course on the Surgical Management of Disorders of the Spine Utilizing CD Instrumentation, Vail Colorado

**Presentations-National**

**2010** – Anterior vs. Posterior Fixation of Thoracolumbar Fractures for Instructional Course Lecture 329, Thoracolumbar Fracture: Evaluation and Management from ER to Rehab

**France JC**, AAOS, New Orleans, Louisiana

**2010** – Treatment of Upper Cervical Fractures for Instructional Course Lecture 350, Traumatic Injuries of the Cervical Spine: Controversies and Updates

**France JC**, AAOS, New Orleans, Louisiana

**2009** - Anterior vs. Posterior Fixation of Thoracolumbar Fractures for Instructional Course Lecture 163, Thoracolumbar Fracture: Evaluation and Management from ER to Rehab

**France JC**, AAOS, Las Vegas, Nevada

**2009** – Low Dose Nicotine Exposure Improves Spinal Fusion in an in Vivo Rabbit Model

France JC, Daffner SD, Smalley C, Waugh S, Norman T, Clovis N, Kish C, Mukherjee N

24<sup>th</sup> Annual NASS, San Francisco, CA

**2009** – Nicotine Increases Osteoblast Activity in in Vitro Cell Culture in a Dose Dependent Manner

Daffner SD, **France JC**, Smalley C, Waugh S, Norman T, Smith S, Clovis N, Kish C, Mukherjee N

24<sup>th</sup> Annual NASS, San Francisco, CA

**2009** – Nicotine Increases Osteoblast Activity in In Vitro Cell Culture and Improves Posterior Spinal Fusion in an In Vivo Rabbit Model in a Dose Dependent Manner

**France JC**, Daffner SD, Smalley C, Waugh S, Norman T, Clovis N, Smith S, Kish C, Mukherjee N

AO Global Spine Congress, San Francisco, CA

**2009** - Treatment of Upper Cervical Fractures for Instructional Course Lecture 209, Traumatic Injuries of the Cervical Spine: Controversies and Updates

**France JC**, AAOS, Las Vegas, Nevada

**2008** – Odontoid Fractures in the Elderly: A Retrospective View of Complications and Outcomes

**France JC**, Powell E, Jones DL, Emery SE,

Special Interest Paper Presentation 23<sup>rd</sup> Annual NASS Meeting, Toronto, Canada

**2008** - Anterior vs. Posterior Fixation of Thoracolumbar Fractures for Instructional Course Lecture 329, Thoracolumbar Fracture: Evaluation and Management from ER to Rehab

**France JC**, AAOS, San Francisco, CA

**2008** - Treatment of Upper Cervical Fractures for Instructional Course Lecture 350, Traumatic Injuries of the Cervical Spine: Controversies and Updates

**France JC**, AAOS, San Francisco, CA

**2005** – Early Weight Bearing for Treatment of Pediatric Tibia Fractures Ackerman, Jenkins. **France**, Jones, Jones AAOS, Washington DC

**2005** – A Prospective Comparison of Helical CT Scan vs. Plain Films

Plus CT for Initial Evaluation in the Trauma Patient  
**France**, McCulloch Orthopaedic Trauma Association  
Ottawa, Ontario, Canada

**2004** – Cervical Laminoplasty: The Micro-Plate Open Door Technique Described and Reviewed  
Fumich F, **France JC**, Ducker TB  
American Academy of Orthopaedic Surgeons Meeting, San Francisco, CA

**2004** - A Prospective Comparison of Helical CT Scan vs. Plain Films Plus CT for Initial Evaluation in the Trauma Patient  
**France J**, McCulloch P  
Cervical Spine Research Society, Boston, Massachusetts, North American Spine Society, Philadelphia, Pennsylvania

**2003** – Micro Plate Laminoplasty for Cervical Stenosis, A Technical Note  
Fumich F, **France JC**, Ducker TB  
Argos North America Conference, Farmington, Pennsylvania

**2000** – Utility or Futility of Cervical Flexion-Extension Radiographs in the Trauma Patient for Evaluating Cervical Spine Injury  
Patel S, McCulloch P, Hubbard DF, **France JC**, Davalos, Western Trauma Association Conference, Lake Tahoe, California

**1995/1996/1997** – A Randomized, Prospective Study of Lumbar Fusion Outcome With and Without Pedicle Screw Instrumentation.  
**France JC**, Yaszemski MJ, Laueran WC, Cain JE, Glover JM  
Lawson K, Topper S  
American Academy of Orthopaedic Surgeons Specialty Day, San Francisco, California, 1997  
North American Spine Society  
11<sup>th</sup> Annual Conferences, Vancouver, BC, 1996  
Society of Military Orthopaedic Surgeons  
37<sup>th</sup> Annual Meeting, Vail, Colorado, 1995

**1994/1995** – Job Related Outcome of Lumbar Discectomy in Active Duty Military Members  
Jordan TF, **France JC**, Kaylor KL  
American Academy of Orthopaedics Surgeons Meeting, Orlando, 1995  
Society of Military Orthopaedic Surgeons 36<sup>th</sup> Annual Meeting, Hilton Head, 1994

**1994/1995** – The Use of Intrathecal Morphine for Analgesia following Lumbar Spine Fusion: A Prospective, Double Blind, Placebo Controlled Study.  
**France JC**, Jorgensen SS, Lowe TG, and Dwyer AP  
North American Spine Society, Washington DC, 1995  
Society of Military Orthopaedic Surgeons 36<sup>th</sup> Annual Meeting, Hilton Head, SC, 1994

**1993/1994** – A Prospective Analysis of Autograft in Posterolateral Lumbar Fusion in the Same Patient: A Minimum of One-Year Follow-Up in 144 Patients.  
Jorgensen SS, Lowe TG, **France JC**, and Gomez MA  
American Academy of Orthopaedic Surgeons Meeting, New Orleans,

1994

Annual Meeting of the North American Spine Society, San Diego, California, 1993

**1993** – The Influence of Annulotomy Selection of Disc Histologic Analysis

Ethier DB, Cain JE, Yaszemski MJ, Glover JM, Klucznik RE, Pyka RE, Lauerman WC, and **France JC**

20<sup>th</sup> Annual Meeting of the International Society for Study of the Lumbar Spine, Marseilles, France

**1992** – Allograft versus Autograft in Lumbar Spinal Fusion

**France JC** and Lowe TG

Advanced Course on the Surgical Management of Disorders of the Spine Utilizing CD Instrumentation, Vail, Colorado

**1991** – Delayed Union With Unreamed Tibial Rods in Open Fractures

Kassman S, Bone LB, Stegemann P, and **France JC**

Annual Orthopaedic Trauma Association Meeting, Seattle, Washington

**1986** – Measurement of Brachial Plexus Strain in Arthroscopy of the Shoulder

Klein AH, **France JC**, Mutschler TA, and Fu FH

Arthroscopy Association of North America, San Francisco, California

Presentations-  
State/Regional

**2010** – Reconstruction of a Tissue-specific Extracellular Matrix for Enhancing Nucleus Pulposus Cell Proliferation and Redifferentiation Capacity

Ming Pei, PhD, Fan He, BA, Scott D. Daffner, MD, **John C. France, MD**

NASS Annual Meeting, Orlando, FL

**1999** – Spinal Fusion Cages: The New Frontier

**France JC**

WV Orthopaedic Society, Charleston, WV

**1997** – Current Controversies in Thoracolumbar Spine Fractures

**France JC**

WV Orthopaedic Society, Charleston, WV

**1995** – The Use of Intrathecal Morphine for Analgesia Following Lumbar Spine Fusion; A Prospective, Double-Blinded Placebo Controlled Study

**France JC**, Lowe TG, Jorgensen SS, Dwyer AP

North American Spine Society 10<sup>th</sup> Annual Conference, Washington DC

**1993** – Allograft versus Autograft in Lumbar Spinal Fusion

**France JC** and Lowe TG

Orthopaedic Guild Meeting, San Antonio, TX

**1991** – Early Results of the Isola Spinal Implant System in the Lumbar Spine

**France JC** and Lowe TG

Colorado Spring Symposium, Denver, CO

Posters

**1990** – Supracondylar Fractures of the Humerus in Children; A Ten Year Experience.

**France JC** and Strong M

Annual Orthopaedic Residents Day, Buffalo, NY

**1986** – Measurement of Brachial Plexus Strain in Arthroscopy of the Shoulder

Klein AH, **France JC**, Mutschler TA, and Fu FH

Pennsylvania Orthopaedic Society Meeting, Hershey, PA

**2007** – Odontoid Fractures in the Elderly: A Retrospective View of Complications and Outcomes

Powell E, **France JC**, Emery SE, Jones D, Hayes E

Cervical Spine Research Society 35<sup>th</sup> Annual Meeting, San Francisco, CA,

**2007** – Observer Variability With Radiographic Measurements for Odontoid Fractures

**France JC**

**2006** – Epidemiologic Methods for Monitoring Outcomes in Rural Patients With Unintentional Injuries Using Internet Telemedicine

Jones DL, Emery SE, Hubbard DF, Goins RT, Horn K, Miller LA, **France JC**, Helmkamp J

2<sup>nd</sup> North American Congress of Epidemiology, Seattle, Washington

**2005** – A Prospective Comparison of Helical CT Scan vs. Plain Films Plus CT For Initial Evaluation in the Trauma Patient

McCulloch P, **France JC**

American Academy of Orthopaedic Surgeons, Washington DC

**2004** – Cervical Laminoplasty: The Micro-Plate Open Door Technique Described and Reviewed.

Fumich F, **France JC**, Ducker TB

American Academy of Orthopaedic Surgeons Meeting, San Francisco, CA

**2004** – Intertransverse Process Arthrodesis: Efficacy of DC Stimulation in a Nicotine Exposure Model

**France JC**, Norman TL, Buchanan M, Scheel M, Veale M, Ackerman E, Clovis N, Kish V

Orthopaedic Research Society Meeting, San Francisco, CA

**2003/2004** – Effects of Nicotine on Rabbit Bone Marrow Derived Osteoblastic Cells

Sylvester S, Norman TL, **France JC**, Mukherjee N

Orthopaedic Research Society Meeting, San Francisco, CA, 2004

American Society for Bone and Mineral Research, 2003

**1999** – Cervicothoracic Junction Fixation Techniques

Herriott G, **France JC**

American Academy of Orthopaedic Surgeons Meeting, Anaheim, CA

**1994** – Spondylopelvic Dissociation: A Case Report and Review of the Literature

Bents RT, **France JC**, Glover JM  
36<sup>th</sup> Annual Meeting of the Society of Military Orthopaedic Surgeons,  
Hilton Head, SC

1994 – Unstable Bilaminar C6 Fracture in a Neurologically Normal  
Individual; A Case Report.

Sutherland JP, **France JC**, and Kaylor KL  
36<sup>th</sup> Annual Meeting of the Society of Military Orthopaedic Surgeons,  
Hilton Head, SC

1993 – The Effect of Pedicle Distraction and Compression on Interbody  
Grafts (What is the Optimal Posterior Instrumentation Construct in 360  
Degree Lumbar Fusion?)

**France JC**, Gomez MA, Dwyer AP, Moore MR, and Lowe TG  
20<sup>th</sup> Annual Meeting of the International Society for Study of the Lumbar  
Spine, Marseilles, France

Journal Editor Reviewer

2006 – Present - Spine Journal Reviewer

High-Energy Contact Sports and Cervical Spine Injuries: What are the  
Criteria for Return to Participation?

Publications-Peer  
Review Journals

Dailey A, Harrop J, France JC  
Spine, In Press

Injury of the Posterior Ligamentous Complex of the Thoracolumbar  
Spine: a Prospective Evaluation of the Diagnostic Accuracy of Magnetic  
Resonance Imaging

Vaccaro AR, Rihn JA, Saravanja D, Anderson DG, Hilibrand AS, Albert  
TJ, Fehlings MG, Morrison W, Flanders AE, **France JC**, Arnold P,  
Anderson PA, Friel B, Malfair D, Street J, Kwon B, Paquette S, Boyd M,  
Dvorak MF, Fisher C  
Spine, 2009, Nov 1;34(23): E841-847

Comparison of Thoracolumbosacral Orthosis and No Orthosis for the  
Treatment of Thoracolumbar Burst Fractures: Interim Analysis of a  
Multicenter Randomized Clinical Equivalence Trial

Bailey CS, Dvorak MF, Thomas KC, Boyd MC, Paquett S, Kwon BK,  
**France J**, Gurr KR, Bailey SI, Fisher CG  
J Neurosurg Spine, 2009, Sept: 11(3) 295-303

Early Weight Bearing After Complete Tibial Shaft Fractures in Children  
Jenkins MD, Jones DL, Billings AA, Ackerman ES, **France JC**, Jones ET  
J Pediat Orthop B, 2009 Jul 13

Update on the Appropriate Radiographic Studies for Cervical Spine:  
Evaluation and Clearance in the Polytraumatized Patient  
France JC

Current Orthopaedic Practice, 2008, July/August Volume 19 (4), 411-  
415

Subaxial Positional Vertebral Artery Occlusion Corrected by  
Decompression and Fusion

Miele VJ, **France JC**, Rosen, CL

Spine, 2008 May 15;33(11) E366-370

Secondhand Smoke Reduces Cortical Bone Fracture Toughness  
Porter DS, **France JC**, Kish VL, Clovis NB, Smith ES, Norman TL  
*Journal of Mechanics in Medicine and Biology*, Volume 7, No.2 (2007)  
117-128

Epidemiologic Methods for Monitoring Outcomes in Rural Patients With  
Unintentional Injuries Using Internet Telemedicine  
Jones DL, Emery SE, Hubbard D, Goins R, Horn K, Miller LA, **France  
JC**, Helmkamp J *AM J Epidemiol*, 163 (suppl);S146, 2006

Direct Current Stimulation for Spine Fusion in a Nicotine Exposure  
Model  
**France JC**, Norman TL, Buchanan M, Scheel M, Veale M, Ackerman E,  
Clovis N, Kish V, Simon B  
*The Spine Journal* 2006(6);7-13

Interobserver and Intraobserver Reliability of Maximum Canal  
Compromise and Spinal Cord Compression for Evaluation of Acute  
Traumatic Cervical Spinal Cord Injury  
Fehlings MG, **France JC**, Furlan J, Massicotte E, Arnold P, Aarabi B,  
Harrop J, Anderson G, Bono C, Dvorak M, Fisher C, Hedlund R,  
Madrazo I, Nockels R, Rampersaud R, Rechtine G, Vaccaro A,  
Spine Trauma Study Group  
*Spine*, Volume 31(15); 1719-1725

Radiographic Measurement Parameters in Thoracolumbar Fractures: A  
Systematic Review and Consensus Statement of the Spine Trauma  
Study Group.  
**France JC**, Keynan O, Fisher CH, Vaccaro A, Fehlings MG, Oner FC,  
Dietz J, Kwon B, Rampersund R, Bono C, Dvorak M  
*Spine Journal*, January/February 2006, Vol.6(1);7-13

Initial Radiographic Evaluation of the Spine After Trauma: When, What,  
Where, and How to Image the Acutely Traumatized Spine.  
**France JC**, Bono C, Vaccaro A  
*Journal of Orthopaedic Trauma*, October 2005, Vol.19(9); 640-649

Neurological Deterioration Secondary to Unrecognized Spinal Instability  
Following Trauma – A Multi-Center Study  
Levi AD, Hurlbert J, Anderson P, Fehlings M, Rampersaud R,  
Massicotte EM, **France JC**, Huec J, Hedlund R, Arnold P  
*Spine*, February 2006, Vol.31(4); 451-458

Helical Computed Tomography Alone Compared With Plain  
Radiographs With Adjunct Computed Tomography for Evaluation of The  
Cervical Spine in High-Energy Trauma Patients  
McCulloch P, **France JC**, Jones D, Krantz W, Nguyen T, Chambers C,  
Dorchak J, Mucha P  
*Journal Bone and Joint Surgery*, November 2005, Vol 87-A(11); 2388-  
2394

Effective Collaboration Between Internists and Orthopedists  
Powers RL, Layne RD, Clark KE, Kolar MM, Warden MD, Blaha JD,  
**France JC**, Yates AJ, Hobbs G

Journal of General Internal Medicine, Volume 17, Supplement I, April 2002

Vertebral Artery Pseudoaneurysm Complicating Posterior C1-2 Transarticular Screw Fixation: Case Report.  
Prabbhu VC, **France JC**, Voelker JL, Zoarski GH  
*Surgical Neurology*, January 2001, Vol.55(1); 29-33; Discussion 33-34

The Efficacy of Direct Current Stimulation for Lumbar Intertransverse Process Fusions in an Animal Model  
**France JC**, Norman TL, Santrock RD, McGrath B, Simon BJ  
*Spine*, 2001, Vol.26(9); 1001-1008, 2001

A Randomized Prospective Study of Posterolateral Lumbar Fusion: Outcomes With and Without Pedicle Screw Instrumentation  
Bents R, **France JC**, Glover JM, Kaylor K  
*Spine*, 1998, Vol.24(6); 553-560

Spondylopelvic Dissociation: A Case Report and Review of the Literature  
Bents R, **France JC**, Glover JM, Kaylor K  
*Spine*, 1996, Vol.21(15); 1814-1819

The Use of Intrathecal Morphine for Analgesia Following Posterolateral Lumbar Fusion: A Prospective, Double-Blind, Randomized Study  
**France JC**, Jorgensen SS, Lowe TG, and Dwyer AP  
*Spine*, 1997 Vol.22(19); 2272-2277

A Prospective Study of Union Rates of Open Tibial Fractures Treated With Locked, Unreamed, Intramedullary Nails  
Bone LB, Kassman S, Stegemann P, and **France JC**  
*Journal of Orthopaedic Trauma*, 1994, Vol.8: 45-49

A Prospective Analysis of Autograft versus Allograft in Posterolateral Lumbar Fusion in the Same Patient: A Minimum of One-Year Follow-Up in 144 Patients  
**France JC**, Jorgensen SS, Lowe TG, and Sabin J  
*Spine*, 1994, Vol.19(18); 2048-2053

Deformity and Function in Supracondylar Fractures of the Humerus in Children Variousy Treated by Closed Reduction and Splinting, Traction and Percutaneous Pinning  
**France JC**, Strong MA  
*Journal of Pediatric Orthopaedics*, 1992, Vol.12(4); 494-498

Scoliosis Caused by Rib Fusion After Thoracotomy for Esophageal Atresia  
Won-Chung J, **France JC**, and Gillespie R  
*Spine*, 1992, Vol.17(7); 851-854

Measurement of Brachial Plexus Strain in Arthroscopy of the Shoulder  
Klein AH, **France JC**, Mutschler TA, Fu FH  
*The Journal of Arthroscopic and Related Surgery*, 1987, Vol.3(1); 45-52

Publications-Chapters

Upper Cervical Fractures

France JC

Orthopaedic Knowledge Update: Trauma 4

American Academy of Orthopaedic Surgeons, Rosemont, IL, In Press

Chapter 25A, Subaxial Injuries: Flexion-Compression Injuries

**France JC**

Cervical Spine Trauma, Vaccaro/Anderson (Eds)

Rothman Institute, Philadelphia, PA, 2010

Chapter 6, Management of Cervical Facet Dislocations: Timing of Reduction

**France JC**, Orphanos JR

Controversies in Spine Surgery: Evidence-Based Treatment Recommendations, Vaccaro/Eck (Eds)

Thieme, NY, NY 2010

Chapter 28, Injuries of the Cervicocranium

**France JC**, Gocke RT

Skeletal Trauma, 4<sup>th</sup> Edition, Browner/Jupiter/Levine/Trafton/Krettek (Eds)

Saunders Elsevier, Philadelphia, PA, 2009

Upper Cervical Fractures/Occiput to C2

France JC

Orthopaedic Knowledge Online, AAOS

[www.aaos.org/oko](http://www.aaos.org/oko), 2009

Iliosacral Screw Insertion Technique

**France JC**

Spine Trauma - Surgical Techniques, Patel/Burger/Brown (Eds)

Springer-Verlag, Heidelberg, Germany, 2010

Chapter 38, Evaluation and Management of Post-Operative Wound Infections of the Anterior and Posterior Spine

France JC, Samora W

Arthritis and Arthroplasty: The Spine, Shen/Shaffrey (Eds)

Saunders Elsevier, Philadelphia, PA, 2010

Clearing the Cervical Spine in the Obtunded Patient and in the Cognitively Intact Asymptomatic and Symptomatic Patient

**France JC**

Spine and Spinal Cord Trauma: Evidence-Based Management, Vaccaro/Fehlings/Dvorak (Eds)

Thieme, NY, NY, 2009

Chapter 7, Lower Cervical Spine Injuries

**France JC**,

Surgical Treatment of Orthopaedic Trauma, Stannard/ Schmidt AH/ Kregor (Eds)

Thieme, NY, NY, 2007

Chapter 22, Fractures of the Cervical Spine

**France JC**,

Orthopaedic Knowledge Update: Spine 3, Spivak/Connolly (Eds)

American Academy of Orthopaedic Surgeons, Rosemont, IL, 2006

The Neck  
Jones E, **France JC**  
Turek's Orthopaedics 6<sup>th</sup> Edition  
JB Lippencott, Philadelphia, PA

Vascular Injury, Epidural Fibrosis, and Arachnoiditis  
**France JC**, Fumich F, Hogg J  
Complications of Pediatric and Adult Spinal Surgery, Chapter 25, 371-407, Marcel Dekker, New York, NY

The Effect of Lumbar Pedicle Distraction and Compression on Interbody Graft Loads Spinal Biomechanics  
Gomez M, **France JC**, Dwyer A, Merola AA, Corenman DC  
Spine: State of the Art Reviews, Vol.10, No.3, 1996

Publications-Abstracts

1997/1998 - A Randomized Prospective Study of Lumbar Fusion With and Without Pedicle Screw Instrumentation  
**France JC**, Yaszemski MJ, Lauerman WC, Cain JE, Glover JM, Coe J, Lawer K, Topper S  
Orthopedic Transactions 21:1378  
Orthopedic Transactions 21:157

1996 - Unstable Bilaminar C6 Fractures in a Neurologically Normal Individual. A Case Report  
Sutherland JP, **France JC**, Kaylor KL  
Orthopedic Transactions 20; 1108

1996 - Spondylopelvic Dissociation; A Case Report and Review of the Literature  
Bents RT, **France JC**, Glover JM  
Orthopedic Transactions 20:1108

1996 - The Use of Intrathecal Morphine for Analgesia Following Lumbar Spine Fusion; Prospective, Double-Binding, Placebo Controlled Study.  
**France JC**, Jorgensen SS, Lowe TG, Dwyer AP  
Orthopedic Transactions 20:1087

1996 - Job Related Outcome of Lumbar Discectomy in Active Duty Military  
Jordan TF, **France JC**, Kaylor K, Yaszemski MJ  
Orthoped Transactions 19:359, 1995 and 20:1088

1994 – A Prospective Analysis of Autograft Versus Allograft in Posterolateral Lumbar Fusion in the Same Patient: A Minimum 1 Year Follow-Up in 144 Patients.  
Jorgensen SS, **France JC**, Lowe TG, Sabin J  
Orthopedic Transactions 18; 1098

1992 – Delayed Union With Unreamed Tibial Rods  
Kassman S, Bone L, Stegemann P, and France JC  
Orthopedic Transactions 16; 234

Grants	<p>\$30,000 – Synthes Unrestricted Research Grant</p> <p>\$100,000 – OREF Bone Graft Substitute For Spinal Fusion in a Nicotine Model</p> <p>\$43,377 – North American Spine Society – The Study of Direct Current Stimulation on Intertransverse Process Fusions and the Effect of Nicotine</p> <p>\$8,096.11 – EBI – Study of the Efficacy of DC Stimulation on Intertransverse Spine Fusion</p>
Awards	<p>2010 – American Academy of Orthopaedic Surgeons Achievement Award</p> <p>2009-2010 – Best Doctors in America</p> <p>2004 – Resident Teacher of the Year, West Virginia University Department of Orthopaedics</p> <p>2001 – Dean’s Award for Clinical Service, West Virginia University</p> <p>1995 – Resident Teacher of the Year, Wilford Hall Medical Center</p>
Other Medical Experience	<p><b>2010</b> – ImSurt Response Team for Haiti Earthquake Relief</p> <p><b>2002 – Present</b> - International Medical Surgical Response Team (IMSURT)</p> <p><b>1991 May</b> - Traveled via Project Hope to the Pediatric Institute in Krakow, Poland to aid in the instruction of Polish Orthopaedists on the Management of Spinal Deformity</p>
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