

CURRICULUM VITAE

Michael R. Klein, JR., M.D., F.A.C.S.

M.R.K. Medical Consultants

6555 Coyle Avenue, Suite 235
916/863-7301

Carmichael, California 95608
Fax: 916/863-7206

PLACE OF BIRTH: Newark, New Jersey

WIFE: Patricia Jean Klein
CHILDREN: Jeffrey, Eric, Garrett, Sara

EDUCATION:

University of Miami School of Medicine, Miami, Florida
September, 1963 - June, 1966 - M.D.
Drexel University, Philadelphia, Pennsylvania
September, 1959 - June, 1963 - M.S. Anatomy
University of Missouri at Kansas City, Missouri
January, 1958 - June, 1959 - B.S. Biology
University of Kansas, Lawrence, Kansas
September, 1955 - January, 1958
Westport High School, Kansas City, Missouri
September, 1952 - June, 1955

POST GRADUATE TRAINING AND EXPERIENCE:

Rotating Internship, USAF Hospital Scott, Scott AFB, Illinois
July, 1966 - July, 1967
General Medical Officer, Rhein-Main Air Base, Germany
August, 1967 - July, 1971
Chief, Dispensary Services, Rhein-Main Air Base, Germany
July 1969 - July 1971
Orthopedic Surgery Residency, Wilford Hall USAF Medical Center, Lackland AFB,
Texas
July, 1971 - July, 1975
Staff Orthopedic Surgeon, USAF Hospital Mather, Mather AFB, California
July, 1975 - July, 1977
Private Practice, Orthopedics, July 1977 to Present
Subspecialty - Baromedicine.

ACADEMIC APPOINTMENTS:

Associate Clinical Professor, Department of Orthopaedic Surgery
University of California Davis, Sacramento Med Center, appointed 1999

Facilitator, Resident Journal Club
Department of Orthopedics
UCD-School of Medicine
January 1999 to present

Instructor, Applied Medical Principles Course
University of California, School of Medicine, Davis, California
November 8, 15, & 29, 2001
November 15, 22 & December 1, 2002
May 12, 19 & 26, 2005
May 11, 18, & 25, 2006

DIRECTORSHIP/BOARD POSITIONS

Northern California Orthopedic Centers, Inc.
Medical Director, January 1995 – January 1997
Board of Directors, January 1995 – September 1999

California Physicians Alliance, Inc.
Board of Directors, January 1996 – September 1999
Chairman – Contracts and Capitation Committee

Adesso Medical Specialty, Inc.
Director, Orthopedic Division, May 1996 – February, 1999

Mercy Court Condominium Association
6600 Mercy Court, Fair Oaks, California, 2000 –2004

CONSULTANT POSITIONS

Eskaton Care Center - Manzanita
Associate Medical Director for Rehabilitation, 06/01/08 – 12/31/08
Carmichael, CA 95608

Physicians' Review Network
Phoenix, AZ
Orthopedic Consultant, 06/01/08 – 12/31/09

Consultants Medical Group
3006 S. Maryland Parkway, Suite 570
Las Vegas, NV 89109
Orthopedic Consultant

Network Medical Review
Rockford, IL
Orthopedic Consultant, 06/01/09 – 12/31/09

Journal of Bone & Joint Surgery
20 Pickering Street
Needham, MA 02492
Consultant/Reviewer

Star-Med
444 S. Fulton Avenue, 3rd Floor
Mt. Vernon, NY 10553
Orthopedic Consultant

Shriners Childrens Hospital
2425 Stockton Blvd.
Sacramento, CA 95817
Orthopedic Consultant for Biannual Screening Clinics for Scoliosis and Cerebral Palsy

EDITORSHIP:

WebMD- 2008 -2009
Rotator Cuff Tears
Exercise
Back Pain
Spinal Disk Problems
Sprains/Strains
Tendonitis
Understanding Dislocation
Gout
Understanding Fractures
Understanding Spondylitis
Knee Injuries
Back Pain
Osteoporosis
Ankylosing Spondylitis
Stress Fractures

HOSPITAL APPOINTMENTS:

Mercy San Juan Medical Center, Carmichael, California
Active Staff

Mercy San Juan Surgery Center, Carmichael, California
Active Staff

COMMITTEE WORK:

Sacramento-El Dorado Medical Society - Member, Medical-Legal Committee
January 1, 1990 - January 1994; January, 1995 - Present

Mercy San Juan Medical Center - By Laws
1982-1984; 1990-1994

Sacramento-El Dorado Medical Society - Peer Review Committee
1993-1994

Mercy San Juan/Mercy American River, Chairperson, Judicial Review Comm.
April 5, 1994

Mercy San Juan Medical Center, Secretary/Treasurer of the Medical Staff
April, 1988-April, 1990

Mercy San Juan Medical Center, Member, Medical Executive Committee
1983-1991, 1998-2000

Mercy San Juan Medical Center, Member, Surgical Perioperative Committee
1997-2000

Mercy San Juan Medical Center, Chairman, Department of Surgery
1983-1985

Mercy San Juan Medical Center, Surgery committee
1979-1988

Mercy San Juan Medical Center, Medical Director, Hyperbaric Unit
1982-1987

Mercy San Juan Medical Center, Chairman, Orthopedic Subsection
1979-1981

Mercy San Juan Medical Center, Intensive Care Committee
1977-1980

Mercy San Juan Medical Center, By Laws Committee
1982-1984; 1990-1994

Mercy San Juan Medical Center, Planning Committee
1983-1987

Mercy San Juan Medical Center, Associate Director, Disability Evaluation Center of Northern California, 1984-1986

Mercy San Juan Medical Center, Member, Finance Committee
1986-April, 1991

Mercy San Juan Medical Center, Member, Joint Surgical Practice Committee
1989-2000

Mercy San Juan Medical Center, Member, Laser Committee
1990-1992

Mercy San Juan Medical Center, Member, Library and Education Committee
1989-1992

Mercy San Juan Medical Center, Member, Physicians Health Committee
January 2000 –December, 2005
Chairperson, January 2006- Present

Mercy San Juan Medical Center, Member, Interdisciplinary Practice Committee
January 2000 – 2004
Vice Chair, January, 2002 –2004

Sacramento County Trauma Audit Committee
September, 1991 - September, 1996

Mercy San Juan Medical Center, Director of Orthopaedic Trauma
(Level II Trauma Center), September 1996 – September 1999

COMMUNITY SERVICE:

Mosaic Law Congregation, Sacramento, California
Built stage sets and light; performed the role of Mordcha in "Fiddler on the Roof",
February 1979.

Mosaic Law Congregation, Sacramento, California
Built stage sets and performed the role of Vinnie in "The Odd Couple", February
1981

Temple Or Rishon, Orangevale, California
Building Committee, January 1996 – October 2000

Temple Or Rishon, Orangevale, California
Technical Director, "*Purimspiel Tonight*", February, 2001

PUBLIC SERVICE FOR NATIONAL ORGANIZATIONS:

American College of Surgeons, Committee on Applicants, Northern California,
October 16, 2000 –June 2006

California Orthopedic Association
Facilitator for MOC re-certification; questions based on OKU-9
February 2009

MEETING AND COURSES ATTENDED/CONTINUING MEDICAL EDUCATION:

January 1972	Instructional Course Lectures, American Academy of Orthopedic Surgeons Meeting, Washington, D.C.
January, 1972	American Society for Surgery of the Hand, Washington, D.C.
June 2-17, 1972	Prosthetics-Orthopedics Course, UCLA, Los Angeles, California
September, 1972	Symposium on the Hand, Brooke Army Medical Center, San Antonio, Texas
November, 1972	Society of Military Orthopedic Surgeons, Portsmouth, Virginia
February, 1973	Instructional Course Lectures, American Academy of Orthopedic Surgeons Meeting, Las Vegas, Nevada
February, 1973	American Society for Surgery of the Hand, Las Vegas, Nevada
September, 1973	What's New in Orthopedics, San Antonio, Texas, A.A.O.S.
September 24, 1973 - November 6, 1973	Orthopedic Pathology Course, Air Force Institute of Pathology, Washington, D.C.
January, 1974	Instructional Course Lectures, American Academy of Orthopedic Surgeons' Meeting, Dallas, Texas
January, 1974	American Society for Surgery of the Hand, Dallas, Texas
January, 1974	Clinical Orthopedic Society, San Antonio, Texas
November, 1974	Society of Military Orthopedic Surgeons, Colorado Springs, Colorado
November, 1974	Upper Extremity Trauma: Pitfall and Complications, San Antonio, Texas, A.A.O.S.

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February, 1976	Instructional Course Lectures, American Academy of Orthopedic Surgeons' Meeting, New Orleans, Louisiana
April, 1976	Common Foot Problems, A.A.O.S., Sacramento, California,
April, 1976 -	Orthopedic Pathology Course, Kaiser Hospital, Oakland, California,
September, 1976	(weekly) James Johnston, M.D.
February, 1977	Instructional Course Lectures, American Academy of Orthopedic Surgeons' Meeting, Las Vegas, Nevada
February, 1977	American Society for Surgery of the Hand, Las Vegas, Nevada
February, 1977	American Hip Society, Las Vegas, Nevada
March, 1977	Internal Fixation of Fractures, ASIF, South Lake Tahoe, California
April 6-8, 1978	Musculoskeletal Trauma: Present State of the Art, San Francisco, California, A.A.O.S.
April 24-27, 1978	Primary and Revision Arthroplasty of the Hip, A.A.O.S. Surgeons, Three-Day Course, Hyatt Hotel, Incline, Nevada
May 20, 1978	American College of Surgeons, Northern California Chapter Meeting, San Francisco, California
December 13-15, 1978	Practical Treatment of Hand, Wrist and Forearm Problems, San Antonio, Texas, A.A.O.S.
February 22-27, 1979	American Academy of Orthopedic Surgeons, San Francisco, California
June 7-9, 1979	Fourth Annual Conference on Clinical Application of Hyperbaric Oxygen, Long Beach, California
November 26-30, 1979	The Adult Hip and Knee, Hyatt Regency Hotel, Los Angeles, California, A.A.O.S.,
February, 1980	Completed SESAP III, sponsored by the American College of Surgeons
June 11-13, 1980	Fifth Annual Conference on Clinical Application of Hyperbaric Oxygen, Long Beach, California, Memorial Hospital Medical Center of Long Beach
February, 1981	American Academy of Orthopedic Surgeons, Las Vegas, Nevada,
June, 1982	Sixth Annual Conference on Clinical Application of Hyperbaric Oxygen, Medical Center of Long Beach

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| October 3, 1981 | Hyperbaric Medicine Symposium, III, Sacramento, California, sponsored by Sacramento Hyperbaric Medicine |
| June, 1982 | Seventh Annual Conference on Clinical Application of Hyperbaric Oxygen, Medical Center of Long Beach |
| July 23-24, 1982 | University of California, Irvine, Second Annual Course on External Fixation, Hoffman and Ace-Fischer Techniques, Anaheim, California |
| 1983, 1984 | Self-Assessment Education, Sponsored by A.A.O.S. |
| March 24 & 26, 1983 | Surgical Application of Hyperbaric Oxygen, New York, New York |
| November 15, 1983 | Immediate Stabilization of Open Fractures, the UCD Experience, Sacramento, California |
| June 22, 1984 -
July 15, 1984 | Ninth Annual Conference on Clinical Application of Hyperbaric Oxygen, Acapulco, Mexico |
| August 19-22, 1984 | Eighth International Congress on Hyperbaric Medicine, Long Beach, California |
| January 27-30, 1985 | Winter Symposium of Clinical Application of Hyperbaric Oxygen, Porter Memorial Hospital, Denver, Colorado |
| October 25, 1986 | Advanced Technologies in Total Knee Replacement, Hyatt Hotel, Miami, Florida |
| November 21, 1987 | Diabetes and the Insensitive Foot: "Medical and Podiatric Management," California College of Podiatric Medicine |
| May 3-5, 1990 | Revision Arthroplasty of the Hip and Knee, Registry Resort, Phoenix, Arizona |
| May 19, 1990 | American College of Surgeons, Northern California Chapter Meeting, Management and Diagnosis of Thrombo-embolism, PARC 55 Hotel, San Francisco, California |
| June 10-15, 1990 | "Issues of Law and Medicine" - American College of Emergency Physicians; University of Hawaii |
| December 2-6, 1990 | The Government Institute, Maui Marriott Hotel, Maui, Hawaii |
| November 2-9, 1991 | The 13th International Seminar on Operative Arthroscopy, U.C.L.A., Kauai, Hawaii |
| May 2-3, 1992 | "The Cutting Edge of Total Knee Arthroplasty" - Southern California Orthopedic Institute, Carlsbad, California |

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August 14-15, 1992	"Total Hip and Knee Arthroplasty: Issues of the 90's" - Education Design, Napa, California
October 31, 1992 & November 7, 1992	The 14th International Seminar on Operative Arthroscopy - U.C.L.A., Maui, Hawaii,
February, 1993	American Academy of Orthopedic Surgeons 60th Annual Meeting, San Francisco, California
May 20-21, 1994	New Techniques and Technologies in Total Hip Replacement, A.A.O.S., San Francisco, California
May 21, 1994	QME Examination Review Course, Medical Management Institute, San Francisco, California
January 21-22, 1995	"Taking Charge"; A.A.O.S., Scottsdale, Arizona
April 19-23, 1995	Current Perspectives of Trauma, A.A.O.S., Santa Fe, New Mexico
February 12-17, 1997	A.A.O.S. Annual Meeting, San Francisco, California
October 4-10, 1998	Orthopaedic Trauma Association, Annual Meeting, Vancouver, B.C., Canada
November 3-5, 2000	"Review and Update for Practicing Orthopedic Surgeons", A.A.O.S., Seattle, Washington
June 21-22, 2001	Graduate Research Symposium, UCD Medical Center Sacramento, California
October 31 - November 3, 2001	North American Spine Surgery Conference, Seattle, Washington
July 27-31, 2003	"Spine Across the Sea, 2003", ,North American Spine Society, Maui, Hawaii
November 16-19, 2005	Advanced Diagnosis and Treatment for Neck and Back pain, American Back Society, San Francisco, CA
November 16-19, 2005	Pain Management, American Back Society, San Francisco, CA
April 25-27, 2006	Musculoskeletal MRI, Educational symposia, Las Vegas, NV
July 27, 2007	Shoulder to Hand: Hot Topics in 2007, California Pacific Medical Center, San Francisco, CA
August 24, 2007	Recognizing and Responding to Bioterrorism and Other, Public Health Emergencies, Texas Dept of State Health Services

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- August 26, 2007 Pathogens on a plane: The XDR-TB case in the age of bioterror, AHC Media LLC, Atlanta, GA
- August 26, 2007 Dark Vision: Medical countermeasures against the next wave of bioterror. AHC Media LLC, Atlanta, GA
- January 7-10, 2008 Creativity and Madness Conference, Marriott Wailea Beach Resort, Maui, Hawaii
- January 13-16, 2008 Orthopedics Today: Total Joint and Sports Medicine, Westin Maui Resort, Maui, Hawaii
- March 5-9, 2008 American Academy of Orthopedic Surgeons, San Francisco, CA. Instructional Course Lectures: Cervical Spine: Neck Pain & Radiculopathy; Traumatic Injuries of the Cervical Spine; Pathophysiology & Treatment of Lumbar Spinal Stenosis; and Lumbar Spine: The Herniated Disc
- August 15-16, 2008 AO Management of the Geriatric Fracture Patient; Omni Hotel, San Diego, Ca
- September 10, 2008 Telling the Whole Truth: Orthopedists as Expert Witnesses and The Grievance Process. American Academy of Orthopedic Surgeons
- January 1, 2008 - December 31, 2008 Medscape AMA PRA Category 1 Credit
- Fleshy Lesions on a 32-Year-Old Woman
 - Tendinopathy – From Basic Science to Treatment
 - A Diver Unconscious at the Surface After a Recreational Dive
 - NSAIDs and Manipulation Ineffective for Acute Low Back Pain: A Best Evidence Review
 - Painful Left Knee in a 7-Year-Old Boy
 - A 3-Year-Old Girl with Fever and a Limp
 - Safety Issues With TNF Inhibitors in Rheumatoid Arthritis: What Does Evidence-Based Data Tell Us About Infection, Tuberculosis, and Cancer?
 - A 33-year-old Woman with Sudden-Onset Severe Headache and Vomiting
 - Painful Knee Locking Caused by Gouty Tophi Successfully Treated With Allopurinol
 - Low Back Pain: Evaluating Presenting Symptoms in Elderly Patients
 - Evaluating Foot Pain in Elderly Patients

- A 40-Year-Old Female With Diabetes and Chronic Heel Ulceration With Osteomyelitis Is Found Unresponsive
- Examining the Fingernails Evaluating Presenting Symptoms in Elderly Patients
- A 54-Year-Old Woman With Rheumatoid Arthritis, Bruising, Swelling and Pain
- A Systematic Review With Procedural Assessments and Meta-analysis of Low Level Laser Therapy in Lateral Elbow Tendinopathy (Tennis Elbow)
- Part 2: The Case of the Emergency Room Physician Who Burned Out: Diagnosing and Treating His Substance Abuse
- Part 1: The Case of the Emergency Department Physician Who Burned Out: Risk Factors, Impact, and Early Interventions
- A Change in Upper Extremity Examination
- A Case of an Older Woman Who Cannot Lift Her Right Foot

- Recommendations Issued for Treatment of Nonspecific Low Back Pain
- Verum or Sham Acupuncture Nearly Twice as Effective as Usual Therapy for Back Pain
- A 40-Year-Old Man With a Femur Fracture and Hyperdense Bones
- Guidelines Issued for Screening Men for Osteoporosis
- Back Pain in a 39-Year-Old Man from Guatemala
- Therapeutic Options for Patients With Moderate-to-Severe Rheumatoid Arthritis Who Have Failed Anti-TNF Therapy

February 25 - 28, 2009- A.A.O.S. Annual Meeting, Las Vegas, NV

- Surgical Management of Lumbar Spinal Stenosis, Todd J. Albert, M.D.
- Spinal Stenosis – Minimally Invasive Decompression Techniques, D. Greg Anderson, M.D.
- Posterior Lumbar Decompression for Stenosis and Degenerative Spondylolisthesis, Jeffrey Fischgrund, William Beaumont Hospital
- Making the Diagnosis in Shoulder Injury: Integration of History and Physical, Imaging, and Arthroscopic Findings, Robert A. Arciero, M.D., Michael G. Ciccotti, M.D., John E. Kuhn, M.D., W. Benjamin Kibler, M.D.
- Cervical Spondylosis, Overview, Pathophysiology, and Clinical Evaluation, Eeric Truumees, M.D.
- Radiculopathy, ACDF and Cervical Disc Replacement, Cervical Degenerative Disease, Rick C. Sasso, M.D.
- Cervical Myelopathy, Dan Riew, M.D.

- North American Spine Society
 - Evidence for Lumbar Arthroplasty, Jens R. Chapman, M.D.
 - Evidence for Facet Replacement, Alexander Ghanayem, M.D.
 - Evidence for Interspinous Spacers, Thomas E. Mroz, M.D.
 - Evidence for Pedicle-based Motion Preservation Devices, Norman B. Chutkan, M.D.
- American Spinal Injury Association
 - Can Advanced Imaging Studies (MRI) Truly Predict the Degree of Soft Tissue Injury Following Spinal Trauma? Jeffrey A. Rihn, M.D.
 - Surgical Treatment Options in Geriatric Odontoid Fractures: Can Allograft Bone be Used Posteriorly and Can Anterior Odontoid Screws be Used Safely in the Setting of Osteoporosis? Darrel S. Brodke, M.D.
 - Minimally Invasive "Damage Control" Surgery Following Thoracolumbar Spinal Injury: Where is this all going? Cornelis A. Poelstra, M.D.
 - The STASCIS Study: What Have We Learned Regarding Timing of Surgery Following Traumatic Cervical Spinal Cord Injury? Eric M. Massicotte, M.D., MSc
 - An Update on Pharmacologic Management of SCI Including Spinal Cord Regeneration, Brian K. Kwon, M.D.
- Two-level Cervical Disc Herniation: Decompression and Fusion vs. Decompression and Total Disc Arthroplasty (Motion Preservation), Michael E. Janssen, D.O. and Todd J. Albert, M.D.
- SRS Debate: A Prognostic Test for AIS Will Change the Way We Treat Spinal Deformity, Peter O. Newton, M.D., Matthew B. Dobbs, M.D., and Charles G. Fisher, M.D.
- Current Controversies in Spinal Deformity Surgery; Pediatric – Adolescent Spine Deformity; Segmental Thoracic Pedicle Screws are Necessary for Full Frontal Plane Correction of AIS, Baron Lonner, M.D. and Suken A. Shah, M.D.
- Saving a Level in the Lumbar Spine in AIS is Important for Long Term Outcome
 - Stop at L3 for Motion, Michael F. O'Brien, M.D.
 - Fuse to L4 and Forget about It, Frank J. Schwab, M.B.
- Adult Spine Deformity, William C. Horton, III, M.D.
- Surgery is Indicated for Proven Progression in a Middle-aged Scoliosis Patient with Minimal to No Symptoms, P. Justin Tortolani, M.D. and Todd J. Albert, M.D.

- Optimal Treatment for Rigid Adult Scheurmann's Kyphosis Does Not Require Anterior Surgery, Serena S. Hu, M.D. and Robert W. Gaines, M.D.
- Surgery Should be Limited to the Listhetic and Stenotic Level Only in Older Degenerative Scoliosis Patients with both Back and leg Pain, Ensor E. Transfeldt, M.D. and Sigurd H. Berven, M.D.

June 17-20, 2009 San Diego Shoulder 26th Annual Meeting

- Shoulder Arthroplasty
 - Exposure and Technique for Shoulder Arthroplasty, J.P. Warner, M.D.
 - Glenoid Planning and Technique, Heintz Hoenecke, Jr., M.D.
 - Glenoid Complications in Total Shoulder Arthroplasty; What Can We Learn? Tom Norris, M.D.
 - Indications and Technique for Humeral Resurfacing Arthroplasty, James Tibone, M.D.
 - Total Shoulder Replacement: Subscapularis-Sparing Approach, Felix H. Savoie, M.D.
 - Biomechanics of Shoulder Arthroplasty: What Matters? Michael Pearl, M.D.
- Shoulder Fractures
 - Open Reduction Internal Fixation Options for Proximal Humerus Fractures, Armodios Hatzidakis, M.D.
 - Displaced Proximal Humerus Fractures: Outcome of Conventional and Fracture Prosthesis, Pascal Boileau, M.D.
 - Open Reduction Internal Fixation Clavicle Fractures 2009: Indications, Technique, Complications, Donald Wiss, M.D.
 - Reverse Total Shoulder Replacement for Fractures, Thomas W. Wright, M.D.
 - Pins, Plates, and Prostheses for Proximal Humerus Fractures, Sumant G. "Butch" Krishnan, M.D.
- Reverse Total Shoulder Arthroplasty
 - How Does the Reverse Total Shoulder Work? Mark Frankle, M.D.
 - Bony Ingrowth Offset: Reverse Shoulder Arthroplasty, Pascal Boileau, M.D.
 - Using the Reverse Total Shoulder for Difficult Problems, Mark Frankle, M.D.
 - Reverse Shoulder Arthroplasty for the Treatment of Rotator Cuff Deficiency, Mark Frankle, M.D.
 - Revision Arthroplasty With Use of Reverse Shoulder Prosthetic Allograft Composite, mark Frankle, M.D.

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- What Can We Learn From Arthroplasty Complications?
Anthony Romeo, M.D.
 - Case Presentations: Reverse Shoulder Arthroplasty, Heinz
Hoenecke, Jr
 - Instability
 - Overview of Shoulder Stability and Instability, Jon J. P.
Warner, M.D.
 - Arthroscopic Bankhart Repair 2009, Felix Savoie, III, M.D.
 - Bone Block Options, Ettore Taverna, M.D.
 - New Concepts for Shoulder Instability, Stephen J. Snyder,
M.D.
 - Bone Loss, Biceps, Slap
 - Techniques for Open Latarjet, Stephen Burkhart, M.D.
 - Arthroscopic Latarjet, Laurent LaFosse, M.D.
 - Arthroscopic Bristow-Latarjet-Bankart Procedure: The "Triple
Blocking" of the Shoulder, Pascal Boileau, M.D.
 - Discerning Indications for Slap Repair, Stephen Weber, M.D.
 - Long Head Biceps Tendon: Indications and Technique for
Surgical Management, Nikhil Verma, M.D.
 - Posterior Instability, Jeffrey S. Abrams, M.D.
 - Rotator Cuff
 - Essentials of Rotator Cuff Repair, James C. Esch., M.D.
 - Why and How I do a Double Row Repair, Stephen Burkhart,
M.D.
 - Arthroscopic Rotator Cuff Repair With Single Row and Rip-
Stop Stitch, Stephen J. Snyder, M.D.
 - Partial-Thickness tears of the Rotator Cuff, Gregory Alberton,
M.D.
 - Partial-Thickness Tears of the Rotator Cuff: Cases and
Review, William Stetson, M.D.
 - Arthroscopic Transosseous Cuff Repair: Going Back to the
Future, Sumant G. "Butch" Krishnan, M.D.
 - The Anterosuperior Rotator Cuff Tear, Jeffrey Abrams, M.D.
 - Subscapularis Repair: Scope or Open, James C. Esch, M.D.
 - Repairs of Massive Rotator Cuff Tears, Richard Angelo, M.D.
 - Subscapularis Nerve Release: Technique and Indications
2009, Laurent LaFosse, M.D.
 - Shoulder Rehabilitation
 - Shoulder Pathologies: From Dysfunction to the Lesion,
Giovanni DiGiacomo, M.D.
 - Treatment for First-Time Shoulder Dislocations, Matthew
Provencher, M.D.

- Principals of Shoulder Rehabilitation: Nonoperative and Postoperative, Matthew Provencher, M.D.
- Guidelines for Development of Shoulder Rehabilitation Protocols, Benjamin J. Rubin, M.D.
- Cultures, Stiffness, Acromioclavicular Joint, Healing
 - The Physician's Roll and Providing Culturally Competent Care, James S. Esch, M.D.
 - Selected Capsular Release After Manipulation for Adhesive Capsulitis: The "Hybrid" Technique, Joseph Tauro, M.D.
 - What I Am Doing To Prevent Post-Op Stiffness, Stephen Burkhart, M.D.
 - Patient Selection, Technique, and Complications of Acromioclavicular Repair, Felix H. Savoie, M.D.
 - Arthroscopic Treatment of Acute and Chronic Acromioclavicular, Joint Injuries, Pascal Boileau, M.D.
 - Biologic Augmentation of Healing in Rotator Cuff Surgery, Michael Terry, M.D.
 - Serial Ultrasound Evaluation of Tendon Healing After Anatomic Rotator Cuff Repair, Joseph Tauro, M.D.
- Rotator Cuff, Patches, Tendon Transfers, Exposures
 - Rotator Cuff Misconceptions, Raymond Sachs, M.D.
 - What We Know and Don't Know About Rotator Cuff Repair, Robert Pedowitz, M.D. PH.D.
 - Slides for Massive Cuff Tears, Stephen S. Burkhart, M.D.
 - Patches for Massive Cuff Tears, Stephen J. Snyder, M.D.
 - Latissimus Dorsi Transfer for Massive Cuff Tears, Sumant G. "Butch" Krishmnan, M.D.
 - Latissimus Dorsi and Teres Major Transfers In Reverse Arthroplasties, Tom Norris, M.D.

July 29 – August 1, 2009 - Western Orthopaedic Association Annual Meeting

- Acute Trauma: Surviving the Night
 - What to Send, What to Keep, How to Package it?
 - Open Fractures and Compartmental Syndrome
 - Temporary Spanning External Fixation
 - Pelvic Injuries: Acute Management
- Trauma
 - Locked Nailing of Two-Part Surgical Neck Proximal Humerus Fractures: A Multicenter Study
 - Comparison of Open vs. Closed Reduction for Intramedullary Tibial Nailing

- Alpine Skiing and Snowboarding Injuries in the United States
- Open Fractures Treated with Immediate Primary Closure and External Vacuum-Assisted Closure
- Difficult Fracture Patterns: Reduction Techniques
 - Femoral Neck Fractures
 - Talus Fractures
 - Nailing Tips: Femur and Tibia
 - Pilon Fractures
 - Periprosthetic Femoral Fractures
- Presentations
 - Stress Management
 - Howard H. Steel Lecture – Memoirs of a Mountain Guide
- Shoulder
 - Reverse Shoulder Arthroplasty
- General Orthopaedics
 - Risk Factors for Osteonecrosis of the Humeral Head Following Repair in Elderly Patients
 - Enhancing SLAP Repairs with Fibrin-PRP Clots
 - A Biomechanical Analysis of a Tensioned Suture Device in the Fixation of the Ligamentous Lisfrac Injury
 - Arthroscopic Management of Glenohumeral Degenerative Disease
 - Ten-Year Clinical Outcomes of Twenty-One Meniscal Allografts
 - Treatment of Severe Hallux Valgus Without Osteotomy or Arthrodesis, Clinical and Radiographic Analysis
 - Characterization of Glenoid and Distal Tibia Cartilage: Implications
- Pediatrics and Spine
 - Hip Arthrodesis: Failure in Overweight Adolescents
 - Arthroscopic Surgery for Femoroacetabular Impingement: A Perspective From Both Sides of the Scalpel
 - The Effect of Bilateral Laminotomy vs. Laminectomy on the Motion and Stiffness of the Human Lumbar Spine
 - The Efficiency of Medial Femoral Tension Band Plating in Genu Valgum
 - What is the 'Best' Surgical Approach for a Lenke 1 Main Thoracic Curve? – Results of a Prospective, Multi-Center Study
 - ACL Reconstruction in the Skeletally Immature Knee: Effects

- of
Tunnel Diameter and Position of the Physis
- How Small is the Leg and Foot in Children with Unilateral Clubfoot?

- Foot and Ankle
 - Total Ankle Replacements
 - Posterior Tibial Tendon
 - Jones Fractures
 - The Latest in Foot and Ankle Fixation
- Current Topics in Hip Surgery
 - Femoral Acetabular Impingement: Evaluation and Surgical Management Options
 - Surface Replacement Arthroplasty: Patient Selection and Outcomes
 - Bearing Surface Choices in THA
 - Trends in Utilization and Outcomes in THA: Insights from National Databases
- Resident Awards
 - Disc Health Preservation After Six Months of Spinal Growth Modulation: Expanding the Treatment Options for Fusionless Spinal Deformity Correction
 - A Retrospective Study of Teriparatide Therapy for Prevention of Fractures After Kyphoplasty
 - Natural History of Lumbar Spondylolisthesis in a Cohort of Elderly Men
 - Biomechanical Evaluation of Short-Segment Posterior Instrumentation with Crosslinks in an Unstable Human Burst Fracture Model
 - Fenestrated Outflow Cannulae Minimize Arthroscopic Fluid Gain
 - Normalization of Glenohumeral Articular Contact Pressures After Either Latarjet or Iliac Crest Bone Grafting Procedure: Impact Of Graft Type and Coracoid Orientation

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- Fluoroscopically-Guided Hip Capsulotomy: Effective or Not? A Cadaveric Study
 - Magnetic Resonance Imaging Evaluation of Adjacent Segments
After Cervical Disc Arthroplasty: Magnet Strength and its Effect on Image Quality
 - Revision Total Knee Arthroplasty
 - Evaluation of the Painful TKA
 - Revision TKA: A Stepwise Surgical Approach
 - Revision TKA: Contemporary Management and Results
 - Total Joints
 - Effects of Surgical Approach for TKA on Stair Decent Biomechanics: A Prospective, Randomized Trial
 - Surgical Approach Has No Effect on Total Knee Arthroplasty Gait: A Prospective, Randomized Trial
 - Unicompartmental Knee Arthroplasty: Outcome, Stratification, Survivorship. A Community-Derived Clinical Database
 - A Pooled Analysis of Four Pivotal Studies of Rivaroxaban for the Prevention of Venous Thromboembolism and Death, and Bleeding
 - Once-Daily Oral Rivaroxaban Compared With Subcutaneous Enoxaparin Every 12 Hours for Thromboprophylaxis After Total Knee Replacement: RECORD4
 - Failure of the Large Diameter Acetabular Component in Conventional Total Hip Arthroplasty
 - Percutaneously Assisted Total Hip Arthroplasty – Early Outcomes of a Novel Soft-Tissue Sparing Approach
 - Low Occurrence of Metal Hypersensitivity in a Domestic Cohort
 - Comparison of Periarticular Computer Aided Surgery and Conventional Methods for Component Alignment in Total Knee Arthroplasty
 - The Effect of Ligament Balancing on External Rotation of the Femoral Component in Total Knee Arthroplasty
 - Presidential Address
 - Finding a Balance in Medicine: Juggling Patients, Friends,

Family and One's Self

- November 10-14, 2009 – North American Spine Society 24th Annual Meeting, San Francisco, CA
- General Session: Best Papers
 - Surgical Treatment for Cervical Spondylotic Myelopathy: One-year Outcomes of the AOSpine North America Multicenter Prospective Study of 301 Patients
 - Spinal Cord Injury Complicated by the Ossification of the Posterior Longitudinal Ligament: A Multicenter Study of 106 Patients
 - Dysphagia Following Anterior Cervical Surgery: A Controlled, Prospective Analysis
 - Correlation of Clinical Outcomes and Cervical Sagittal Alignment: A Prospective, Randomized Clinical Study
 - An International Multicenter Randomized Comparison of Balloon Kyphoplasty and Nonsurgical Management in Patients with Acute Vertebral Body Compression Fractures
 - Utility of the Anesthetic Test Dose to Avoid Catastrophic Injury During Cervical Transforaminal Epidural Injections.
 - Does Discography Cause Accelerated Progression of Degeneration Changes in the Lumbar Disc: A Ten-Year Cohort-Controlled Study
 - Presidential Address
 - Symposium: Surgical Management of Lumbar Degenerative Deformity
 - Concurrent Session I: Surgery – Thoracolumbar
 - Adjacent Segment Disease after Interbody Fusion and Pedicle Screw Fixations for Isolated L4-5 Spondylolisthesis: A Minimum Five-Year Follow-Up
 - Intrawound Application of Vancomycin for Prophylaxis in Instrumented Thoracolumbar Fusions
 - Outcomes of Posterolateral Spinal Fusion in Geriatric Patients
 - Interim Clinical and Radiographic Outcomes in Two-Level Instrumented Posterolateral Fusions Using a New BMP-2 Matrix Formulation with Local Bone
 - A systematic Review of Literature Comparing Spinal

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- Metastasis Treated with Surgical Excision with Stabilization vs. Radiation Therapy Alone
 - Prognosis of Patients with Stage IV Non-Small Cell Lung Cancer (NSCLC) with Spinal Metastases
 - Surgical vs. Medical Management of Spinal Epidural Abscess: A Single Center 10-Year Experience

 - Concurrent Session II: Spinal Injections/Interventional Treatment
 - Selective Nerve Root Injections can Prevent the Need for Surgery in Patients Suffering from Lumbar Disc Herniations
 - What is the Rate of Occurrence of New Fractures at Levels Adjacent to Index Fractures in Osteoporotic Nonagenarians after Percutaneous Vertebroplasty
 - Intraoperative Epidural Anesthetic Injection for Control of Immediate Postoperative Pain in PACU after Lumbar Spinal Surgery
 - A New Device for Percutaneous Vertebral Re-expansion: Preliminary Experience on 23 Patients for Magerl Type A Traumatic Burst Fracture
 - Therapeutic Efficacy of Injectible Calcium Phosphate Cement in Osteoporotic Vertebral Body Compression Fracture: Prospective Nonrandomized Controlled Study
 - Balloon Kyphoplasty Improves Roland-Morris Disability Scores and Bone Pain Among Cancer Patients with Vertebral Compression Fractures: Interim Analysis from a Phase IV Randomized Trial
 - Vertebroplasty and Kyphoplasty for the Treatment of Vertebral Compression Fractures: An Evidence-Based Review of the Literature
 - Symposium: The Hip-Spine Syndrome: What Is It and What Should We Recommend for Patients?
 - SI Joint
 - General Session: Best Papers
 - Predictors of Complications Following Spinal Stabilization of Thoracolumbar Spine Injuries
 - The Value of Adding MRI to CT Protocols for Cervical Spine Clearance in Blunt Trauma: A Meta-analysis
 - Lumbosacral Dissociation Injuries in High Energy Blast Injuries
 - Two-Level Circumferential Lumbar Fusion Outcomes

- Comparing Midline and Paraspinal Posterior Approach: A Randomized, Blinded, Prospective Study
- The Lumbosacral Plexus and the Transpsoas Approach to the Intervertebral Disc Space: Is There a "Safe Zone"? A Cadaveric Study
- Influence of Needle Type on the Incidence of Inadvertent Vascular Injections: A Comparison of Pencil-Point Needles to Sharp-Beveled Needles
- Does the Duration of Symptoms from Lumbar Disc Herniation Affect Outcomes in the Spine Patient?
- Symposium: Expanding Diagnostic Testing to Improve Surgical Outcomes: Present and Future
- Concurrent Session I: Surgery – Cervical
 - Detection of Nerve Root and Spinal Cord Deficits Using Somatosensory-Evoked Potentials in a Consecutive Series of Cervical Laminoplasty Procedures
 - Translaminar vs. Pedicle Screw Fixation of C2: Comparison of Surgical morbidity and Accuracy of 313 Consecutive Screws
 - Comparison of Anterior Cervical Fusion Following Two-Level Discectomy or Single-Level Corpectomy: Sagittal Alignment, Cervical Lordosis, Graft Collapse, and Adjacent-Level Ossification
 - Is There an Association Between Lumbar and Cervical Degeneration that is Independent of Age? Evidence for the "Systemic Theory" of Disc Disease
 - Changes in Cervical Range of Motion and Sagittal Alignment at Early and Late Phases after ProDisc-C Total Disc Replacement: Radiographic Follow-up for over Two Years
 - Single-Site Comparison of One-and-Two Level Mobi-C Cervical Disc Replacement and Anterior Cervical Discectomy and Fusion Control: Preliminary Outcomes of Investigational FDA Trial
 - Global Variations in the Clinical Presentation of Patients with Cervical Spondylotic Myelopathy: Initial Results of the AOSpine International Multicenter Prospective Cohort Study
- Symposium: Controversies in Cervical Spine Surgery
- Concurrent Session I: Motion Preservation
 - Five-Year Results of the Prospective, Randomized, Multicenter FDA Investigational Device Exemption (IDE) ProDisc ®-C TDR Clinical Trial
 - Cervical Facet Degeneration after Total Disc Replacement: 272 Levels in 158 Patients: Five-Year Follow-up
 - In Vivo Kinematic Comparison of ProDisc-C, Prestige LP, Bryan

- Cervical Disc and a Discectomy with Fusion
- Can the Outcome of Total Lumbar Disc Replacement be Predicted?
- Prospective Evaluation of the Charite™ Lumbar Artificial Disc Replacement (ADR) with Minimum Three-Year Follow-up
- Multiple Level Lumbar ADR Adjacent to Concurrent Anterior Lumbar Interbody Fusion: A Clinical and Radiographic Analysis of Sagittal Motion Preservation at Two-Five Years
- The Hybrid ADR: Long-term Analysis of Sagittal Motion and Clinical Outcome after Concurrent ADR+ALIF (Minimum Two-Year Follow-up)
- Symposium: The Degenerative Lumbar Spine and the NASS Guidelines Committee: A Challenge for Evidence-Based Medicine and NASS Member

May 14-15, 2010 – Nevada Orthopedic Society Annual Meeting, Las Vegas, NV

- Risk Management Seminar – Kim Mandelbaum, JD and Robert McBride, JD
- Health Care Reform: The Physician's Role in Policy Development Peter Mandell, MD
- Hand Update – Jedediah Jones, MD
- Spine Update – Michael Daubs, MD, FACS
- Total Joint Update – Safa Kassa
- Sports Medicine Update – Sherwin Ho, MD
- Foot and Ankle Update – Michael Monroe, MD

November 18-20, 2010 AAOS Board Maintenance of Certification Preparation & Review

- Principle of Orthopaedics
 - Cartilage, Muscle, Tendon, Ligament, Alfred Kuo, M.D.
 - Infection, Lawrence Webb, M.D.
 - Outcome Assessment, Evidence-Based Practice & Biostatistics, Nelson SooHoo, M.D.
 - Fracture Repair and Bone Grafting, Matthew Jimenez, M.D.
 - Musculoskeletal Oncology, Lor Randall, M.D.
 - Metabolic Bone Disease, John Kaufman, M.D.
- Lower Extremity Reconstruction (Arthroplasty)
 - Arthroplasty Hip & Pelvis Reconstruction & Bearing Materials, Seth Leopold, M.D.
 - Knee Reconstruction and Replacement, Craig Silverton, DO
- Trauma

- The Polytrauma Patient – including TED and Blood Management, Philip Wolinsky, M.D.
- Trauma Lower Extremity
 - Pelvis & Acetabulum Fractures, Matthew Jimenez, M.D
 - Hip Trauma, Matthew Jimenez, M.D.
 - Femur Fracture & Fractures about the Knee, Donald Weiss, M.D
 - Tibia Fractures, Donald Weiss, M.D.
 - Peri-Operative Medical Management, Philip Wolinsky, M.D.
- Sports Upper Extremity
 - Shoulder & Elbow Injury in Athletes, Maxwell Park, M.D.
 - Shoulder Instability, Tal David, M.D.
 - Shoulder Reconstruction, Christopher Wahl, M.D.
- Trauma Upper Extremity
 - Shoulder, Elbow, Forearm Trauma
 - Hand and Wrist Trauma, Reid Abrams, M.D.
 - Hand & Wrist Reconstruction, Reid Abrams, M.D.
- Pediatrics
 - Upper Extremity Trauma, R. Dale Blasier, M.D.
 - Lower Extremity Trauma, R. Dale Blasier, M.D.
 - Upper Extremity Disorders, Dysplasias, Genetic Disorders, Klane White, M.D.
 - NM Disorders, Klane White, M.D.
 - Lower Extremity Disorders, Ernest Sink, M.D.
 - Tumors, Infections and Hematologic Diseases, Klane White, M.D.
 - Spine Trauma and Disorders, Ernest Sink, M.D.
- Foot & Ankle
 - Foot & Ankle Trauma, Bruce Sangeorzan, M.D.
 - Foot & Ankle Reconstruction, Bruce Sangeorzan, M.D.
 - Diabetes and Amputation, Bruce Sangeorzan, M.D.
 - Biomechanics, Harry McKellop, Ph.D.
- Sports Lower Extremity
 - Soft Tissue Injuries about the Knee, Christopher Behr, M.D.
 - Medical Care of Athletes, Christopher Wahl, M.D.
 - Injuries of the Ped and Adolescent Athlete, Christopher Wahl, M.D.
- Spine
 - Infection, Tumor, Vikas Patel, M.D.
 - Degenerative Disease of the Lumbar spine and Spinal Stenosis, John Davis, Jr. M.D.

- C-Spine Trauma and Spinal Cord Injury, Vikas Patel, M.D.
- Spondylosis & Spondylolisthesis, John Davis, Jr., M.D.
- Thoracic & Lumbar Spine Trauma, Vikas Patel, M.D.
- Degenerative Disease of the Cervical Spine, John Davis, Jr., M.D.

February 18, 2011 AAOS Annual Meeting, San Diego, California

- Surgical Management of Cervical Spondylotic Myelopathy
 - Anterior Cervical Approaches, James Kang, M.D.
 - Posterior Surgical Approach for the Management of Cervical Myelopathy, Michael Smith, M.D.
 - Anterior vs Posterior Approaches for Cervical Myelopathy: Pros, Cons and the Decision making Process. Jeffrey Wang, M.D.

- Lumbar Disc Herniation
 - Anatomy/Pathophysiology of Lumbar Disc Herniation, John Rhee, M.D.
 - Epidemiology, Natural History and Non-operative Treatment of Lumbar Disc Herniation, W. Jeremy Beckworth, M.D.
 - Lumbar Disc Herniation – Surgical Treatment, Christopher Bono, M.D.
 - Lumbar microdiscectomy: basic techniques, John Rhee, M.D.
- Pathophysiology and Treatment of Lumbar Spinal Stenosis
 - Lumbar Degenerative Stenosis: Pathophysiology, Patient Selection and Decompressive Techniques. Alpesh Patel, M.D
 - Interspinous Devices & MIS Decompression for Spinal Stenosis, Peter Whang, M.D.
 - Surgical Treatment of Degenerative Spinal Stenosis with Spondylolisthesis, Joon Lee, M.D.
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November 2, 2011 North American Spine Society Annual Meeting 26th Annual Meeting – 15 hours

- Comparison of the Mobi-C Cervical Artificial Disc to Anterior Cervical Discectomy and Fusion in the treatment of symptomatic Cervical degenerative Disc Disease at Two Levels. Reginald Davis, M.D. FACS
- Cervical Total Disc Replacement Versus Anterior Cervical Fusion: Data from Four Prospective Randomized Multicenter Trials. Donna

Ohnmeiss, PhD

- Total Disc Replacement in the Failed Back Surgery Patient: Analysis of Prospective, Randomized and Continued Access Cohorts. Rick Delamarter, M.D.
- Does an Advanced Generation Artificial Cervical Disc Provide Normal Postoperative Kinematics. Carl Lauryssen, M.D.
- Postoperative Outcomes in Adult Scoliosis: A Prospective Multicenter Database with Three-Year Followup. Michael Weber, M.D., PhD
- Clinical Results and Functional Outcome in Adult Patients Following Surgical Treatment of Spinal Deformity: Primary Versus Revision Surgery. Hamid Hazzanzadeh, M.D.
- Adult Spinal Deformity: A Two-Year Cost Utility Analysis and 10-Year Thought Experiment. Christian Hoelscher.
- Vertebral Column Resection(VCR) and Pedicle Subtraction Osteotomy(PSO) in Spinal Deformity Correction in Adult Patients 60 Years and Older. Hamid Hassanzadeah, MD
- Microscopic Sterility During Spine Surgery. Jesse Bible, MD
- Predictors of Outcomes in Surgical Treatment for Cervical Spondylitic Myelopathy: The AOSpine North Multicenter Prospective Study. Michael Fehlings, MD
- Functional and Quality of Life Outcomes in Geriatric Patients with Type II Odontoid Fracture: One Year Results from the AOSpine North America Multicenter Prospective Study. Branko Kopjar, M.D.
- Incidence and Impact of Acute Adverse Events in Patients with Traumatic Spinal Cord Injury. Antoinette Cheung, PhD.
- Can Decision-Tree Algorithm and Full Paper Improve the Inter-Observer Agreement in Level of Evidence Determination, Compared to Reading Abstract Alone. Dilip Dengupta, M.D.
- Regional Variations in Lumbar Fusion Performed for the Top Ten Primary Lumbar Diagnoses. Stephanie Nigo, M.D.
- Use of an Ambulatory Surgery center for Outpatient Spine Surgery. William Lavelle, M.D.
- Survivorship Analysis of Adjacent Segmetn After Lumbar Spinal Fusion: Comparison of PLIF and PLF. Jae-Chul, M.D.
- National Utilization Trends of Cervical Artificial Disc Replacement Compared to Anterior Cervical Fusion. Sheeaz Quereshi, M.D.
- Multicenter, Prospective, Randomized, Controlled Investigational Device Exemption Study comparing Mobi-C Cervical Artificial Disc to

- anterior Fusion in the Treatment of Symptomatic Cervical Degenerative Disc Disease. Donna Ohmeiss, Ph.D.
- Does Provocative Discography Cause Clinically Important Injury to the Lumbar Intervertebral Disc? A Ten-Year Matched Cohort Study. Eugene Carragee, M.D.
 - Do Epidural Steroid Injections Affect the Outcome of Patients Treated for Lumbar Stenosis? A subgroup Analysis of the SPORT. Christopher Kepler, M.D.
 - Outstanding Paper: Medical and Interventional Science. Zack Abbott, D.O.
 - Morbidity and Mortality of Major Adult Spinal Surgery: A Prospective Cohort Analysis of 942 Consecutive Patients. John Street, M.D.
 - Cost-Utility of Lumbar Decompression with or without Fusion for Patients with Symptomatic Degenerative Lumbar Spondylolisthesis. Salin Kim, R.N., M.N., PhD.
 - Five-Year Results of the Pro-Disc-C Multicenter Randomized Clinical Trial. Sean Kearns, PhD.
 - Transitional Appearance of Advanced Heterotopic Ossification in Cervical Artificial Disc Replacement. Eong Yi, M.D., PhD.
 - Cost-Effectiveness of Single-Level Cervical Disc Arthroplasty Compared to Single-Level Anterior Cervical Discectomy and Fusion. Sheearz Qureshi, M.D.
 - Cervical Disc Replacement: Five-Year Follow-up from the US Prospective Randomized Bryan Trial. Rick Sasso, M.D.
 - A Prospective Randomized Controlled Trial to Assess the Efficacy of the Mobi-C Artificial Cervical Disc in management of Intractable Cervical Myelo-Radiculopathy at One or Two Contiguous Level. Pierce Nunley, M.D.
 - MRI Analysis of Allografted Cervical Discs in Humans. Ding Yu, PhD
 - A prospective, Pilot Study of Cervical Disc Allografting: A Minimum 10 year Follow Up. Ding Yu, Ph.D.
 - Incidence of Adjacent Segment Degeneration in the Cervical Spine. John Olsewiski, M.D.
 - Comparative Analysis of Myelopathic Signs and Functional Outcome Following Cervical Decompression Surgery. Salem El-Zuway, M.D.
 - Validity of the Modified Japanese Orthopedic Association Score in Patients with Cervical Spondylitic Myelopathy: The AOSpine North America Multicenter Prospective Study. Branko Kopjar, M.D.

- Long-Term Outcomes of Patients with Multilevel Cervical Spondylitic Myelopathy After Laminectomy, Laminoplasty and Laminectomy and Fusion: A Meta-Analysis of Observational Studies. Ali Brydo, M.D.
- A Meta-Analysis of Comparative Outcomes Following Cervical Arthroplasty or Anterior Cervical Fusion: Results from Four Prospective Multicenter Randomized Clinical Trials and Up to 1226 Patients.
- Symposium: Surgical Strategies for Cervical Spondylitic Myelopathy. Christopher Furey, M.D.
- The Association of Accelerometer-Based-Activity Monitoring with Chronic Low Back Pain. Matthew Smuck, M.D.
- The Effect of Lumbar Surgery on the Flexion-Relaxation Phenomenon and its Responsiveness to Interdisciplinary Functional Restoration. Emily Brede, RN
- Conservative Treatment of Lumbar Disc Herniation. Ho-hyoung Lee, M.D.
- Mechanical Yield of the Lumbar Annulus: A Possible Contributor to Instability. Brian Stemper, PhD.
- Effect of Soft Tissues on the Stability of an Analogue Lumbar Spine: A Systematic Dissection. John Domann
- The Relationship between the Body Mass Index, Body Height and the Prevalence of Low Back Pain in Young Adults. Oded Herschkovich, MD
- Impairment of Motion Perception in Chronic Low Back Pain Patients. Tobia Schulte, M.D.
- The Ventral Lamina and Superior Facet Rule: The Key to Accurate Placement for Thoracic Pedicle Screws. Ronald Lehman, M.D.
- Biomechanical Analysis of Crosslink and Lateral Offset Connectors for an Unstable Atlantoaxial Joint Using the C2 Intralaminar Technique.
- Technique of Cervicothoracic Junction Pedicle Subtraction Osteotomy for Cervical Sagittal Imbalance: Report of 11 cases. Justin Scheer, M.D.
- Vertebral Column Resection(VCR) for the Treatment of Adult Spinal Deformities: Outcomes and Complications. Firas Chamas, M.D.
- Direct Repair of Lumbar Spondylolysis by Segmental Pedicle Screw-Intralaminar Hook Construction. Cagatay Ozturk, M.D.
- A Comparison of Perioperative Charges and Outcome between Open

Anterior and Mini-Open Lateral Approaches for Lumbar Discectomy and Fusion. William Smith, M.D.

- Biomechanical Comparison of Transfacet Pedicle Screws Versus Pedicle Screws with Transforaminal or Lateral interbody Fixation Across L5-S1. Neil Crawford, PhD.

November 18, 2011 Masters In Trial. Presented by The Sacramento Valley Chapter of The American Board of Trial Advocates.

December 8-9, 2011 52nd Annual Meeting Association of Defense Counsel of Northern California and Nevada. Survival of the Fittest

February 7, 2011 American Academy of Orthopaedic Surgeons 2012 Annual Meeting – 30 Hours

- Spine Review Course – Thomas Errico, M.D.
- Thoracolumbar Fracture: Evaluation and Management for ER to Rehab. Carols Bellabarba, M.D.
- Lumbar Spinal Stenosis: The Cutting Edge. Alpesh Patel, M.D.
- Compartment Syndromes of Upper and Lower Extremity Trauma: Update and Best Practices. Kevin Pugh, M.D.
- Cases and Controversies in Treatment of SLAP Treatment, W. Benjamin Kibler, M.D.

- The Current State of Minimally Invasive Spine Surgery. Alex C. Ching, M.D.
- Degenerative Spondylolisthesis: A Participant Driven Interactive Program for Evidence Based Decision Making. Mark Dekutoski, M.D.
- Advanced Techniques in Cervical Spine. Nitin Bhatia, M.D.
- MRI of the Spine: Essential for the Orthopaedic Surgeon, A.J. Khanna, M.D.

BOARD CERTIFICATION

- ❖ Diplomat – American Board of Orthopaedic Surgery

PROFESSIONAL ORGANIZATIONS:

- ❖ Fellow, American College of Surgeons, October, 1979
- ❖ Fellow, American Academy of Orthopedic Surgeons, February, 1980
- ❖ Sacramento - Sierra Valley Medical Society
- ❖ California Orthopedic Association
- ❖ Western Orthopedic Association
- ❖ North American Spine Society

PRESENTATIONS:

- ❖ "The Role of the Mast Cell in the Coronary Circulation of the Dog" (Masters Thesis), Drexel University, June, 1963
- ❖ "Lymphatico-Venous Anastomoses: Experimental Study in the Dog", Honorable Mention, Student Research Day, University of Miami School of Medicine, May, 1965
- ❖ "Spontaneous Posterior Interosseous Nerve Palsy", presented at the Society of Military Orthopedic Surgeons, Portsmouth, Virginia, November, 1972
- ❖ "Anatomy of a Medical-Legal Report", presented to the Staff at Friday Afternoon Staff Conference, Mercy San Juan Medical Center, Carmichael, California, February, 1978
- ❖ Instructor, Seminar on Back Injuries, Roseville Community Hospital, Roseville, California, March 7, 1978
- ❖ Greater Sacramento Professional Standards Review Organization, Subject Discussed: "Orthopedics and the Review Nurse". October, 1978
- ❖ Hyperbaric Oxygen, Moderator of Three-Hour Seminar at Roseville Community Hospital, Roseville, California. February 1, 1979
- ❖ Moderator, Hyperbaric Oxygen Seminar, Presented to the Staff at Mercy San Juan Medical Center, Carmichael, California. February 1, 1979

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- ❖ "Management Open Tibial Fractures and Osteomyelitis", presented September 12, 1980, El Rancho Motor Inn, Sacramento, California, as part of a one-day seminar on Hyperbaric Oxygen
 - ❖ "Osteomyelitis, the Extent of the Problem", presentation to the Golden West Orthopedic Group Workshop, Red Lion Motor Inn, Sacramento, California, April 30, 1982
 - ❖ "Clinical Applications of Hyperbaric Oxygen", presentation to the Medical Staff, John Muir Hospital, Walnut Creek, California, on Grand Rounds, May 2, 1982
 - ❖ "Surgical Application of Hyperbaric Oxygen", Thursday, March 24, 1983, Sutter General Hospital, Sacramento, California
 - ❖ "Chronic Refractory Osteomyelitis in Crush Injury", Trauma Seminar, Brookside Hospital, Richmond, California, April, 1983
 - ❖
 - ❖ "Hyperbaric Oxygen for Use in Difficult Extremity Wounds", presentation to the Greater Sacramento Society of Plastic Surgeons, May, 1983
 - ❖ "Role of Hyperbaric Oxygen Therapy in the Management of Acute Trauma", Trauma Seminar, June 11, 1983, Brookside Hospital, San Pablo, California
 - ❖ "Utilization of Hyperbaric Oxygen in Healing of Segmental Defects in the Open Tibial Fractures", presentation at the 8th International Congress on Hyperbaric Medicine, Long Beach, California, August 19-22, 1984
 - ❖ "Utilization of Hyperbaric Oxygen in the Clinical Setting", presentation to Medical Staff, St. Joseph's Hospital, Stockton, California, at Ground Rounds, April, 1986
 - ❖ "Clinical Indications for Adjunctive Hyperbaric Oxygen", presented to the Sacramento Chapter of Medical Transcriptionists, Mercy San Juan Medical Center, November, 1986
 - ❖ "Orthopedic Overview of the Injured Worker", presentation March 12, 1987 at Beverly Garland Hotel, Sacramento, California, at a Conference on "Rehabilitation Issues of the Injured Worker."
 - ❖ "Clinical Application of Hyperbaric Oxygen", presentation to the Department of Otolaryngology, Grand Rounds, University of California, Davis Medical Center, March 27, 1987
 - ❖ "Total Knee Arthroplasty", presentation to "The Hipsters Club", June 22, 1988 U.C.

Davis Medical Center

- ❖ Instructor, IEA Class, Medical Management of Workers' Compensation Claims, Continental Insurance Company, 11030 Sun Center Drive, Rancho Cordova, May 23, 1990
- ❖ "Total Hip and Knee Arthroplasty" - presentation to State Compensation Insurance Fund, Redding, California, March 6, 1992
- ❖ "Endoscopic Carpal Tunnel Surgery" - Capitol City Trial Lawyers Association, June 20, 1993, Sacramento, California
- ❖ "Anatomy and Arthroscopic Surgery of the Knee" - Capitol City Trial Lawyers Association, Maui Hawaii, November 2, 1993
- ❖ "Indication and Timing of IME Referral" – Presented to California State Automobile Association, Redding, California, August 4, 2000
- ❖ "Indications for an IME": Food for Thought, Matheny, Sears, Linkert & Long, March 7, 2003
- ❖ "Injury: An Interesting Word" – MRK Medical Consultants seminar, July 17, 2003, Radisson Hotel, Sacramento, California
- ❖ "Anatomy of a Medical/Legal Report and Timing of an IME" – MRK Medical Consultants seminar, July 17, 2003, Radisson Hotel, Sacramento, California

PUBLICATIONS:

Salvage of Infected Nonhealing Leg Fractures, published in Proceedings of the 8th International Congress on Hyperbaric Medicine, Sydney, Australia, March 1987

Move Over, I'm Driving, Sacramento Medicine, publication of the Sacramento-El Dorado Medical society, two-part article published in the February and March issues. Topic covers physicians and the health care environment, with specific attention to physician viability in the changing health care marketplace.

Evidence Based Medicine, Calif-Legal.com, June 2008

MILITARY SERVICE:

September 1965 - July, 1977

Voluntary separation with the rank of Lt. Colonel

July, 1971

Awarded Air Force Commendation Medal, July, 1971, for work

CURRICULUM VITAE

Michael R. Klein, Jr., M.D., F.A.C.S.

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as Drug Abuse Control Officer while stationed at Rhein-Main AFB, Germany, August, 1967 - July, 1971

June 1, 1990 – February 1, 1991 921st MASH, 10235 Systems Parkway, Suite 100, Sacramento, California, 95827-3007. Philip Beck, Colonel, Medical Corps, USAR, Commander.

February 1, 1991 - April 28, 1991 Operation Desert Storm, Orthopedic Surgery Service, Brooke Army Medical Center, Fort Sam Houston, Texas. Allan L. Bucknell, Colonel, Medical corps, USA, Chief, Orthopedic Surgery Service.

May 1, 1991 - May 4, 1993 921st MASH

May 5, 1993 to June, 1998 349th Contingency Hospital, 530 Airlift Drive, Travis AFB, California

June, 1998 Lt. Col., USAFR (Retired)

LICENSURE:

		DATE ISSUED
California	C-31935	12/19/69
Nevada	12723	06/13/08
Florida	1296 (inactive)	08/25/67
BNDD	AK 6704438	01/23/86

SPECIAL QUALIFICATIONS:

Qualified Medical Evaluator, State of California Division of Worker's Compensation, September, 1994 – September 1998

Revised 12/01/11