

CURRICULUM VITAE

J. David Blaha, M.D.

Professor, Adult Joint Reconstruction
University of Michigan Health System
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Title and Contents	Page 2
Education and Training	Page 2
Certification and Licensure	Page 2
Academic, Administrative and Clinical Appointments	Page 2-3
Research Interests	Page 3
Grants	Page 3-5
Honors and Awards	Page 5
Memberships in Professional Societies	Page 5-6
Editorial Positions, Boards and Peer-Review Service	Page 6
Teaching	Page 6-7
Committee, Organizational and Volunteer Service	Page 7-9
Consulting Positions	Page 9
Visiting Professorships, Seminars and Extramural Invited Presentations	Page 9-26
Patents	Page 26-27
Bibliography	Page 27-35

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J. David Blaha, M.D.
Professor, Adult Joint Reconstruction
University of Michigan Health System

EDUCATION AND TRAINING

8/62 – 6/65 Campion High School, Prairie du Chien, Wisconsin
8/65 – 6/69 University of Notre Dame; B.S.
8/69 – 6/73 University of Michigan, Ann Arbor, Michigan; M.D.

POSTDOCTORAL

7/73 – 6/74 University of Michigan, Ann Arbor, Michigan; Internship
 (Surgery)
7/74 – 6/75 University of Michigan, Ann Arbor, Michigan; Resident, (General
 Surgery)
7/75 – 6/78 University of Michigan, Ann Arbor, Michigan; Chief Resident
 (Orthopaedic Surgery)
7/79 – 6/80 London Hospital Medical College & Bone & Joint Research Unit,
 Adult Reconstructive Arthritis Surgery, Fellowship

CERTIFICATION AND LICENSURE

1979-Current American Board of Orthopedic Surgery
1978-1981 State of Michigan (34122),
2002-Current State of Michigan (reactivated 2002)
1980-Current State of West Virginia (12402)
1978-Current State of Wisconsin (21614-202)
1978-Current Drug Enforcement Agency (AB9500326)

ACADEMIC APPOINTMENTS

7/79 – 8/80 Lecturer in Orthopaedic Surgery, University of London, London
 Hospital Medical College, Whitechapel, London, England
8/80 – 7/83 Assistant Professor, Department of Orthopedic Surgery, West
 Virginia University
7/83 – 6/91 Associate Professor, Department of Orthopedic Surgery, West
 Virginia University, (Tenure, 1985)
7/89 – 12/02 Graduate Faculty (Full member) Department of Anatomy, West
 Virginia University
7/91 – 12/02 Professor, Department of Orthopedics, West Virginia University
*12/02 – Present Clinical Professor, Department of Orthopaedics, West
 Virginia University
*7/00 – 12/02 Clinical Professor of Orthopedic Surgery, West Virginia School of

Osteopathic Medicine

*12/02 – Present Clinical Professor, Department of Orthopaedic Surgery,
University of Michigan

ACADEMIC ADMINISTRATIVE APPOINTMENTS

1980-2002 Chief, Section of Arthritis Surgery, Department of Orthopedic Surgery, West Virginia University
1990-1991 Interim Chairman, Department of Orthopedic Surgery, West Virginia University
1991-2002 Chairman, Department of Orthopedic Surgery, West Virginia University
1991-2002 Director, Residency Program in Orthopedic Surgery, Department of Orthopedic Surgery, West Virginia University

CLINICAL/HOSPITAL APPOINTMENTS

1978-1979 Staff Physician, St. Joseph Hospital, Marshfield, WI
1980-2002 Staff Physician, West Virginia University Hospitals, Inc.
2002-Present Staff Physician, University of Michigan Health System

RESEARCH INTERESTS

Knee kinematics
Total knee arthroplasty design and function
Total hip arthroplasty design and function
The biomechanical basis for implant osseointegration

GRANT SUPPORT

"The Effect of Surgical Technique and Time on the Strength of Rabbit Patellar Tendon Repair." Wayne County, MSR&E Grant 54-76-77, \$2949.00, 1976-1977.

"Freeman-Samuels Total Knee Prosthesis Clinical Investigation." DePuy, HS# 9794, \$9000.00, 1983-1985.

"Low Modulus Porous Polyethylene Coated Hip Prosthesis, Clinical Investigation." Biomet, HS # 9794, \$5000.00, 1983-1987.

"Anteversion in the Femoral Neck of Primates." Howmedica, Inc., \$3000.00, 1984.

"Observation of Functionally Adaptive Changes in the Appendicular Skeleton." West Virginia University, Biomedical Research Grant, \$5000.00, 1984.

"A Comparison of Gentamicin PMMA Beads with Conventional Antibiotic Therapy for the Treatment of Chronic Osteomyelitis." A Multi-Center Study, E. Merck, Darmstadt and E. Merck Laboratories, HS# 11503, \$39,000.00, 1985-1990.

"Clinical Analysis of the CLS Total Hip Arthroplasty." Protek, \$10,000.00, 1987.

"Picenadol: Multicenter Dose Response in Post-Operative Pain." Eli Lilly, HS#1416, \$39,000.00, 1987-1988.

"Development of Radiographic Analysis Techniques Using Digitized Radiographic Images." Techmedica/R & B Orthopaedics, \$40,000.00, 1988.

"The Effects of Calcium Phosphorous Coatings on Bone Ingrowth to Porous Coated Prostheses." Zimmer, \$31,978.00, 1988-1989.

"Computer Assisted Radiographic Analysis of the Freeman Total Hip Femoral Component." OSI, \$2000.00, 1989.

"Screw Axis Analysis of Dynamic In-Vitro Knee Motion with Differential Hamstring Loading." Richard's Medical Company, \$4000.00, 1989.

"Analysis of Audiometric Changes in Patients Treated for Osteomyelitis with Parental Antibiotics and/or Septopal." E. Merck, Darmstadt and E. Merck Laboratories, HS# 11503, \$6000.00, 1989-1990.

"Three Dimensional Rigid Body Reconstruction by Non-Linear Roentgen Analysis." Zimmer, \$12,000.00, 1989-1991.

"Multiple-Dose, Open-Label Clinical Trial of the Safety and Efficacy of Enoxaparin vs. Heparin for the Prevention of Post-Operative Deep Vein Thrombosis Following Total Hip Replacement Surgery." Rhone-Poulenc, HS# 11694, \$114,050.00, 1989-1991.

"The Effects of Differential Hamstring Loading, Anterior Cruciate Ligament Section and Total Knee Motion by Dynamic Screw Axis Analysis." West Virginia University Medical Corporation and NIH Biomedical Research Grant, \$7,500.00, 1990-1991.

"Acute Puncture Wounds to the Foot." Co-Principal Investigator, Orthopaedic Research and Education Foundation, OREF, \$14,936, 1992

"Early Response Patterns in Differentiating Osteoblasts." Co-Principal Investigator, National Institute of Arthritis and Musculoskeletal Disease. \$349,779, direct costs (\$504,890 total), 1992-1997

“Mechanical Consequences of Stem-Cement Debonding and Unsupported Distal Tip on Total Hip Arthroplasty.” Timothy Norman, Ph.D. and J. David Blaha, M.D. Orthopaedic Research and Education Foundation, OREF #93-011, \$99,010.00, 1993-1995.

"Interleukin-1 Metabolism by Normal Human Osteoblast-Like Cells." Co-Principal Investigator, West Virginia University, University Senate Committee on Research. \$6,700, 1995-1996.

“Initial Press-Fit Stability of Beaded Porous Coated Hip Prosthesis.” Co-Principal Investigator, Depuy, \$35,335, 2002.

"Morphologic and Biomechanical Effects on Bone Fragility." Timothy Norman, Ph.D., Phillip Keating, Ph.D. and J. David Blaha, M.D., National Institutes of Health, Institute on Aging, \$541,063.00. (PENDING – In Revision)

“Damage in Post-Threshold Viscoelastic Behavior of Bone.” Co-Principal Investigator, National Institute of Health. \$654,240. (PENDING – In Revision)

HONORS AND AWARDS

- 1967 Alpha Epsilon Delta, Pre-Medical, University of Notre Dame
- 1972 Alpha Omega Alpha Honor Medical Society
- 1975 St. Joseph's Mercy Hospital; Carl E. Bagley Award (Outstanding Resident)
- ‘02-‘08The Best Doctors in America

MEMBERSHIP AND OFFICES IN PROFESSIONAL SOCIETIES

Academic Orthopaedic Society
American Academy of Orthopaedic Surgeons
American Orthopaedic Association
Distinguished Contribution to Orthopaedics Award Committee
Mid-America Orthopaedic Association
American Society of Biomechanics
Association for Bone and Joint Surgeons
Michigan Orthopaedic Society
Eastern Orthopaedic Association
Hip Society
Interstate Orthopaedic Society, (President, 1993-94)
Knee Society
Monongalia County Medical Society
Musculoskeletal Infection Society:

Founding President and Member of Board of Directors.
Orthopaedic Research Society
Phi Chi Medical Fraternity, University of Michigan (President)
Sigma Xi, The Scientific Research Society
Societe Internationale de Chirurgie Orthopedique et Traumatologie
Society for Arthritic Joint Surgery
Society for Research into Adult Reconstructive Surgery
Southern Orthopaedic Association
Southern Medical Association
West Virginia Orthopaedic Society
West Virginia State Medical Society Orthopedic Section
(Vice-President, 1982-83; President, 1983-84)

EDITORIAL POSITIONS, BOARDS AND PEER-REVIEW SERVICE

Book Reviewer, *Journal of Bone and Joint Surgery*. Arthritis Surgery, Vol. 76-A, No. 6:957, June 1994.

Board of Associate Editors - The Journal of Bone and Joint Surgery - 4 year term 1996-2000.

Consultant Reviewer, *Journal of Bone and Joint Surgery*

Consultant Reviewer, *Clinical Orthopedics and Related Research*.

Editorial Board and Consultant Reviewer, *Journal of Arthroplasty*.

Consultant Reviewer, *Journal of the American Society of Biomechanical Engineering*.

Editorial Board and Consultant Reviewer, *BONE*.

Editorial Board and Consultant Reviewer, *Journal of Orthopaedic Research*.

Editorial Board and Consultant Reviewer, *Journal of BioMechanics*.

TEACHING ACTIVITIES

Adult Reconstructive Surgery, Orthopaedic Surgery Residency Program, West Virginia University
Adult Reconstruction Rehabilitation, Physical Therapy Program, West Virginia University
Supervision and Mentoring of Engineering and Anatomy Graduate Students, West Virginia University
Joint Replacement Update, Medicine Noon Conference, West Virginia University

Orthopedics Rotation, Physician's Assistant Program, Alderson Broadus
College at West Virginia University
In-Service Education, Nursing Program, West Virginia University
Hospitals
In-Service Education, Nursing OR Program, University of Michigan
Hospitals
Musculoskeletal Examination Practical Teaching, School of Medicine
West Virginia University
Extra-Mural Teaching CME Courses, AAOS Review Courses

COMMITTEE, ORGANIZATIONAL AND VOLUNTEER SERVICE

National

Knee Society
Committee on Outcome Studies, 1990-94.
Executive Committee, 1991-95.
American Academy of Orthopaedic Surgeons
Committee on the Knee, 1989-94.
Safe Medical Devices Task Force, 1991-93.
Program Committee, 1991-94.
Program Committee Member
Sub-Committee for Adult Reconstruction- Knee/Foot,
1994-95.
Committee on Evaluations 2001 to present
Exhibits Committee 2007-Present
Orthopaedic Research Society
Program Committee Reviewer, 1998.
The Hip Society
Committee on Electron Media
SICOT (*Société Internationale de Chirurgie Orthopédique et de
Traumatologie*)
Program Committee, Section on Musculoskeletal Infection and
Section on Arthroplasty of the Hip.

West Virginia University

Chairman, Graduate Committee

Mancinelli, C.A.: The Instantaneous Axis of Rotation of the
Human Knee Joint. Dissertation for Ph.D. Degree, Department of
Anatomy, West Virginia University, Successfully defended August
1993.

Co-Chairman, Graduate Committee

Waggy, C.A.: Biomechanical and Histological Evaluation of the
Insertion Site of Rabbit Patellar Ligament. Dissertation for Ph.D.
Degree, Department of Anatomy, West Virginia University.
Successfully defended September 1995.

Committee Member, Graduate Committee

Wilson, D.J.: The Effects of Total Knee Arthroplasty on the Screw Axis of the Human Knee Joint. Thesis for Masters Degree, Department of Anatomy, West Virginia University, Successfully defended July 1997.

Committee Member, Graduate Committee

Saligrama, V.: Three-Dimensional Finite Element Analysis of Total Hip Arthroplasty with a Debonded Interface and an Unsupported Distal Tip. Dissertation for Ph.D., Degree, Department of Mechanical and Aerospace Engineering and Orthopedics, West Virginia University, Successfully defended August 1997.

Committee Member, Graduate Committee

Brown, C.U.: Experimental and Numerical Analysis of Press-Fit Stems. Dissertation for Ph.D., Degree, Department of Mechanical and Aerospace Engineering and Orthopedics, West Virginia University, Successfully defended May, 2001.

Committee Member, Graduate Committee

Thyagarajan, G.: The Influence of Cement Type on Subsidence in Total Joint Replacement. Thesis for Masters Degree, Department of Mechanical and Aerospace Engineering and Orthopedics, West Virginia University, Successfully defended May 2001.

Committee Member, Graduate Committee

Hustosky, K.: Mechanical Behavior of a Total Hip Stem with a Debonded Stem-Cement Interface and an Unsupported Distal Tip. Dissertation for Ph.D. Degree, Department of Mechanical and Aerospace Engineering and Orthopedics, West Virginia University, Successfully defended August 2001.

Medical School

Medical Executive Committee
Executive Faculty Committee
Council of Surgical Chairs
Council of School of Medicine Chairs
Search Committee, Department of Surgery Chair
Ad Hoc Committee for Information Technology
Benchmarking Committee, University Health Associates

Department

Chairman of Department
Director of Orthopaedic Surgery Residency Program

Community Service

Chief of Orthopedics, West Virginia University Hospital
Community Outreach, Health Fair
Organizer of West Virginia University, Department of Orthopedics
Annual Reunion Day Weekend & Research Review Day
(statewide CME for orthopedists in West Virginia)
Mentoring, school year program, Morgantown High School
students
Mentoring, summer research, Morgantown High School students
Assistant Coach; youth basketball and baseball
Family Council; The Suites at Heritage Point (retirement
community)
Community Outreach Lectures; Gilmore County Senior Citizen
Center, Randolph County Senior Citizens Center
Senior Monongalians; Lectures on total joint replacement,
musculoskeletal, health, etc.
Lecturer to Sierra Club
Programs for Eagle Scouts, musculoskeletal medicine
Monongalia Wireless Association (Amateur Radio)

CONSULTING POSITIONS

1992-Present Consulting Staff, Monongalia General Hospital - Inactive
1994-Present Staff Physician, Healthsouth Mountainview Regional
Rehabilitation Hospital – Inactive
1993-Present Consulting Staff, Louis A. Johnson Veterans Affairs Medical
Center – Inactive

VISITING PROFESSORSHIPS, SEMINARS AND EXTRAMURAL INVITED PRESENTATIONS

National Presentations and Exhibits, (Presentations prior to 1993 not included):

"Pre-Operative Planning" American Academy of Orthopaedic

Surgeons Course, Total Knee Arthroplasty in the 1990's. Chicago IL. November 1993.

"The Swollen, Painful, Post-Operative Total Knee" American Academy of Orthopaedic Surgeons Course, Total Knee Arthroplasty in the 1990's. Chicago, IL. November 1993.

"The Infected Total Knee" American Academy of Orthopaedic Surgeons Course, Total Knee Arthroplasty in the 1990's. Chicago, IL. November 1993.

"Porous Coating: Do You Need It?" Current Concepts in Joint Replacement, Orlando, FL. December 1993.

"The Results of Revision: Cement & Cementless" Current Concepts in Joint Replacement. Orlando, FL. December 1993.

"Experience With the CLS Hip" Tenth Annual State-of-the-Art In Total Joint Replacement" Scottsdale, AZ. November 1993.

"HA Coating, Porous Coating, Press-Fit Choices for the Future" Tenth Annual State-of-the-Art in Total Joint Replacement Scottsdale, AZ. November 1993.

"Bone Ongrowth - Is Porous Coating Needed?" The 11th Annual Arthritic Hip & Knee Symposium. Snowbird, UT. 1994.

"Press fit Non-Porous THA" The 11th Annual Arthritic Hip & Knee Symposium. Snowbird, UT, 1994.

"CLS Femoral Stem - Design Rationale" 1994 Techmedica National Sales Meeting. Changing Times - Proven Concepts. Phoenix, AZ. 1994.

"CLS Expansion Cup - Design Rationale" 1994 Techmedica National Sales Meeting, Changing Times - Proven Concepts. Phoenix, AZ. 1994.

"Wagner SL Revision Stem - Design Rationale" 1994 Techmedica National Sales Meeting, Changing Times - Proven Concepts. Phoenix, AZ. 1994.

"Porous Coating - Do You Need It?" Dallas Southwestern University, Dallas, TX. 1994.

"Bone Cement: Utilizing Its Material Properties." Joint Implant Surgery and Research Foundation in Cooperation with Orthomet,

Total Joint Arthroplasty - Current Issues, Concepts and Considerations. Breckenridge, CO. March 1994.

"HA Coating, Porous Coating, Press-Fit: Choices of the Future" Joint Implant Surgery and Research Foundation in Cooperation with Orthomet, Total Joint Arthroplasty - Current Issues, Concepts and Considerations. Breckenridge, CO. March 1994.

"Acetabular Roof Ring Systems" 1994 Techmedica National Sales Meeting, Changing Times - Proven Concepts. Phoenix, AZ. 1994.

"Kinematics: Accounting For All Degrees of Freedom." Joint Implant Surgery and Research Foundation in Cooperation with Orthomet, Total Joint Arthroplasty - Current Issues, Concepts and Consideration. Breckenridge, CO. March 1994.

"Anticoagulation for Total Knee Replacement - Experience with Low Molecular Weight Heparin" Total Knee Replacement Conference, Nashville, TN. April 1994.

"Conservative and Surgical Management of Arthritis." Serra Club, Morgantown, WV. May 1994.

"Low Molecular Weight Heparin" York Hospital, York, PA. June 1994.

"Treatment of Patellar Fractures and Dislocations" 11th Annual International Symposium - New Developments in Total Joint Reconstruction. Orlando, FL. June 1994.

"Flexion Contracture" 11th Annual International Symposium - New Developments in Total Joint Reconstruction. Orlando, FL. June 1994.

"Transverse Femoral Osteotomy and Wagner Arthroplasty" 11th Annual International Symposium - New Developments in Total Joint Reconstruction. Orlando, FL. June 1994.

"Maximizing the Mechanical Properties of Bone Cement" Orthomet, Total Joint Arthroplasty: Current Issues, Concepts and Considerations. Durango, CO. August 1994.

"Why Do We Need Porous Ingrowth?" Orthomet, Total Joint Arthroplasty: Current Issues, Concepts and Considerations. Durango, CO. August 1994.

"Restoring Knee Joint Kinematics Through Implant Design." Orthomet, Total Joint Arthroplasty: Current Issues, Concepts and Considerations. Durango, CO. August 1994.

"Low Molecular Weight Heparin." Williamson Medical Center, Franklin, TN. April 1994.

"The Four Bar Linkage Model Is Not An Applicable Model of Knee Motion." Knee Society - 1994 Interim Meeting Program. Baltimore, MD. October 1994.

"Osteointegration: Fact and Fiction." Tenth Annual Current Concepts. Orlando, FL. December 1994.

"DVT Prophylaxis and Treatment." Tenth Annual Current Concepts. Orlando, FL. December 1994.

"Biomechanics of Osteotomies." Twelfth Annual Arthritic Hip, Knee and Shoulder Symposium. Snowbird, UT. 1995.

"Bone Ongrowth: Is Porous Coating Needed?" Twelfth Annual Arthritic Hip, Knee and Shoulder Symposium. Snowbird, UT. 1995.

"Axes of Rotation of the Normal Knee." Advances in Total Joint Arthroplasty. Park City, UT. 1995.

"Can Articular Cartilage Regenerate?" The West Virginia Orthopedic Society Midwinter Meeting. Charleston, WV. 1995.

"Discussion of Difficult Cases: Challenges in THR". Protek Hip Meeting. Scottsdale, AZ. March 1995.

"CLS System (Biomechanical Concept)." Protek Hip Meeting. Scottsdale, AZ. March 1995.

"Revision Prosthesis. (Results in Italy)." Protek Hip Meeting. Scottsdale, AZ. March 1995.

"Bone Apposition or Bone Ingrowth." Orthomet - Total Joint Arthroplasty. Vail, CO. March 1995.

"Bone Cement: Its Role in THR." Orthomet - Total Joint Arthroplasty. Vail, CO. March 1995.

"Kinematics of the Normal Knee: Implications of Total Knee Design." Orthomet - Total Joint Arthroplasty. Vail, CO. March 1995.

“RSF Total Hip System.” Orthomet - Total Joint Arthroplasty. Vail, CO. March 1995.

“Bone Ongrowth: Is Porous Coating Needed?” Wright Medical - Early Summer Clinical Course. Newport Beach, CA. May 1995.

“Managing Bone Loss about the knee - balancing the gaps.” Penn State University - Problems and Complications in Total Hip and Knee Arthroplasty. Hershey, PA. June 1995.

“Polyethylene Wear/Failure - to Save, Sacrifice, or Substitute the PCL.” Penn State University - Problems and Complications in Total Hip and Knee Arthroplasty. Hershey, PA. June 1995.

“Femoral Revision and Bone Loss.” Penn State University - Problems and Complications in Total Hip and Knee Arthroplasty. Hershey, PA. June 1995.

“Surgical Options in the Young Patient - Osteotomy.” Medical University of South Carolina - Reconstruction of the Arthritic Hip and Knee. Charleston, SC. June 1995.

“Femoral Options - Ongrowth Stems.” Medical University of South Carolina - Reconstruction of the Arthritic Hip and Knee. Charleston, SC. June 1995.

“Managing Complication - Extensor Mechanism.” Medical University of South Carolina - Reconstruction of the Arthritic Hip and Knee. Charleston, SC. June 1995.

“Expansion Press-fit Acetabular Components.” The Society for Arthritic Joint Surgery, 10th Annual Meeting. Sante Fe, NM. October 1995.

“Osteotomy: Principles and Results.” Eleventh Annual Current Concepts in Joint Replacement. Orlando, FL. December 1995.

“A Transfemoral Approach for Hip Revision.” Eleventh Annual Current Concepts in Joint Replacement. Orlando, FL. December 1995.

“Biomechanics of Osteotomy.” Arthritic Hip, Knee & Shoulder Symposium. Snowbird, UT. 1996.

“Rough Surfaces vs. Porous.” Arthritic Hip, Knee & Shoulder Symposium. Snowbird, UT. 1996.

“Expansion Cups.” Arthritic Hip, Knee & Shoulder Symposium. Snowbird, UT. 1996.

“Tibial Osteotomy.” Total Knee Replacement Conference, Baptist Center for Medical Education. Nashville, TN. May 1996.

“Arthroscopy for Late Onset Knee Pain.” Total Knee Replacement Conference, Baptist Center for Medical Education. Nashville, TN. May 1996.

“Use of the Transepicondylar Axis for Femoral Prosthetic Rotation for Femoral Component Rotation in Revision Total Knee Replacement.” Total Knee Replacement Conference, Baptist Center for Medical Education. Nashville, TN. May 1996.

“Wagner Revision Stem.” Arthritic Hip, Knee & Shoulder Symposium. Snowbird, UT. 1996.

“Axial Rotation of the Normal Knee.” Advances in Total Joint Arthroplasty. Park City, UT. 1996.

“Revision Hip Surgery: The Difficult Femoral Revision.” Controversies in Joint Replacement. Durango, CO. July 1996.

“Total Knee Replacement: Kinematics of the Knee.” Controversies in Joint Replacement. Durango, CO. July 1996.

“Revision Knees: Difficult Revisions - Femoral.” Controversies in Joint Replacement. Durango, CO. July 1996.

“Revision in the Severely Deficient Acetabulum with the Ganz Support Ring with Hook and the Burch-Schneider Cage.” Total Hip, Knee and Shoulder Arthroplasty Conference. Pebble Beach, CA. August 1996.

“Osteointegration: A Press Fit Alternative.” Twelfth Annual Current Concepts in Joint Replacement. Orlando, FL. December 1996.

“Expansion Press Fit: A European Alternative.” Twelfth Annual Current Concepts in Joint Replacement. Orlando, FL. December 1996.

“Roughened Surfaces - How Rough IS Rough Enough?” Advances in Total Joint Arthroplasty. Snowmass, CO. 1997.

“Proximal Stress Transfer.” Advances in Total Joint Arthroplasty. Snowmass, CO. January 1997.

“The Role of Modularity in TKR.” Advances in Total Joint Arthroplasty. Snowmass, CO. 1997.

“Matched Pair, 5-year Minimum Clinical and Radiographic Follow-up Study of an Exact Fit vs. Press-Fit Femoral Component in Total Hip Arthroplasty.” Association of Bone and Joint Surgery. Scottsdale, AZ. May 1997.

“Posterior Stabilized Knees.” Knees and Tees. Farmington, PA. May 1997.

“Bone Graft Alternatives: Prosthetic Options.” Current Concepts in Joint Replacement. Orlando, FL. December 1997.

“Prosthetic Use for Massive Bone Loss.” Current Concepts in Joint Replacement. Orlando, FL. December 1997.

“Making Press Fit Femoral Revision Work.” Current Concepts in Joint Replacement. Orlando, FL. December 1997.

“Medial Pivot TKR.” Discussion in TKR: Procedural Techniques and Prosthetic Considerations. Napa Valley, CA. June 1998.

“Rotational Alignment in Primary and Revision TKR.” Discussions in TKR: Procedural Techniques and Prosthetic Considerations. Napa Valley, CA. June 1998.

“Preserving Natural Kinematics of the Knee.” Early Fall Clinical Course Total Joint Arthroplasty. Destin, FL. September 1998.

“Thou Shalt Not Care.” Early Fall Clinical Course Total Joint Arthroplasty. Destin, FL. September 1998.

“Use of Calcium Sulfate in the Acetabulum.” Early Fall Clinical Course Total Joint Arthroplasty. Destin, FL. September 1998.

“A New Approach to Knee Kinematics.” Discussion in TKR: Procedural Techniques & Prosthetic Considerations. New York, NY. October 1998.

“Calcium Sulfate Bone Void Filler.” Current Concepts in Joint Replacement. Orlando, FL. December 1998.

“Press-Fit.” Current Concepts in Joint Replacement. Orlando, FL. December 1998.

“Recreating Normal Kinematics Following TKR: The Need for a Medical Pivot Design” A Multifaceted look at Knee Kinematics from the Surgeons View. Little Rock, Arkansas. June 1999.

“The Medial Pivot Knee: A New Approach to Knee Kinematics” Discussion in TKR: Procedural Techniques and Prosthetics Considerations. Salt Lake City, Utah. November 1999.

“Component Removal: What Works.” Current Concepts in Joint Replacement. Orlando, FL. December 1999.

“Acrylic Insufflation Capitus Femoris (AICF) for AVN.” Current Concepts in Joint Replacement. Orlando, FL. December 1999.

“Defining Femoral Component Rotation: The AP Clamp.” Current Concepts in Joint Replacement. Orlando, FL. December 1999.

“Use of Methyl Methacrylate in Treatment of Avascular Necrosis of the Hip” West Virginia Orthopedic Society Mid-Winter Meeting. Charleston, WV. January 2000.

“The Use of Calcium Sulfate in the Bone Deficient Hip.” Current Concepts in Joint Replacement: Spring 2000. Las Vegas, NV. May 2000.

“THR in the obese patient: Tips & Quips!” Current Concepts in Joint Replacement: Spring 2000. Las Vegas, NV. May 2000

“Defining Femoral Component Rotation: The AP Clamp.” Current Concepts in Joint Replacement. Orlando, FL. December 2000.

“Long Term Primary Cementless Fixation Requires Porous Coating.” Current Concepts in Joint Replacement. Orlando, FL. December 2000.

“Medial Pivot Knee: A Kinematic Choice: In the Affirmative.” Current Concepts in Joint Replacement. Orlando, FL. December 2000.

“Achieving Femoral Component Rotation: The AP Clamp.” Current Concepts in Joint Replacement. Las Vegas, NV. May 2001.

“Cup Retention or Replacement? The Whys & Wherefores.” Current Concepts in Joint Replacement. Las Vegas, NV. May 2001.

“The Ferrari of Orthopedics.” Sulzer Orthopedics 11th Annual Total Knee, Hip, and Shoulder Arthroplasty Seminar. Avon, CO. August 18, 2001.

“The Wagner Type Femoral Component.” 31st Annual Fall Hip Course. Boston, MA. October 5, 2001.

“Femoral Revision: Proximal Circumferential Allografting ETO, Trochanter Problems, When to Cement”. 31st Annual Fall Hip Course. Boston, MA. October 6, 2001.

“Fluoroscopic Analysis of a Conforming Cruciate Retaining Primary Knee Replacement.” 11th Annual Meeting of American Association of Hip and Knee Surgeons. Dallas, TX. November 9-11, 2001.

“Achieving Posterior Stability in Knee Design: Breaking into the Basics.” Current Concepts in Joint Replacement. Orlando, FL. December 2001.

“The Use of Calcium Sulfate in (Acetabular) Bone Deficiency.” Current Concepts in Joint Replacement. Orlando, FL. December 2001.

Blaha, J.D., Simons, W.H., and Kish, V.L.: Defining the Functional Axis for Total Knee Alignment. Scientific Exhibit SE22, 69th Annual Meeting of the American Academy of Orthopaedic Surgeons. Dallas, TX. Feb 2002.

Blaha, J.D., Mancinelli, C.M., and Simons, W.H.: Using the Transepicondylar Axis to Define the Sagittal Morphology of the Distal Femur. Scientific Exhibit SE35, 69th Annual Meeting of the American Academy of Orthopaedic Surgeons. Dallas, TX. Feb 2002.

Penenberg, B.L., Spotorno, L., Grappiolo, G., Burastero, G., and Blaha, J.D.: Eight to Eleven Year Review of Hybrid THA Using a Polished Femoral Stem and Cementless Titanium Acetabulum. Scientific Poster P054 69th Annual Meeting of the American Academy of Orthopaedic Surgeons. Dallas, TX. Feb 2002.

Penenberg, B.L., Spotorno, L., Grappiolo, G., Gruen, T.A., and Blaha, J.D.: Ten to Sixteen Year Follow-up of Primary THA with Cementless Grit-Blasted Components. Scientific Poster P068 69th Annual Meeting of the American Academy of Orthopaedic Surgeons. Dallas, TX. Feb 2002.

“Cross-Linked Polyethylenes: Are They Here to Stay?” Wright Medical Technology: Conservative Treatment Options in Orthopaedics. Key West, FL. March 2003.

“Balancing the Hip in THA.” Wright Medical Technology: Conservative Treatment Options in Orthopaedics. Key West, FL. March 2003

“Total Knee Replacement in the Patient Under Sixty: The Medial Pivot Knee.” Wright Medical Technology: Conservative Treatment Options in Orthopaedics. Key West, FL. March 2003

“Well, Almost: No Post Required.” Current Concepts in Joint Replacement. Las Vegas, NV. May 2003

“A Tapered Press Fit – The European Alternative.” Current Concepts in Joint Replacement. Las Vegas, NV. May 2003

“Hip Arthroplasty 2003: What’s New, What’s True? Evidence Based Issues in Hip Surgery.” Current Concepts in Joint Replacement. Las Vegas, NV. May 2003

“Cross-Linked Polyethylenes: Are They Here to Stay?” Wright Medical Technology: Conservative Treatment Options in Orthopaedics. Amelia Island, FL. June 2003

“Total Knee Replacement in the Patient Under Sixty: The Medial Pivot Knee.” Wright Medical Technology: Conservative Treatment Options in Orthopaedics. Amelia Island, FL. June 2003

“Use of Calcium Sulfate in Revision Hip Arthroplasty.” Wright Medical Technology: Conservative Treatment Options in Orthopaedics. Amelia Island, FL. June 2003.

Grand Rounds Speaker, New England Baptist Hospital. Boston, Massachusetts October 31, 2007

"The Modular Neck * Keystone to Biomechanical Restoration" Current Concepts in Joint Replacement. Orlando, FL. December 2007

"Experience with Modular Neck in Total Hip..." "Results of Total Knee Replacement using a Medially..." 2008 Michigan Orthopaedic Society Annual Scientific Meeting. Mackinaw Island, MI June 2008

International Presentations and Exhibits

"Experience With CLS Stem in Conjunction With a Self-Aligning Modular bipolar." CLS Meeting. Lugano, Italy. April 1989.

"Subsidence and Rotation of Femoral Component: Implications for CLS Stem." CLS Meeting. Lugano, Italy. April 1989.

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