

Marc T. Galloway, M.D.

Education

Undergraduate:

- University of North Carolina Chapel Hill, NC
A.B. Chemistry,

Medical School:

- Duke University School of Medicine Durham, NC
M.D.,

Post-Graduate Training

Residency:

- Yale-New Haven Hospital New Haven, CT
Intern, General Surgery,
- Assistant Resident, General Surgery
- Assistant Resident, Orthopaedic Surgery
- Chief Resident, Orthopaedic Surgery

Fellowship:

- Cincinnati Sportsmedicine and Orthopaedic Center Cincinnati, OH
Sports Medicine, Biomechanics, Arthroscopy

Present Positions

- Orthopaedic Surgeon, Mercy Health-Cincinnati Sportsmedicine and Orthopaedic Center
- Director, Professional Sports Development, Mercy Health
- Adjunct Associate Professor, University of Cincinnati, Department of Biomedical Engineering
- Head Team Physician, Cincinnati Bengals

Previous Positions

- Chief, Orthopaedics Service, Yale University Health Service
- Director, Musculoskeletal Sports Medicine, Yale University
- Team Orthopaedic Surgeon, Yale University, 1990-2000
- Director of Medical Education, Department of Orthopaedics and Rehabilitation, Yale University
- Medical Director, Yale Orthopaedic Associates
- Consultant, Division of Health Systems Regulation, State of Connecticut, Department of Public Health
- Associate Professor, Department of Orthopaedic Surgery, Division of Sports Medicine, Yale University School of Medicine, 1990 – 2000

- Team Physician / Consultant**
- Yale University 1990 - 2000
 - New Haven Night Hawks Professional Hockey 1990 - 1992
 - New Haven Public School System 1992 - 2000
 - New Haven Ravens Professional Baseball 1999 - 2000
 - Cincinnati River Hawks Professional Soccer 2000 - 2015
 - Cincinnati Public School System 2000 - Present
 - Cincinnati Gymnastics Association 2000 - Present
 - National Football League 2003 - 2011
 - NFL Players Association 2003 - 2011
 - Head Team Physician for Cincinnati Bengals 2011 - Present
 - Team Physician, Mason HS 2007 - Present
 - Team Physician, Princeton HS 2000 - Present

- Board Certification**
- National Board of Medical Examiners 1985
 - Diplomat, American Board of Orthopaedic Surgery 1993, 2003
 - Certificate of Added Qualification in Sports Medicine 2010

- Previous Committee Appointments**
- Affirmative Action Committee, Yale University School of Medicine, 1994 - 2000
 - Orthopaedic Representative for Quality Assurance, Yale-New Haven Hospital, 1994 - 1996
 - Medical Staff Presidential Advisory Committee, Yale-New Haven Hospital, 1996 - 2000
 - Chair, Orthopaedic Quality Improvement Council, Yale-New Haven Hospital, 1996 - 2000
 - Council for Delegates, Connecticut Representative, American Orthopaedic Society for Sports Medicine, 1997 - 2000
 - Committee for Accreditation of Continued Medical Education, Yale University and Yale-New Haven Hospital, 1997 - 2000
 - Medical Advisory Committee, Special Olympics Connecticut, Inc., 1999
 - Fellowship Examination Committee, American Orthopaedic Society for Sports Medicine, 1997 - 2001
 - Publications Committee, American Orthopaedic Society for Sports Medicine, 1998 - 2001
 - Membership Committee, Member, 1998 - 2001; Chairman, 2001
 - Board Member, Eastern Orthopaedic Association, 2001
 - Program Committee, American Orthopaedic Society for Sports

**Previous
Committee
Appointments
(cont.)**

Medicine, 2000-2004

- State of Ohio, Committee on Sports Medicine 2001-2004
- Research Committee, American Orthopaedic Society for Sports Medicine, 1999 – 2005
- Sports Medicine Exam Committee, American Academy of Orthopaedic Surgeons, 2003
- Awards Committee, American Orthopaedic Society for Sports Medicine 2003

**Current
Committee
Appointments**

- Education Committee, Cincinnati Medical Association
- Legislative Committee, Cincinnati Academy of Medicine
- Leadership Committee, American Orthopaedic Association
- Sports Medicine Program Committee, AAOS
- Program Committee, Basic Science AOSSM
- Council of Delegates, AOSSM
- Orthopaedic Executive Committee - Mercy Health
- Orthopaedic Outreach Committee - Mercy Health
- Co-Chairman, Sports Medicine Committee - Mercy Health

**Professional
Organizations**

- Academy of Medicine of Cincinnati
- American Medical Association
- American Academy of Orthopaedic Surgeons
- American Academy of Sports Physicians
- American Orthopaedic Association
- Arthroscopy Association of North America
- American Orthopaedic Society for Sports Medicine
- Cincinnati Medical Association
- Connecticut State Medical Society
- Eastern Orthopaedic Association
- Interurban Orthopaedic Society
- International Society of the Knee and Arthroscopic Surgery

- National Medical Association
- Orthopaedic Research Society
- Ohio State Medical Association
- NFL Team Physician Association

**Journal Review /
Boards**

- Bulletin of the Rheumatic Diseases (Editorial Board)
- Clinical Orthopaedics and Related Research
- Journal of Arthroscopic and Related Surgery
- Journal of Orthopaedic and Sports Physical Therapy
- Journal of the American Academy of Orthopaedic Surgeons
- Physician and Sports Medicine
- Yale Journal of Biology and Medicine

**Honors and
Professional
Awards**

- William A. Whitaker Scholarship, University of North Carolina
- Alpha Epsilon Delta Honor Society, University of North Carolina
- Medical Student Fellowship of the Epilepsy Foundation of America, Duke Medical School
- The Ira S. Goldenberg Award, Resident of the Year, Yale-New Haven Hospital, 1985
- Recipient, Bauerfein Fellowship, Yale University, 1990
- Wayne O. Southwick Orthopaedic Resident Teaching Award, 1995, 1999, 2000
- Best Doctors in America, 1996 – 2011
- Best Doctors in Cincinnati, Cincinnati Magazine 2000-2011
- Best Doctors in Dayton, Dayton Business Journal 2011-2012
- Arthroscopy Association of North America Research Grant, April, 1996
- Zimmer Award for Research, American Orthopaedic Association, 1998
- Ethyl F. Donaghue Women's Health Investigator Program Award for Women's Surgical Recovery: Biophysiosocial Influences, 1998
- Interurban Orthopaedic Society, 1999
- American Orthopaedic Association, 2003
- Kappa Delta Award for Orthopaedic Research 2007
- Ohio Athletic Trainers Association, Team Physician of the Year 2009
- "Top Doctor", US News and World Report, 2012

Publications

- McNamara J.O., Rigsbee L.C., and Galloway M.T.: Evidence that Substantia Nigra is Crucial to Neural Network of Kindled Seizures. *European Journal of Pharmacology*, 86(3-4): 485-486, 1983
- McNamara J.O., Galloway M.T., Rigsbee L.C., Shin C.: Evidence Implicating Substantia Nigra in Regulation of Kindled Seizure Threshold. *Journal of Neuroscience*, 4(9): 2410-2417, 1984
- Galloway M.T., Jokl P.: A Review of the Patella Plica Syndrome. *Annals of Sports Medicine*, 5(1): 38-41, 1990
- Galloway M.T., Noyes F.R.: Cystic Degeneration of the Patella After Arthroscopic Chondroplasty and Subchondral Bone Perforation. *Arthroscopy*, 8(3): 366-369, 1992
- Galloway M.T., DeMaio M., Mangine R.: Rehabilitation Techniques in the Treatment of Medial and Lateral Epicondylitis. *Orthopaedics*, 15(9): 1089-1096, 1992
- Galloway M.T., Jokl P., Dayton O.W.: Achilles Tendon Overuse Injuries. *Clinics in Sports Medicine*, 11(4), 771-782, 1992
- Galloway M.T., Jokl P.: The Role of Exercise in the Treatment of Inflammatory Arthritis. *Bulletin of Rheumatic Diseases*, 42(1): 1 – 4, 1993
- Friedlaender G.E., Galloway M.T.: Current Status of Allografting in Orthopaedic Surgery. *Advances in Operative Orthopaedics*, 1: 63-72, 1993
- Galloway M.T., Friedlaender G.E.: Knee Meniscal Transplantation. *Bulletin of Rheumatic Diseases*, 43(8): 3-5, 1994
- Lyndon C., Crisco J.J., Panjabi M., Galloway M.T.: The Effect of Elongation Rate on the Failure Properties of the Rabbit Anterior Cruciate Ligament. *Clinical Biomechanics*, 10(8): 428, 1995
- Kretzler J.E., Curtin S.L., Wegner D.A., Baumgaertner M.R., Galloway M.T.: Patellar Tendon Rupture: A Late Complication of a Tibial Nail. *Orthopaedics*, 18(11): 1109-1111, 1995
- Galloway M.T., Grood E.S., Mehalik J.N., Levy M., Saddler S.C., Noyes F.R.: Posterior Cruciate Ligament Reconstruction: An In-Vitro Study of Femoral and Tibial Graft Placement. *American Journal of Sports Medicine*, 24(4): 437-445, 1996
- Galloway M.T., Jokl P.: The Impact of Age on Sports Participation and Its Impact on Athletic Performance. *Sports Medicine and Arthroscopy Review*, 4(3): 221-234, 1996
- Nakamura S.J., Conte-Hernandez A., Galloway M.T.: The Efficacy of Regional Anesthesia for Outpatient Anterior Cruciate Ligament Reconstruction. *Arthroscopy*, 13(6): 699-703, 1997

**Publications
(cont.)**

- Galloway M.T., Jokl P.: Aging Successfully: The Importance of Physical Activity in Maintaining Health and Function. *Journal of American Academy of Orthopaedic Surgeons*, 8(1): 37-44, 2000
- Baxamusa T.H., Galloway M.T.: Irreducible Knee Dislocations Secondary to Interposed Menisci. *American Journal of Orthopaedics*, 30(2): 141-143, 2001
- Alleyne K.R., Galloway M.T.: Management of osteochondral injuries of the knee. *Clinical Sports Med* 20:343-64, 2001
- Baxamusa T.H., Baumgaertner M.R., Galloway M.T.: Myositis ossificans and hip ankylosis secondary to a muscle strain injury. *Orthopedics* 24:601-2, 2001
- Lee S.K., Arbini A.A., Galloway M.T.: Angioleiomyoma of the patellar tendon sheath. Case report. *Am J Knee Surg* 14:178-80, 2001
- Greene H.S., Cholewicki J., Galloway M.T., Nguyen C.V., Radebold A.: A history of low back injury is a risk factor for recurrent back injuries in varsity athletes. *Am J Sports Med* 29:795-800, 2001
- Galloway M.T., Kadoko R., Jokl P.: Effect of aging on male and female master athletes' performance in strength versus endurance activities. *Am J Orthop* 31:93-8, 2002
- McCauley T.R., Jee W.H., Galloway M.T., Lynch K., Jokl P.: Grade 2C signal in the meniscus on MR imaging of the knee. *Am J Roentgenol* 179:645-8, 2002
- Cholewicki J., Greene H.S., Polzhofer G.K., Galloway M.T., Shah R.A., Radebold A.: Neuromuscular function in athletes following recovery from a recent acute low back injury. *J Orthop Sports Phys Ther.* 2002 Nov; 32(11):568-75
- Juncosa N., West J.R., Galloway M.T., Boivin G.P., Butler D.L.: In vivo forces used to develop design parameters for tissue engineered implants for rabbit patellar tendon repair. *J Biomech.* 2003 Apr; 36(4):483-8
- West J.R., Juncosa N., Galloway M.T., Boivin G.P., Butler D.L.: Characterization of in vivo Achilles tendon forces in rabbits during treadmill locomotion at varying speeds and inclinations *J Biomech.* 2004 Nov; 37 (11):1647-53
- Barber-Westin S., Galloway M.T., Noyes F.R., Corbett G., and Walsh S.: Assessment of Lower Limb Neuromuscular Control in Prepubescent Athletes. *Am J Sports Med.* 2005 Dec;33(12):1853-60
- Barber-Westin SD, Noyes FR, Galloway M.: Jump-land characteristics and muscle strength development in young athletes: a gender comparison of 1140 athletes 9 to 17 years of age. *Am J Sports Med.* 2006 Mar;34 (3):375-84

**Publications
(cont.)**

- Juncosa-Melvin N, Boivin GP, Galloway MT, Gooch C, West JR, Sklenka AM, Butler DL.: Effects of cell-to-collagen ratio in mesenchymal stem cell-seeded implants on tendon repair biomechanics and histology. *Tissue Eng.* 2005 Mar-Apr;11(3-4):448-57
- Juncosa-Melvin N, Boivin GP, Gooch C, Galloway MT, West JR, Dunn MG, Butler DL.: The effect of autologous mesenchymal stem cells on the biomechanics and histology of gel-collagen sponge constructs used for rabbit patellar tendon repair. *Tissue Eng.* 2006 Feb;12 (2):369-79
- Juncosa – Melvin N., Boivin G., Galloway M., Gooch C., West, J., and Butler D.: Effects of cell-to-collagen ratio in stem cell-seeded constructs for Achilles tendon repair. *Tissue Eng.* 2006 Apr;12(4):681-9
- Juncosa-Melvin N, Shearn JT, Boivin GP, Gooch C, Galloway MT, West JR, Nirmalanandhan VS, Bradica G, Butler DL.: Effects of mechanical stimulation on the biomechanics and histology of stem cell-collagen sponge constructs for rabbit patellar tendon repair. *Tissue Eng.* 2006 Aug;12(8):2291-300
- Shearn JT, Juncosa-Melvin N, Boivin GP, Galloway MT, Goodwin W, Gooch C, Dunn MG, Butler DL. Mechanical stimulation of tendon tissue engineered constructs: effects on construct stiffness, repair biomechanics and their correlation. *J Biomech Eng.* 2007 Dec; 129(6): 848-854.
- Butler DL, Juncosa-Melvin N, Boivin GP, Galloway MT, Shearn JT, Gooch C, Awad H. Functional tissue engineering for tendon repair: An evolutionary strategy using mesenchymal stem cells, bioscaffolds and mechanical stimulation. *J Orth Res.* 2008 Jan; 26(1): 1-9.
- Nirmalanandhan VS, Juncosa-Melvin N, Shearn JT, Boivin GP, Galloway MT, Gooch C, Bradica G, Butler DL. Combined effects of scaffold stiffening and mechanical preconditioning cycles on construct biomechanics, gene expression, and tendon repair biomechanics. *Tissue Eng Part A* (2009).
- Butler D.L., Gooch C., Kinneberg K.R., Boivin G.P., Galloway, M.T. et al. The Use of Mesenchymal Stem Cells in Collagen-Based Scaffolds for Tissue-Engineered Repair of Tendons. *Nat Protoc*, 5(5): 849-63, 2010
- Foulk D.M., Galloway, M.T. Partial Triceps Disruption: A Case Report. *Sports Health*, 3: 158-169, 2011
- Shearn J.T., Kinneberg K.R., Dymment N.A., Galloway M.T., Kenter K., Wylie C., Butler D.L. Tendon Tissue Engineering: Progress, Challenges and Translation to the Clinic. *J Musculoskelet Neuronal Ineract*, 11(2): 163-73, 2011
- Herfat ST, Shearn JT, Bailey DL, Greiwe RM, Galloway MT, Goobh C, Butler DL. Effect of surgery to implant motion and force sensors on vertical ground reaction forces in the ovine model. *J Biomech Eng*, 133(2), 2011
- Kinneberg K.R.C., Galloway M.T., Butler D.L., Shearn J.T.. Effect of

**Publications
(cont.)**

Implanting a Soft Tissue Autograft in a Central-Third Patellar Tendon Defect: Biomechanical and Histological Comparisons. *J Biomech Eng*, 133(9), 2011

- Kinneberg K.R.C., Galloway M.T., Butler D.L., Shearn J.T.. The Native Cell Population Does Not Contribute to Central-Third Graft Healing at 6, 12, or 26 weeks in the Rabbit Patellar Tendon *J Orthop Res*, 31(4): 638-44, 2013
- Galloway MT, Lalley AL, Shearn JT. Current Concepts Review: The Role of Mechanical Loading in Tendon Development, Maintenance, Injury and Repair. *J Bone Joint Surgery*, 95(17): 1620-8, 2013
- Nesbitt RJ, Herfat ST, Boguszewski DV, Engel AJ, Galloway MT, Shearn JT. Primary and secondary restraints of human and ovine knees for simulated in vivo gait kinematics. *J Biomech*, 47(9): 2022-7, 2014

Book Chapters

- Galloway M.T., Grood E.S.: Posterior Cruciate Ligament Insufficiency and Reconstruction *In: Finerman G., Noyes F.R. (eds): Biology and Biomechanics of Synovial Joints: The Knee as a Model*. American Academy of Orthopaedic Surgery, Rosemont, IL, 1993
- Galloway M.T.: Strength Training for Older Individuals. *In: Mafulli N. (ed): Sports Medicine for Special Populations*. Churchill Livingstone, 2002
- Corbett, G.A. and Galloway, M.T.: Applications of Thermal Energy in Sports Medicine *In: Garrett W (ed): Orthopaedic Knowledge Update: Sports Medicine 3*. American Academy of Orthopaedic Surgery, Rosemont, IL, 2004
- Casey, K. and Galloway, M.T.: Orthopaedic Infections *In: Patel T. (ed) Orthopaedic Knowledge Update*. American Academy of Orthopaedic Surgery, Rosemont, IL. (In press)
- Busam M, Fulkerson J.P., Galloway, M.T., Gaskill T.F., Moorman C.T., Noyes F.R.. Technical Aspects of ACL Reconstruction for the General Orthopaedic Surgeon. *Instructional Course Lectures*, Vol. 60, Egol K.A. (ed.), AAOS Rosemont, pp. 485-497, 2011

Abstracts

- McNamara J.O., Iadarola M., Rigsbee L.C., Galloway M.T.: Kindled Motor Seizures are Abolished by Microinjection of Muscimol into Ventral Midbrain Tegmentum. *Neuroscience Abst*. 8:86, 1982
- McNamara J.O., Iadarola M., Rigsbee L.C., Galloway M.T.: Suppression of Kindled Motor Seizures by GABA-Mimetic Agents Microinjected into Ventral Midbrain Tegmentum. *American Epilepsy Society Meeting*. Phoenix, AZ, October, 1982
- McNamara J.O., Rigsbee L.C., Galloway M.T.: The Substantia Nigra

**Abstracts
(cont.)**

is Crucial to Generation of Seizures. 15th Epilepsy International Symposium and Epilepsy Society Meeting, September, 1983

- McNamara J.O., Rigsbee L.C., Legg S., Galloway M.T.: Microinjection of Dynorphine 1-13 into Substantia Nigra Suppresses Kindled Seizures. Society for Neurosciences. Boston, MA, Nov., 1983
- Galloway M.T., Rigsbee L.C., Legg S., McNamara J.O.: Evidence Implicating Substantia Nigra in Seizures Kindled from Multiple Forebrain Sites. Society for Neurosciences. Boston, MA, Nov., 1983
- Galloway M.T., Rigsbee L.C., McNamara J.O.: The Substantia Nigra is Crucial to the Development of Kindled Motor Seizures. North Carolina Society for the Neurosciences. Durham, NC, 1984
- Grood E.S., Mehalik J., Galloway M.T.: The Effect of Femoral Location on Graft Tension Following PCL Reconstruction. European Orthopaedic Research Society. Paris, 1991
- Mehalik J., Galloway M.T., Grood E.S., Noyes F.R.: Limits of Motion Following Posterior Cruciate Ligament Reconstruction. American Society of Mechanical Engineers. Columbus, OH, 1991
- Galloway M.T., Mehalik J., Grood E.S., Noyes F.R.: Posterior Tibial Translation Following PCL Reconstruction – the Effect of Knee Flexion Angle. AOSSM, 1992
- Galloway M.T., Mehalik J., Grood E.S., Levy M., Noyes F.R.: Tibial Displacement Following PCL Reconstruction – the Effect of Knee Position During Graft Fixation. Orthopaedic Transactions, 17:225, 1993
- Martin R., Galloway M.T., Da'igneault J.P., Guener K.: Patellofemoral Pain Following ACL Reconstruction: Bone Grafting the Patellar Defect. Arthroscopy, 11(3): 366, 1995
- Galloway M.T., Nakamura S.W., Hernandez A.: Outpatient Reconstruction of the Anterior Cruciate Ligament. Orthopaedic Transactions, 1997
- Galloway M.T., Cholewicki J.: Compatible Motor Control Impairment in Acute and Chronic Low Back Pain. World Congress Lower Back Pain, Montreal, 2001

**Selected
Presentations**

- AOA Original Studies Symposium, Duke University: Inhibition of Kindled Limbic Seizures by Selected Midbrain Injections of Inhibitory Neurotransmitters, 1983
- North Carolina Society for the Neurosciences Annual Meeting: The Role of the Substantia Nigra in the Regulation of Kindled Motor Seizures, 1983
- Meeting of the American Medical Athletic Association, the New York Marathon: Running Injuries, Current Diagnostic Techniques, 1987

Selected Presentations (cont.)

- Children's Hospital Alumni Day: Preliminary Report of the Results of Part-Time Versus Full-Time Bracing in the Treatment of Idiopathic Scoliosis, 1987
- Grand Rounds Presentation, Department of Orthopaedic Surgery, George Washington University School of Medicine: Posterior Cruciate Ligament Reconstruction
- Grand Rounds Presentation, Department of General Surgery, Yale School of Medicine: Meniscal Transplantation, 1992
- Rheumatology Grand Rounds Presentation: The Surgical Approach to the Knee, 1992
- Grand Rounds Presentation, Department of Rheumatology, Yale School of Medicine: Evaluation and Treatment of Running Injuries, 1993
- American Orthopaedic Society for Sports Medicine: Posterior Tibial Translation Following PCL Reconstruction, the Effect of Knee Flexion Angle. San Diego, CA, 1992
- American Academy of Orthopaedic Surgeons: Posterior Tibial Translation Following PCL Reconstruction, the Effect of Attachment Site. San Francisco, CA, 1993
- American Academy of Orthopaedic Surgeons: Soft Tissue Allografts in Orthopaedic Surgery. San Francisco, CA, 1993
- Arthritis Foundation, Seminar in the Rheumatic Diseases: Clinical Evaluation of Common Knee Disorders, 1993
- Eastern Orthopaedic Association: One Incision Versus Two Incision Techniques for Reconstruction of the Anterior Cruciate Ligament, 1994
- American Orthopaedic Society for Sports Medicine: Do Menstrual Irregularities and Eating Disorders Predispose to More Severe Stress Fractures in Female Athletes, 1995
- Arthroscopy Association of North America Annual Meeting: The Effect of Patellar Bone Grafting Following Anterior Cruciate Ligament Utilizing Patellar Tendon Autograft, 1995
- American Academy of Orthopaedic Surgeons Annual Meeting: Patellar Pain After ACL Reconstruction, 1996
- American Orthopaedic Association Annual Meeting: Quantitative Characterization of the Response of Bone to Implanted Tendon, 1996
- Grand Rounds, Department of Orthopaedics, University of South Carolina: The Impact of Age of Athletic Performance, 1997
- Connecticut State Medical Society Annual Meeting: Advances in the Management of Soft Tissue Trauma, 1997
- Grand Rounds, Department of Orthopaedics, Baylor College of Medicine: Soft Tissue Allografts in Orthopaedic Surgery, 1997

**Selected
Presentations
(cont.)**

- Grand Rounds, Department of Orthopaedics, Brown University: Meniscal Transplantation, Basic Science and Initial Results, 1997
- Eastern Orthopaedic Association: A Cost Analysis of Regional Versus General Anesthesia for ACL Reconstructions, 1997
- American Academy of Orthopaedic Surgeons Annual Meeting and Arthroscopy Association of North America: The Spectrum of Injuries Associated with Acute Tears of the Posterior Cruciate Ligament, 1998
- American Orthopaedic Association and Orthopaedic Research Society: Early Muscle Function is Enhanced by NSAIDs Following Contusion Injury, 1998
- Interurban Orthopaedic Society: The Aging Athlete, 1998
- Eastern Orthopaedic Society Annual Meeting: The Effect of Local Steroid Injection on Healing of Myotendinous Junction Injury of the Rat, 1998
- Yale Orthopaedic Alumni Association: The Role of Arthroscopy in the Treatment of Osteoarthritis of the Knee, 1999
- National Medical Association: Exercise for the Aging Athlete, 1999
- American College of Sports Medicine: The Role of MRI in the Evaluation of Sports Injuries, 1999
- Orthopaedic Surgery Grand Rounds, University of Virginia: Maintaining Fitness Throughout Middle-Aged and Beyond, 1999
- Arthroscopy Association of North America: Histomorphometric Analysis of Bioabsorbable Implants, 1999
- American Academy of Orthopaedic Surgeons Annual Meeting: Gender Analysis of Injuries Associated with ACL Injury, 2000
- American Academy of Orthopaedic Surgeons Annual Meeting: MRI for Evaluation of Osteochondral Injuries of the Knee, 2000
- Cincinnati SportsMedicine Research and Education Foundation: ACL Graft Selection Issues, 2001-2004
- Cincinnati SportsMedicine Research and Education Foundation: ACL Reconstruction: Use of the Quadriceps Tendon, 2002-2005
- Cincinnati SportsMedicine Research and Education Foundation: Osteochondral Grafts, 2002-2004
- Cincinnati SportsMedicine Research and Education Foundation: Role of Performance Enhancement Drugs, Supplements, and Creatine, 2002-2008
- American Academy of Orthopaedic Surgeons: The Effect of Gender on The Pattern of Associated Injuries Associated with Acute Tears of the ACL, 2002

Selected Presentations (cont.)

- Cincinnati SportsMedicine Research and Education Foundation: Advances in ACL Reconstruction and Meniscus Repair, 2003
- Cincinnati SportsMedicine Research and Education Foundation: Advances in Surgical Treatment of the Athlete's Knee with Arthritis, 2003
- Orthopaedic Research Society: In vivo Measures of Patella Tendon Forces During Level and Inclined Hopping in the Rabbit, 2003
- Orthopaedic Research Society: In vivo Measures of Achilles Tendon Forces During Level and Inclined Hopping in the Rabbit, 2003
- Cincinnati SportsMedicine Research and Education Foundation: Age-Specific Training Considerations in Athletes, 2004
- Cincinnati SportsMedicine Research and Education Foundation: Role of Osteochondral Grafts for Localized Defects, 2004
- Orthopaedic Research Society: The Effect of Mesenchymal Stem Cell Concentration on the Biomechanical Properties of Repair Tissue in a Patella Tendon Model, 2004
- Grand Rounds, University of Cincinnati, Department of Orthopaedic Surgery. Basic Science Considerations in the Choice of an ACL Graft, 2004
- Midwest Tissue Engineering Consortium: In-Vivo Measurement of Patellar Tendon Forces in the Rabbit Model. 2002
- Midwest Tissue Engineering Consortium: In-Vivo Measurement of Physiologic Loads in the Rabbit Achilles Tendon. 2002
- International Symposium on Ligaments and Tendons III: Aspects of Functional Tissue Engineering in Tendinopathies. Podium presentation, 2003
- Orthopaedic Research Society, 49th Annual Meeting: In-Vivo Forces in the Rabbit Patellar Tendon, 2003
- Orthopaedic Research Society, 49th Annual Meeting: In-Vivo Measurement of Physiologic Loads in the Rabbit Achilles Tendon, 2003
- Midwest Tissue Engineering Consortium: Mesenchymal Stem Cells-Seeded Implants for Rabbit Patellar Tendon Repair, 2003
- International Symposium on Ligaments and Tendons IV: In Vivo Mechanical Performance of Cell-Collagen Repairs to be used for Rabbit Patellar Tendon Repair, 2004
- Orthopaedic Research Society, 50th Annual Meeting, : Effects of Cell to Collagen Ratio in Mesenchymal Stem Cell-Seeded Implants on Biomechanics and Structure of Tendon Repair, 2004
- Midwest Tissue Engineering Consortium: Mesenchymal Stem Cells-Seeded Implants for Rabbit Achilles Tendon Repair. Podium

Selected Presentations (cont.)

- presentation, 2004
- International Symposium on Ligaments and Tendons V: Effects of Introducing Collagen Sponge on the Biomechanics and Histology of Stem Cell – Collagen Gel Constructs for Patellar Tendon Repair, 2005
 - International Symposium on Ligaments and Tendons V: Effect of Mechanical Stimulus on the Stiffness of Tendon Tissue Engineered Constructs in vitro and the Mechanical and Material Properties of Repaired Patellar Tendon in vivo: Correlation of in vivo and in vitro Results, 2005
 - Orthopaedic Research Society, 51th Annual Meeting: Effects of Cell to Collagen Ratio in Mesenchymal Stem Cell-Seeded Implants for Achilles Tendon Repair, 2005
 - Cincinnati SportsMedicine Research and Education Foundation: Advances on the Knee and Shoulder: Age-Specific Training Considerations in Athletes, 2005
 - Cincinnati SportsMedicine Research and Education Foundation: Advances on the Knee and Shoulder: Basic Science Considerations in ACL Reconstruction, 2006, 2007
 - Cincinnati SportsMedicine Research and Education Foundation: Advances on the Knee and Shoulder: Cartilage Regeneration and Replacement Surgery, 2007
 - American Academy of Orthopaedic Surgeons Annual Meeting: Advanced Applications of MRI in Sports Medicine and Orthopaedics Instructional Course Lecture #165. MRI in the Management of Articular Cartilage Injuries, 2008
 - Cincinnati SportsMedicine Research and Education Foundation: Advances on the Knee and Shoulder: Basic Science Considerations in ACL Surgery; Non-Operative Treatment of the Athlete's Arthritic Knee; Cartilage Regeneration and Replacement Surgery 2008
 - American Academy of Orthopaedic Surgeons Annual Meeting: Technical Aspects of ACL Reconstruction for the General Orthopaedic Surgeon Instructional Course Lecture. Biology of ACL Healing; ACL Reconstruction using Allografts, 2009
 - Cincinnati SportsMedicine Research and Education Foundation: Advances on the Knee and Shoulder: Basic Science Considerations in ACL Reconstruction; Non-Operative Treatment of the Athlete's Arthritic Knee; Cartilage Regeneration and Replacement Surgery, 2009
 - University of Vermont 2010 Robert J. Johnson MD Sports Medicine Lecture Series: Biologic Implications of Surgical Variables for ACL Reconstruction and Biologic Strategies for Enhancing Tendon Healing, February 2010
 - American Academy of Orthopaedic Surgeons Annual Meeting: Technical Aspects of ACL Reconstruction for the General Orthopaedic Surgeon Instructional Course Lecture. Biology of ACL Healing, 2010

Selected Presentations (cont.)

- Cincinnati SportsMedicine Research and Education Foundation: Advances on the Knee and Shoulder: The Biology of Tendon Healing; Factors Affecting Graft Healing After ACL Reconstruction; Non-Operative Treatment of Knee OA; Treatment Options for Osteochondral Injuries, 2010
- American Academy of Orthopaedic Surgeons Annual Meeting: Technical Aspects of ACL Reconstruction for the General Orthopaedic Surgeon Instructional Course Lecture. Biology of ACL Healing, 2011
- Cincinnati SportsMedicine Research and Education Foundation: Advances on the Knee and Shoulder: Controversies in Rotator Cuff Tear Treatment: A Case Based Approach; Update on Concussions and Avoiding Head Injuries; ACL Reconstruction: A Case Based Approach; Non-Operative Treatment of Knee OA; Microfracture: Indications and Results, 2011
- Cincinnati SportsMedicine Research and Education Foundation: Advances on the Knee, Shoulder and Sports Medicine Conference: Biologic Augmentation of Tendon Healing: Role for Success; Controversies in Rotator Cuff Tear Treatment: Presentation of Cases to the Expert Panel; ACL Reconstruction: a Case Based Approach; 2012 Advances for Cartilage and Meniscus Restoration: Presentation of Cases to the Expert Panel; Non-Operative Treatment of Knee OA; Concussions: Doc When Can I Play?; Management of the In Season Athlete: Presentation of Cases to the Expert Panel, 2012
- Cincinnati SportsMedicine Research and Education Foundation: Advances on the Knee, Shoulder and Sports Medicine Conference: Biologic Augmentation of Tendon Healing: Role for Success; Controversies in Rotator Cuff Tear Treatment: Presentation of Cases to the Expert Panel; Physiology of Concussions; Management of the In-Season Athlete: a Case Based Approach; ACL Reconstruction: a Case Based Approach; Comprehensive Examination of the Knee; 2013 Advances for Cartilage and Meniscus Restoration: Presentation of Cases to the Expert Panel; The Use and Importance of MRI to Diagnose Common Knee and Shoulder Problems: a Case Based Approach; Non-Operative Treatment of Knee OA, 2013
- Impacts of MCL and Medical Meniscus Injuries on Ovine Knee Kinematics after Healing. Poster Presentation, 60th Annual Meeting of the Orthopaedic Research Society, March 15-18, 2014, New Orleans, LA.
- Cincinnati SportsMedicine Research and Education Foundation: Advances on the Knee, Shoulder and Sports Medicine Conference: Biologic Augmentation of Tendon Healing: Role for Success; Management of the In-Season Athlete: Presentation of Cases to the Expert Panel; Comprehensive Examination of the Knee; The Use and Importance of MRI to Diagnose Common Sports Medicine Problems: A Case Based Approach, 2014
- Walnut Hills High School: A&P Surgical Techniques Lab. Presentation of Knee Anatomy and ACL Injury, Reconstruction and Rehabilitation. March 20, 2015, Cincinnati, Ohio

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