

CURRICULUM VITAE

Revised: September 14, 2012

Name:

John William Xerogeanes, M.D.

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Citizenship:

U.S.

Current Titles and Affiliations:

Academic appointments

Associate Professor of Orthopaedic Surgery 2007 -
Emory University School of Medicine

Clinical Professor
Mercer University Department of Physical Therapy
2010 – present

Clinical Professor
Georgia State University Department of Physical Therapy
2009 – present

Clinical Appointments

Chief of Sports Medicine 1999-present

Head orthopaedist and Team Physician
Georgia Tech 2001-present

Head orthopaedist and Team Physician
Emory University 1999-present

Head orthopaedist and team Physician
Agnes Scott College 2006 – present

Head orthopaedist and team physician
Atlanta Dream, WNBA Basketball Club
2008 – present

Other Administrative Appointments

Director, Emory Athletic Training Fellowship
2003 – present

Director, Emory Office-Based Orthopaedics Medical
School Elective
2003

Previous Academic Appointments

Assistant Professor of Orthopaedic Surgery 1999 -2007

Licensures/Boards

9/2/99 #47957 Georgia Medical License

Specialty Boards

Part I. American Board of Orthopaedic Surgery
July, 1997
Fellow, American Academy of Orthopaedic Surgeons
July 2001 (Recertification 2011)
AOSSM certification in Sports Medicine
Nov 2008

Education:

1983-1988 B.S. University of California, Davis
1988-1992 M.D. Emory University School of Medicine

Postgraduate Training

1992-1993 Surgical Internship
University of Pittsburgh Medical Center

1993-1994 Research Fellowship, Musculoskeletal Research Center
Pittsburgh, Pennsylvania

1994-1998 Orthopaedic Residency, University of Pittsburgh Medical Center

1998-1999 Sports Medicine Fellowship, Steadman Hawkins Clinic
Vail, Colorado

Committee Memberships

Institutional

Operating Room Committee
Emory University Hospitals
2002 – present

National/International

AOSSM Council of Delegates- GA Representative
2007-2009

Consultantships

Linvatec Corporation
2002 – present

Editorships and Editorial Boards

Journal of Athletic Training Sports and Health Care
2010 – present

Chief Editorial Consultant for Sports Medicine Web MD
1999-2000

Manuscript Reviewer

American Journal of Sports Medicine 1992 - present
Arthroscopy: The Journal of Arthroscopic and Related Surgery 1992-1996
Knee Surgery Sports Traumatology and Arthroscopy 1992-1996
Chief Editorial Consultant, WebMD
Physician and Sportsmedicine 2002 – present
Journal of Sports Science and Medicine 2007 - present
Clinical Orthopaedics and Related Research 2010 - present

Honors and Awards

National Football Foundation Award Winner 1983

AHEPA Scholar Athlete of the Year for U.S., 1983

Outstanding Clinical Research Award. American Federation for Clinical
Research. September 1990

Excellence in Research Award. American Orthopaedic Society for Sports
Medicine June 1994

Best Basic Science Award. University of Pittsburgh, Department of Orthopaedics,
April 1994

Best Basic Science Paper, Robert P. Kelly Society, 2004

Best Paper, Emory School of Medicine Research Day, 2006

Outstanding Lecturer, Georgia State University Department of Physical Therapy
2009

Best Resident Paper, Southern Orthopaedics Society Annual meeting

July 2011

Americas Top Doctors 2011

Atlanta Magazine Top Doctor Award in Sports Medicine, 2011

Press Ganey Patient Satisfaction Survey Results – Top 3% Emory University Hospital System

Society Memberships

Orthopaedics Overseas 1998

Hawkins Society 1998

Georgia Orthopaedic Society 1999

Atlanta Orthopaedic Society 1999

American Academy of Orthopaedic Surgeons 2001

American Orthopaedic Society for Sports Medicine 2002

Research Focus

We are investigating anterior cruciate ligament from the cellular, morphological, biomechanical and clinical levels. We have concentrated on the effect of maturity on ACL growth, reconstruction and injury. We have ongoing projects investigating the effects of age and sex on landing biomechanics as well as morphologic differences of the knee and their relationship to incidence of ACL injury.

Grant Support

Current

Biomaterials-Based strategies to modulate cathepsin activity and promote healing of tendon overuse injuries.

Georgia Tech Emory Regenerative Medicine Seed Grant

Consultant/Clinical Investigator.

ROI

2011-

Previous

Whitaker Foundation Grant of “In-situ Forces in Normal and Reconstructed Posterior Cruciate Ligaments -- a Robotic Approach.

University of Pittsburgh

1993 - 1998

NIH 39683 “In-Situ Forces in the Native and Reconstructed Anterior Cruciate Ligament”

ROI Grant University of Pittsburgh

1993-1998

Omeros Study (Protocol CO3512)

Double blind, multicenter phase 3 study comparing the efficacy and safety of OMS103HP with vehicle in patients undergoing autograft ACL reconstruction
Principal Investigator 2004-2009
\$120,000

Omeros Study (Protocol CO4516)
Double-blind, multicenter study evaluation the safety of OMS103HP and vehicle in patients undergoing anterior cruciate ligament reconstruction
Principal Investigator 2004 – 2008
Private Company: Omeros
\$204,408

ConforMIS Interpositional Device (iPD) study to evaluate the performance of the ConforMIS iPD.
Principal Investigator 2007-2010
Private Company
\$10,933

Clinical Service Contributions:

Orthopaedics Overseas: Active Member, April -May 1998

Head Orthopaedist: ACC Men's Basketball Tournament
Atlanta GA 2002

Head Orthopaedist NCAA Final Four Men's Basketball Tournament
Atlanta, GA 2002

Head Orthopaedist: NCAA Final Four Women's Basketball Tournament
Atlanta, GA 2003

Host AOA International Traveling Fellows
2004

Head Orthopaedist: NCAA Elite Eight Men's Basketball Tournament
Atlanta, GA 2006

Head Orthopaedist: NCAA Final Four Men's Basketball Tournament
Atlanta, GA 2007

Formal teaching

Medical student teaching

Director and Creator

Emory Office-based Orthopaedics Medical Student one-month

Two senior medical students pursuing primary care residency/month
(Clinical based elective with daily didactic sessions)

Elective 2003 – present

Medical Student Senior Discovery Elective
One-two students/year (Clinical, surgical and didactic sessions)
2010-2012

Medical Student Sophomore Discovery Elective
One medical student/year (clinical, surgical and didactic)
2010-2012

Graduate Program

Residency program

Bimonthly sports medicine journal review/lecture
Sports medicine core curriculum lecture series
(2002-2012)

Other categories

Director and Creator
Emory Athletic Training Fellowship
One year fellowship, 5 students per year
Daily clinical and surgical training, didactic sessions
2003 – present

Georgia State Department of Physical Therapy
Classroom lectures, operating room preceptorship
2004 – present

Mercer College Department of Physical Therapy Preceptorship
Classroom lectures, operating room preceptorship
2010 – present

Emory University Department of Physical Therapy Rotation
2001 – present

Georgia State Athletic Training Masters Program
Classroom lectures, on-field supervision/training, operating room
Preceptorship
2001-Present

Supervisory Teaching

PhD Students Directly supervised

Hung Soo Kim, MD, PhD
1 year clinical fellowship
2008 - 2009

Fellowships

Emory Orthopaedic Sports Medicine Fellowship
One year fellowship, 2 fellows per year
2008 – present
Daily clinical, surgical and on-field training/didactic

Emory Orthopaedic Non-operative Sports Medicine Fellowship
One year fellowship, 1 fellow per year
2010 – present
Daily clinical, surgical, and on-field training/Didactic

Residency Program

Emory Orthopaedic Residents
3rd, 4th, and 5 year residents
Daily surgical and clinical

Emory Physiatry Residents
5th year Clinical Rotation

Others

Medical student orthopaedic residency advisor
3-4 senior medical students per year
2000 – 2011

Lectureships, Seminar Invitations and Visiting Professorships

1. Notre Dame Orthopaedic Society
South Bend, IN
Anterior cruciate reconstruction in patients with open physis: advancement in 3D modeling
October, 2007
2. Emory Sports Medicine Symposium
Atlanta, GA
Evaluation and treatment of common knee injuries
April, 2007
3. Grand Rounds, University of Pittsburg Department of Orthopaedic Surgery
Pittsburgh, PA
Physéal Modeling using 3D MRI Technology
August, 2007
4. University of Pittsburgh Department of Orthopaedics
Ted McClain Visiting Professorship
Pittsburgh, PA
The evolution of the team physician
August, 2007

5. University of Pittsburg Sports Medicine Grand Rounds
Pittsburgh, PA
The Emory Orthopaedic Athletic Training Clinical Fellowship: What it is
And why we need it
August, 2007
6. Physical Therapy Department, Georgia State University
Atlanta, GA
Shoulder injuries: surgical anatomy and treatment
November, 2007
7. Office Orthopaedics, Sports Medicine and Spine Problems
Emory University School of Medicine
Atlanta, GA
Examination and diagnosis of knee injuries
How to examine the lower extremity
April, 2007
8. New England Sports Medicine Fellows Meeting
Marthas Vinyard, MA
Anatomic and double bundle ACL reconstruction
June, 2008
9. Arthrex-Emory Sports Medicine Symposium
Atlanta, GA
Anatomical concepts behind the new ACL reconstruction
Techniques for anterior and posterior labral repair
Anatomic double bundle ACL reconstruction
April, 2008
10. South American Knee Procedural Training Lab
Largo, FL
Anatomic and double bundle ACL reconstruction
November, 2008
11. Georgia State College Physical Therapy Department
Atlanta, GA
Knee injuries: surgical anatomy and treatment
May, 2008
12. Southern Orthopaedic Association 25th Annual meeting
Sea Island, GA
Anterior cruciate reconstruction of the skeletally immature: anatomic study based
on 3-D reconstruction of the proximal tibial and distal femoral physis.
August, 2008

13. Office Orthopaedics, Sports Medicine and Spine Problems
Emory University School of Medicine
Atlanta, GA
Examination and diagnosis of knee injuries
How to examine the lower extremity
April, 2008
14. Emory Sports Medicine Symposium
Posterior instability of the shoulder
Atlanta, GA
Algorithm for the treatment of ACL injuries
Injuries to the AC joint
Meniscal injuries: How do you treat?
April, 2009
15. Brazilian Orthopaedic Society Campinas Knee Meeting
Campinas, Brazil
Revision ACL surgery: pearls for success
New paradigm for ACL reconstruction
History of ACL reconstruction
May 2009
16. Real Life Orthopaedics for Trauma
Atlanta, GA
Clavical Fractures: Do we need to fix them?
May, 2009
17. Emory Department of Medicine CME Course
Chattanooga, TN
Examination and Treatment of Common Knee Injuries
June, 2009
18. Eastern Orthopaedic Association meeting
Atlantis, Bahamas
ACL symposium: why anatomic ACL reconstructions are the future
June, 2009
19. Georgia State College, Physical Therapy Department
Atlanta, GA
Surgical anatomy and treatment of shoulder injuries
May, 2009
20. Office Orthopaedics, Sports Medicine and Spine Problems
Atlanta, GA
Examination and diagnosis of knee injuries

- How to examine the lower extremity
April, 2009
21. Office Orthopaedics, Sports Medicine and Spine Problems
Atlanta, GA
Examination and diagnosis of knee injuries
How to examine the lower extremity
April, 2010
 22. Emory Sports Medicine Symposium
Atlanta, GA
Anatomic ACL Reconstruction
Injuries to the AC joint
Meniscal injuries: how do you treat?
March, 2010
 23. Georgia State College Physical Therapy Department
Atlanta, GA
Knee Injuries: surgical anatomy and treatment
Ma, 2010
 24. Pan American Clinic Resident and Fellows Symposium
Winnipeg, Canada
Anatomic reconstruction of the ACL
Meniscal repair: basic science to reality
May, 2010
 25. Emory University Department of Physical Therapy
Atlanta, GA
The Human Shoulder
June, 2010
 26. Hawkins Society Annual meeting
Hilton Head, SC
Data collection in the office setting
May 2010
 27. Pan American Clinic Resident and Fellows Symposium
Winnipeg, Canada
Posterior Bankart Repair
Arthroscopic Biceps Tenodesis: a new anatomic approach
April 2011
 28. Office Orthopaedics, Sports Medicine and Spine Problems
Emory University School of Medicine
Atlanta, GA

- Examination and diagnosis of knee injuries
April, 2011
29. Panther Global Summit
Pittsburgh, Pa
Anatomic ACL reconstruction
Revision ACL reconstruction
Pediatric revision ACL Reconstruction
August, 2011
 30. Georgia Orthopaedic Society Annual Meeting
Pediatric anatomic ACL reconstruction
Web-based state-wide grand rounds
October 2011
 31. Georgia State Physical Therapy Department
Atlanta, GA
Surgical Anatomy and treatment of shoulder injuries
October 2011
 32. Southern Orthopaedic Association Annual Meeting
Anatomic Landmarks utilized for physal-sparing anatomic ACL reconstruction:
an MRI based Study. (Best Resident Paper Award Winner)
2011
 33. Metcalf Sports Medicine Conference
Scottsdale, AZ
Pediatric ACL Reconstructions
Revision ACL Reconstructions
Double Bundle ACL Reconstructions
Patella Instability in the High Level Athlete
January, 2012
 34. Emory Sports Medicine Symposium
Update on anatomic ACL reconstructions
February 2012
 35. Mercer College Physical Therapy Department
Surgical anatomy and treatment of knee and shoulder injuries
March 2012
 36. Office Orthopaedics, Sports Medicine
Atlanta, GA
Examination and diagnosis of knee injuries
How to examine the lower extremity
April, 2012

37. Emory University Department of Physical Therapy
Atlanta, GA
The Human Shoulder
June, 2012

Invitations to National or International Conferences

(last five years)

1. American Academy of Orthopaedic Surgeons 54th Annual meeting
Anterior cruciate reconstruction of the skeletal immature: anatomic study based on 3D reconstruction of the proximal tibial and distal femoral physis.
2008
2. American Orthopaedic Society for Sports Medicine Annual meeting
Pearls to success as a young sports medicine surgeon
The Athletic trainer in clinical practice, 2009
3. American Academy of Orthopaedic Surgeons 55th Annual meeting
The technique of anatomic single bundle ACL reconstruction
2010
4. American Academy of Orthopaedic Surgeons
Anatomic landmarks utilized for physeal-sparing anatomic ACL reconstruction: an MRI based study.
2011
5. Arthroscopy Association of North America
Femoral tunnel “blowout” during ACL reconstruction: a biomechanical analysis
Anatomic landmarks utilized for physeal-sparing anatomic ACL reconstruction: an MRI based study
2011
6. Arthroscopy Association of North America Spring Meeting
Anatomic Landmarks Utilized for Physeal-Sparing anatomic ACL reconstruction: An MRI based study
April 12, 2011
7. Radiological Society of North America
Physis and epiphysis structure analysis from MRI for bone age, prediction and surgical planning.
October 26, 2011
8. American Orthopaedic Society for Sports Medicine Annual meeting
A comparison of medical assistants vs. certified athletic trainers on patient volume and revenue generation in a sports medicine practice

2011

9. Spanish Arthroscopy Association
Meniscal repair: a North American Perspective
Pediatric ACL Reconstruction: An evidence-based technique
Patella femoral pain
May 2012
10. American Orthopaedic Society for Sports Medicine Annual Meeting
Prevalence of lateral meniscal tears in the young athletic population
July 2012

Bibliography

Refereed journals

1. Kusayama T, Harner CD, Carlin GJ, **Xerogeanes JW**, Smith BA (1994) Anatomical and biomechanical characteristics of human meniscofemoral ligaments. *Knee Surg Sports Traumatol Arthrosc* 2(4)234-7.
2. Takeda Y, **Xerogeanes J**, Livesay GA, Fu FH, Woo SLY (1994) Biomechanical function of human anterior cruciate ligament. *Journal of Arthroscopic Surgery Related Surgery* 10(2) 140-147
3. Harner CD, **Xerogeanes JW**, Livesay GA, Carlin GJ, Smith BA, Kusayama T. Kashiwaguchi S, Woo S L-Y (1995) The human posterior cruciate ligament complex: an interdisciplinary study. *American Journal of Sports Medicine* 23(6)736-745
4. **Xerogeanes JW**, Takeda Y, Livesay GA, Ishibashi Y, Kim HS, Fu FH, Woo SL (1995) Effect of knee flexion on the in situ force distribution in the human anterior cruciate ligament. *Knee Surg Sports Traumatol Arthroscopy* 3(1)9-13
5. Konety BR, **Xerogeanes J**, Corral DA, Gruen G, Hrebinko R.(1996) Ureteral entrapment in the sacroiliac joint in pelvic trauma (case report) *J Trauma* 40(1)150-151
6. **Xerogeanes JW**, Fox RJ, Takeda Y, Kim HS, Ishibashi Y, Carlin GJ, Woo SL (1998) A functional comparison of animal anterior cruciate ligament models to the human anterior cruciate ligament. *Ann Biomed Eng* 26(3)345-52
7. **Xerogeanes J** (2000) A common sense approach to knee problems. *Bulletin on the Rheumatic Diseases* 49(2)1-4
8. Leversedge FJ, Casey PJ, Seiler JG III, **Xerogeanes JW** (2002) Endoscopically-assisted fasciotomy: description of technique and in-vitro assessment of lower-leg compartment decompression.. *American Journal of Sports Medicine* 30(2)272-8

9. Fry T, **Xerogeanes JW**, Reeves WC. (2005) Rehabilitation of ruptured quadriceps tendon complicated by a post-operative wound infection and delayed surgical repair. *Journal of Bodywork and Movement Therapies* 9(2)158-165
10. Sanders B, Rolf R, McClelland W, **Xerogeanes J**. (2007) Prevalence of saphenous nerve injury after autogenous hamstring harvest: an anatomic and clinical study of sartorial branch injury. *Arthroscopy* 23(9)956-63
11. **Xerogeanes JW** (2007) The athletic trainer as an orthopaedic physician extender. (Editorial) *Athletic Therapy Today* 12(1)1
12. **Xerogeanes JW**, Jarrett C. (2008) Arthroscopic techniques for the repair of the posterior Bankhart lesion. *Techniques in shoulder and elbow surgery* 9(4)175-181
13. Kercher J, **Xerogeanes J**, Tannenbaum A, Al-Hakim R, Black JC, Zhao J. (2009) Anterior cruciate ligament reconstruction in the skeletally immature: an anatomical study utilizing 3-dimensional magnetic resonance imaging reconstructions. *Journal of Pediatric Orthopaedics* 29(2)124-9
14. Jarrett CD, McClelland WB Jr, **Xerogeanes JW**. (2011) Minimally invasive proximal biceps tendonosis: an anatomical study for optimal placement and safe surgical technique. *J Shoulder Elbow Surgery* 20(3)477-80
15. Garrett WE, Kaeding CC, El Attrache NS, **Xerogeanes JW**, Hewitt MS, Skrepnik NV, Papilion JD, O'Donnell JB, Fox DL, Ruvuna F, Whitaker JS, Demopolos GA (2011) Novel drug OMS103HP reduces pain and improves joint motion and function for 90 days after arthroscopic meniscectomy. *Arthroscopy* 27(8)1060-1070
16. **Xerogeanes J**, Hammond K, Todd D. (2012) Anatomic landmarks utilized for physal-sparing anatomic ACL reconstruction: an MRI based study. *Journal of Bone and Joint Surgery* 94(3) 268-276
17. Hammond KE, Dierckman BD, Potini VC, **Xerogeanes JW**, Labib SA, Hutton WC (2012) Lateral cortical breach during anterior cruciate ligament reconstruction: a biomechanical analysis. *Arthroscopy* 28(3)365-71

Manuscripts Submitted

1. Michael Gottschalk MD, John Xerogeanes MD, Michael Newsome, PT, Intramuscular Subscapularis Tear: case report and review of the literature, Submitted *Journal of Shoulder and Elbow Surgery*, March 2012
2. Mark Magill MD, John Xerogeanes MD, Annunziato Amendola MD, Jaron Sullivan

MD, Acute Exercise Induced Compartment Syndrome While Walking, American Journal of Sports Medicine, March 2012

3. Hammond Kyle, Xerogeanes John, Todd Dane, Anatomic, Trans-Epiphyseal Anterior Cruciate Ligament Reconstruction: Surgical Technique, Journal of Bone and Joint Surgery, March 2012
4. Pecha Forrest, Lane Meagan, Xerogeanes John, Karas Spero, Mines Brandon. A comparison of medical assistants vs certified athletic trainers on patient volume and revenue generation in a sports medicine practice. Sports Health: A Multidisciplinary Approach. March 2012

Review Articles

1. Takeda Y, Xerogeanes JW, Livesay GA, Fu FH, Woo S L-Y. (1994) Biomechanical function of the human anterior cruciate ligament. *Arthroscopy* 10(2)140-147
2. Woo SLY, Ohno K, Weaver CM, Pomaybo AS, Xerogeanes JW (1994) Nonoperative treatment of knee ligament injuries. *Journal of Sports, Exercise and Injury* 1:2-13
3. Sridhar MS, Jarrett CD, Xerogeanes JW, Labib SA. (2012) Obesity and symptomatic osteoarthritis of the knee. *Journal of Bone Joint Surg Br.* 94(4)433-40

Book Chapters:

1. Livesay GA, Harner CD, Xerogeanes JW, Carlin GJ, Kusayama T, Fujie II, Kashiwaguchi S, Woo S L-Y. (1994) Anatomy and biomechanics of the human posterior cruciate ligament. IN: *Clinical Biomechanics and Related Research*. Ed: Woo S.L. NY: Springer-Verlag, 1994 pp 171-188
2. Woo S L-Y, Livesay GA, Xerogeanes JW, Rudy T. Takeda Y, Ishibashi Y. (1994) Biomechanics of the ACL and ACL reconstruction: new concepts and applications. IN: *Clinical Biomechanics and Related Research*. Ed: Woo S.L. NY: Springer-Verlag. P 189-200
3. Woo S L-Y, Xerogeanes JW. The biomechanics of soft tissue: normal, injured and healed states. IN: *Repetitive Motion Disorders of the Upper Extremity*. (AAOS Symposium). Ed. Gordon SI, Blair SJ, Fine LJ. Rosemont, IL: American Academy of Orthopaedic Surgeons. 1995, p. 161-172
4. Sexton AT, Xerogeanes JW. Arthroscopic Knee Surgery IN: *Medical Management of the Surgical Patient*, 4th edition, Cambridge University Press, 2006, pp 715-718

5. Xerogeanes JW, Goldstein J, Anatomic hamstring ACL Reconstruction. IN: Masters of Techniques of Knee Surgery, 2nd edition 2011, pp. 319-333
6. Shridar M, Xerogeanes JW. Pain control in arthroscopic surgery. IN: Medical Mangement of the Surgical patient, 5th edition. Cambridge University Press, IN PRESS: Due March 2013

Manuals, videos, computer programs and other teaching aids

1. Xerogeanes JW, Goldstein JL, Pendleton A. (2010) Anatomic single-bundle anterior cruciate ligament reconstruction. American Academy of Orthopaedic Surgery Instructional DVD