

Amanda D. Martin, DO

Sports Medicine

Arthroscopic Surgery of the Knee, Shoulder, Hip, Elbow



Dr. Martin specializes in sports injuries of the knee, hip, shoulder and elbow for both adults and children. Dr. Martin graduated from the University of Arizona with a degree in biological science and minor in French Linguistics and also graduated from Oklahoma State University Center for Health Science's College with a Doctorate of Osteopathic Medicine. Her internship and orthopedic surgical residency was completed at the University of Medicine and Dentistry of New Jersey. This was followed by two fellowships: one for orthopedic surgery in sports medicine at the American Sport Medicine Institute in Birmingham, AL and the other in Trauma, through the AO Trauma exchange, at the University of Cape Town in South Africa. Dr. Martin has been practicing orthopedics in Birmingham, AL since 2011. She has been a team physician for many high school, college, and sports clubs teams, including international travel with the US Women's National Soccer team program and Major League Soccer. Since 2012, Dr. Martin has served as chair of the Major League Soccer Medical Symposium and education committee. She often helps run injury prevention workshops with the MLS organization in conjunction with MLS works on public service initiatives. Lastly, she also continues to stay active with Doctor of Osteopathic Medicine education, both as a curriculum developer and as a board test writer.

SPECIALTIES

- Arthroscopic surgery of the Knee, Hip, Shoulder, Elbow
- Traumatic Fracture Care
- Traumatic Injuries in the Athlete
- Multiple ligament injuries in the knee
- Tibial plateau fractures
- Patellofemoral disorders
- Articular Injuries

EDUCATION

University of Cape Town (South Africa),
August 2011 – November 2011
AO International Trauma Fellow Physician

American Sport Medicine Institute, Nashville TN,
August 2010 – July 2011
Fellow Physician (Sports Medicine – Orthopaedic Surgery)

University of Medicine & Dentistry of New Jersey, School of
Osteopathic Medicine,
July 2006 – July 2010
Resident Physician (Orthopaedic Surgery)

University of Medicine & Dentistry of New Jersey, School of
Osteopathic Medicine,
July 2005 – July 2006
Intern Physician (Traditional Rotating Internship
-Orthopaedic Track)

Oklahoma State University Center for Health Science –
College of Osteopathic Medicine,
8/2001 – 5/2005
Doctor of Osteopathic Medicine (Conferred May 14, 2005)

University of Arizona,
8/1995 – 5/1999
B.S. Biological Science
BA Biochemistry conferred December 18, 2000
Minor French Linguistics

University of Arizona Paris,
1999
Paris, France

EMPLOYMENT EXPERIENCE

September 2016 – Present Elite Sports Medicine +
Orthopedics

June 2015 – August 2016 Orthopaedic Sports Institute
Eastar Health System, Muskogee, OK
Orthopaedic Surgeon
Sports Medicine & Sports Trauma

August 2011 – May 2015 Lemak Sports Medicine,
Birmingham, AL
Orthopaedic Surgeon
Sports Medicine & Sports Trauma

August 2011 – May 2015 Trinity Medical Center, Birmingham,
AL
Staff Surgeon & Physician

August 2011 – November 2011 University of Cape Town,
South Africa
AO Trauma Fellowship (Director Dr. Brain Bernstein)

August 2010 – July 2011 American Sport Medicine Institute,
Birmingham, AL
Sport Medicine Orthopaedic Surgery Fellowship

July 2006 – June 2010 University of Medicine & Dentistry of
New Jersey
School of Osteopathic Medicine

Kennedy Memorial Hospital, Cooper University Hospital,
South Jersey Health System, Al Dupont Hospital for Children,
& Our Lady of Lourdes Medical Center Orthopaedic Surgery
*Chief Resident: 2009 – 2010

University of Medicine & Dentistry of New Jersey
July 2005 – June 2006
School of Osteopathic Medicine
Kennedy Memorial Hospital & Our Lady of Lourdes Medical
Center
Traditional Rotating Internship – Orthopaedic Track
*Chief Intern

FACULTY APPOINTMENT

Jan 2012–May 2015 Co-Director Orthopaedic Sports Medicine Fellowship
American Sports Medicine Institute – Lemak Fellowship
ACGME Program Number: 2680112139
lemaksports.com

Jan 2012–May 2015 Co-Director PCOM/Trinity Medical Center Sports Medicine Fellowship
AOA Program Number: 339595
lemaksports.com
Board Certification
December 2014 The American Osteopathic Board of Orthopedic Surgery

CERTIFICATION

Current Certification: ACLS, BLS,

AO: Certificate of Completion – Basic Principles of Fracture Care (Jan 2007)

AO: Certificate of Completion – International Trauma Fellow (Nov 2011)

LICENSURES

Oklahoma Osteopathic Medical License: 5695

Alabama Medical License: DO 1125

Tennessee Osteopathic medical License 2782
NPI: 113424825
DEA: FM2006559

DISTINGUISHED SERVICES

2009-2010 Chief Resident Orthopaedic Surgery, University of Medicine & Dentistry of New Jersey, School of Osteopathic Medicine

2005-2006 Chief Intern, University of Medicine & Dentistry of New Jersey, School of Osteopathic Medicine

2004-2005 Student Member, American Osteopathic Association Board of Trustees

2004-2005 Director Political and Professional Development, National Student Osteopathic Medical Association

2003-2004 Region III Trustee, National Student Osteopathic Medical Association

2003-2005 Member, National Student Osteopathic Medical Association Board of Trustees

2002-2003 Director Political and Professional Development, National Student Osteopathic Medical Association

2000 President, Alpha Chi Omega

2000 Director Bear Down Camp, Associated Students of the University of Arizona

1999-2000 Student Senator, Associated Students of the University of Arizona

1999-2000 Chief of Staff to Student Senate President, Associated Students of the University of Arizona

PROFESSIONAL AWARDS

2012 Physician of the Month, Trinity Medical Center

2005 Outstanding and Distinguished Student Award, Oklahoma Osteopathic Association

2005 Distinguished Student Service Award, American Osteopathic Association

2004 Scholarship Award, Student Osteopathic Medical Association

PUBLICATIONS (PENDING ACCEPTANCE)

Salvo, JS; Martin AD. Radiographic Exposure in Hip Arthroscopy. (Submitted)

Salvo, JS; Miller L; Martin AD. Mean Arterial Pressure changes associated with positioning in solder arthroscopy. (Submitted)

PEER-REVIEWED POSTER PRESENTATIONS

Pollard M, MD; Martin AD, DO; Lim A, DO. (April 20, 2010). Bilateral Bipartate Patella Fractures in an Athlete. 2010 Cooper University Hospital Research Symposium.

Pollard M, MD; Martin AD, DO; Lim A, DO. (October 23, 2010). Bilateral Bipartate Patella Fractures in an Athlete. American Osteopathic Academy Orthopaedics, San Francisco, CA.

Martin AD, DO; Quercetti N, DO. (October 23, 2009). Missed Injuries turfed to a regional trauma center: Case Complication. Case presented at New Jersey Society Orthopedics.

Martin AD, DO; Lim A, DO. (October 24, 2008). Pathologic Femer Fracture in Paget's Disease of Bone. Case presented at New Jersey Society Orthopedics.

CURRENT RESEARCH PROTOCOLS

Data Collection Phase

Chronic Exertional Compartment Syndrome, University of Cape Town

A two year injury surveillance and return to play of professional football players in the United Football League

Motor ability of adolescents with long and short arm cast

Injury Surveillance of elite soccer athletes

ACADEMIC COURSES DIRECTED

2012-Present Major League Soccer, Director of Medical Education and Meetings

Medical Symposium Committee Chair (Activity Director)

2015 Academy Osteopathic Academy Orthopedics 55th Postgraduate Seminar Sports Section (activity chair and coordinator)

2013 Major League Soccer, Director of Medical Education and Meetings

Policy & Procedure Committee Chair

August 2007 UMDNJ-SOM Orthopaedic Surgery Club Cast Clinic

August 2006 UMDNJ-SOM Orthopaedic Surgery Club Cast Clinic

FELLOWSHIP PROGRAM MEDICAL FACULTY

2011 – 2015 Faculty Supervision for Sports Medicine Orthopaedic Fellows in all clinical activity

2011 – 2015 Course Director for Orthopaedic Journal Club Activity (1 hours per month)

MEDICAL DIRECTORSHIP

2012 – 2015 Assistant Medical Director, Alabama High School Football Coaches Association

2011 – 2012 Medical Director, NCAA College Cup Final 4

TEAM PHYSICIAN

- 2011 – Present Assistant Physician Coordinator, Combine Entry Physicals, Major League Soccer
- 2015 – Present Team Physician, Ft Gibson High School, Ft Gibson, Ok
- 2015 – Present Team Physician, Bacone College, Muskogee, OK
- 2015 – Present Team Physician, Conners State College, Muskogee, OK
- 2013 – 2015 Team Physician, Helena High School, Helena, AL
- 2012 – 2015 Team Physician, Team Sting Club Volleyball, AL
- 2011 – 2015 Team Physician, Hueytown High School, AL
- 2011 – 2015 Assistant Team Physician/Director of Orthopedic Sports Medicine, Jacksonville State University
- 2011 – 2015 Team Physician, Birmingham United Soccer Association
- 2013 Team Physician, US Women’s National Team U20
- 2013 Team Physician, US Women’s National Team U20 12 Nation’s Cup
- 2011 – 2012 Team Physician, Team Sting Club Volleyball, AL
- 2010 – 2011 Team Physician, Miles College, Birmingham, AL
- 2010 – 2011 Team Physician, Spain Park High School, Birmingham, AL
- 2007 – 2008 Assistant Team Physician, Camden Riversharks Professional Baseball Team, Resident Coordinator Activities and Game Coverage (2007)
- 2006 – 2010 Assistant to Cooper Bone & Joint Physicians at area high school football games, New Jersey

COMMUNITY SERVICE

- 2015-Present Council Member, Advisory Board for Sports Medicine
Indian Capital Technology Center, Muskogee, OK
- 2012-2015 Medical Advisory Board
Helena High School Sports Medicine Curriculum Program, Helena, AL
- 2008 – Present Founder & President, Ronnie & Sherri Martin Endowment for Excellence in Medicine
- 1998-2008 DO Day on the Hill
Organized student involvement (2003-2005)

PROFESSIONAL MEMBERSHIPS

- American Academy Orthopedic Surgeons American Society Sports Medicine American Osteopathic Association
- American Osteopathic Academy of Orthopedics Oklahoma Osteopathic Association
- Florida Osteopathic Medical Association New Jersey Osteopathic Medical Association
- New Jersey Orthopedic Society
- Osteopathic Political Action Committee Chairman’s club

COMMITTEES

Professional/National Committees

2015 – Present Member CAQ Board Writing Committee American Osteopathic Academy Orthopedics, Sport's Section

2015 – Present Secretary American Osteopathic Academy Orthopedics, Sport's Section

2014 – Present Member American Osteopathic Academy Orthopedics, Sport's Section

2009 – 2010 President, Residents Council to the Board
American Osteopathic Academy Orthopedics

2008 – 2009 Vice-President, Residents Council to the Board
American Osteopathic Academy Orthopedics

2007 – 2008 Secretary, Residents Council to the Board
American Osteopathic Academy Orthopedics

2005 – 2007 UMDNJ Representative
Bureau of Interns & Residents to the American Osteopathic Association

2005 – 2006 Member, Committee on Osteopathic History
American Osteopathic Association

2004-2005 Student Member, American Osteopathic Association Board of Trustees
American Osteopathic Association

2004-2005 Director Political and Professional Development,
National Student Osteopathic Medical Association

2003 – 2005 Member, Committee on Women in Medicine
American Osteopathic Association

2003-2005 Member, National Student Osteopathic Medical Association Board of Trustees
Student Osteopathic Medical Association

2003-2004 Region III Trustee, National Student Osteopathic Medical Association

2002 – 2003 Member, Committee on Public Health
American Osteopathic Association

Hospital/Practice Committees

2015- Present Member, OR Block Schedule Committee
Eastar Health Center

2014 – 2015 Member, Hospital Pharmacy and Therapeutic Committee
Trinity Medical Center

2012-2015 Chair, Practice On-Call Coverage Committee
Lemak Sports Medicine

2011-2015 Member, Graduate Medical Education Committee
Trinity Medical Center

2006 – 2010 Resident Member, Committee on Blood Conservation
University of Medicine and Dentistry New Jersey, School of Osteopathic Medicine

2005 – 2006 Intern Representative, Committee on Graduate Medical Education
University of Medicine and Dentistry New Jersey, School of Osteopathic Medicine

Education Committees

2011-2015 Member, Education Committee
Lemak Sports Medicine

2006 – 2010 Chair, Resident Committee on Student Education
University of Medicine and Dentistry New Jersey, School of Osteopathic Medicine

RECENT KEYNOTE LECTURES

Medical Student Lectures

August 2007 UMDNJ – Orthopedic Surgery Club. Cast Clinic

April 2007 UMDNJ – Internal Medicine Club. Common Sports Injury

April 2007 UMDNJ – Internal Medicine Club. Introduction to Fractures

August 2006 UMDNJ – Orthopedic Surgery Club. Cast Clinic

Residency/Fellowship Programs

July 2012 The American Sports Medicine Institute. Birmingham, AL
"From Fellowship to the great unknown: How to Transition"

August 29, 2011 University of Cape Town, Grotte Schurr Hospital. Cape Town, SA.
"Sports Medicine Emergencies."

December 27, 2010 The American Sports Medicine Institute. Birmingham, AL.
"Injuries to the Adolescent Athlete"

November 22, 2010 The American Sports Medicine Institute. Birmingham, AL.
"Fracture Presentation in Sports Medicine Practice"

September 9, 2010 The American Sports Medicine Institute. Birmingham, AL.
"The Basic Science of Bone"

Community Outreach/Lectures

December 2015 St. Francis, Association of OR Nurses, Tulsa, OK
"Hip Arthroscopy: How to Tackle the Next Generation of Surgeries"

July 2015 Muskogee Women's Conference
"Wonder Woman: Healthy Lifestyle for an Injury –Free Moms life"

August 2015 Fort Gibson High School / Muldrow High School
"ACL Injury Prevention in the High School Athlete"

July 2015 Oklahoma Schools Advisory Council, August 2015 Fort Gibson High School / Muldrow High School
"Emergency Preparedness for Coaches"

June 2012 Hoover YMCA, Hoover, AL
"Athletic Assessment and Screening"

April 2012 Town Village Birmingham, AL, June 2012 Dawson Church, Birmingham, AL / Meadowbrook Rehab, Birmingham, AL
"Wrist and Hip Fractures"

April 2012 BUSA Soccer Club / Shades Valley High School / Team Sting
"ACL Prevention in High School Females"

November 2010 Jasper, AL
"AO Technique of Intramedullary Nailing, Compression Plating, and Lag Screw Usage"

State Lectures

August 2015 30th Annual Arkansas Osteopathic Medical Association State Convention, Branson, MO
"Sports Medicine Covered from the Sideline to the Training Room"

April 2013 Oklahoma Osteopathic Association 113th Annual Convention
"The Female Athlete"

April 2013 Oklahoma Osteopathic Association 113th Annual Convention
"Treating the Orthopaedic Patient in a Team Approach"

April 2013 Oklahoma Osteopathic Association 113th Annual Convention
"Osteopathic Approach to Trauma: Case Study #2"

April 2013 Oklahoma Osteopathic Association 113th Annual Convention
"Osteopathic Approach to Trauma: Case Study #1"

April 2012 Oklahoma Osteopathic Association 112th Annual Convention
"ACL Return to Play"

National Lectures

- January 2016 MLS Medical Symposium (Hospital for Special Surgery – Sponsor)
“Round Table Discussion between MLS CMO, NCAA CMO, US Soccer CMO: Treatments and policies of MLS and US Soccer (Moderator)”
- January 2016 MLS Medical Symposium (Hospital for Special Surgery – Sponsor)
“Expert Panel Case Discussion: Controversies in Knee Injuries (Moderator)”
- April 2015 AOA Sports Medicine Update 55th Postgraduate Seminar
“Expert Panel Case Discussion and Presentation (Moderator)”
- January 2015 MLS Medical Symposium (Hospital for Special Surgery – Sponsor)
“Hamstring Module (Round Table)”
- January 2014 MLS Medical Symposium (Hospital for Special Surgery – Sponsor)
“Clavicle Fracture in the Elite Soccer Athlete: A Treatment Spectrum”
- January 2014 MLS Medical Symposium (Hospital for Special Surgery – Sponsor)
“Shoulder Dislocations in the Elite Soccer Athlete”
- March 2013 American College of Osteopathic Family Physicians Annual Convention
“Panel Expert: Women in Medicine Leadership”
- March 2013 American College of Osteopathic Family Physicians Annual Convention
“Non-operative Injuries in the Lower Extremity in Athletes”
- February 2013 University of Cape Town, Grotte Schurr Hospital. Cape Town, SA.
“Current Concepts in the Treatment of Athletes from on the Field Assessment to Return to Play.”
- October 2012 AOA/ACOF 117th Annual Convention and Scientific Seminar
“Treating the Whole Patient with Trauma – Osteopathically”
- October 2012 American Osteopathic Academy of Orthopaedics
“ACL Return to Play”
- January 2012 MLS Medical Symposium (Hospital for Special Surgery – Sponsor)
“Foot and Ankle Injuries in the Professional Soccer Player”
- Session Coordinator and Moderator
- December 2011 NCAA Soccer Symposium
“Hip injuries in the soccer population”

PRACTICE INTEREST

Arthroscopy of hip, knee, shoulder, and ankle

Traumatic fracture care

Traumatic injuries in athletes and return to play

Overuse injuries

Management of complex knee disorders: multiligament injuries, tibial plateau fractures, patellofemoral disorders, and articular injuries