

# Curriculum Vitae and Bibliography

David E Hartigan, BS MD

## Present Academic Rank and Position

|   |                   |
|---|-------------------|
| <b>Assistant Professor of Orthopedics</b> - Mayo Clinic College of Medicine and Science | 03/2018 - Present |
| <b>Consultant</b> - Department of Orthopedic Surgery, Mayo Clinic, Phoenix, Arizona     | 02/2019 - Present |

## Education

|  |                   |
|--|-------------------|
| University of Central Florida, Orlando, Florida - Undergraduate Studies  | 08/2000 - 06/2001 |
| University of North Florida, Jacksonville, Florida - BS, Biology   | 08/2001 - 12/2004 |
| Creighton University School of Medicine, Omaha, Nebraska - MD  | 08/2005 - 05/2009 |
| Orthopedic Surgery Residency Program, Mayo School of Graduate Medical Education, Mayo Clinic College of Medicine, Rochester, Minnesota - Residency     | 06/2009 - 06/2014 |
| Orthopedic Surgery, Programs in Rochester, Mayo School of Graduate Medical Education, Mayo Clinic College of Medicine, Rochester, Minnesota - Resident | 06/2009 - 06/2014 |
| OrthoCarolina, Charlotte, North Carolina - Fellow, Sports Medicine and Shoulder Elbow  | 06/2014 - 06/2015 |
| American Hip Institute, Westmont, Illinois - Fellow  | 07/2015 - 02/2016 |

## Certification

### Board Certifications

#### American Board of Orthopaedic Surgery (ABOS)

|                    |                |
|--------------------|----------------|
| Orthopedic Surgery | 2018 - Present |
|--------------------|----------------|

## Licensure

|           |                      |                |
|-----------|----------------------|----------------|
| Minnesota | (Medical)            | 07/2010 - 2014 |
| Illinois  | 036-138005 (Medical) | 07/2015 - 2016 |
| Arizona   | 50396 (Medical)      | 08/2015 - 2018 |

## Honors and Awards

|   |                |
|---|----------------|
| <b>Most Outstanding Biology Student, Best GPA in Biology Program</b> - University of North Florida                                    | 2001           |
| <b>Academic Player of the Year</b> - Peach Belt Conference  | 2003           |
| <b>Nominee</b> - Academic All American  | 2003           |
| <b>Verizon Academic All District 1st Team</b> - Verizon Academic  | 2003           |
| <b>Summa cum laude</b> - University of North Florida  | 2004           |
| <b>Alpha Omega Alpha Honor Society</b> - Creighton University School of Medicine  | 2009           |
| <b>Hoover Award for Excellence in Residency</b> - Orthopedic Surgery Residency Program, Department of Orthopedic Surgery, Mayo Clinic | 2015 - Present |

## Previous Professional Positions and Major Appointments

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|--|-------------------|
| <b>Mayo Clinic Scholar</b> - Department of Orthopedic Surgery, Mayo Clinic, Phoenix, Arizona         | 08/2015 - 01/2016 |
| <b>Senior Associate Consultant</b> - Department of Orthopedic Surgery, Mayo Clinic, Phoenix, Arizona | 01/2016 - 02/2019 |
| <b>Instructor in Orthopedics</b> - Mayo Clinic College of Medicine and Science                       | 06/2016 - 02/2018 |

## Service

### Community Memberships and Services

|                                   |             |
|-----------------------------------|-------------|
| Body Basics<br>Volunteer Teacher  | 2005 - 2006 |
| Habitat for Humanity<br>Volunteer | 2003 - 2009 |

## Professional Memberships and Societies

### Professional Memberships and Services

|   |                |
|---|----------------|
| American Academy of Orthopedic Surgeons<br>Member             | 2009 - Present |
| American Orthopaedic Society for Sports Medicine<br>Member    | 2014 - Present |
| Arizona Ballet<br>Team Physician                              | 2016 - Present |
| Arthroscopy Association of North America<br>Member            | 2013 - Present |
| Associate Instructor<br>Masters Hip Arthroscopy<br>Instructor | 2016           |
| Cactus Bowl<br>Medical Liaison                                | 2016 - Present |
| Fiesta Bowl<br>Medical Liaison                                | 2016           |
| International Society for Hip Arthroscopy (ISHA)<br>Member    | 2016 - Present |
| Mid America Orthopedic Association<br>Member                  | 2009 - Present |
| NCAA Men's Final Four<br>Medical Liaison                      | 04/2017        |
| Phoenix Rising Semiprofessional Soccer<br>Head Team Physician | 2017 - Present |

## Journal Responsibilities

### Journal Editorial Responsibilities

Arthroscopy: The Journal of Arthroscopy and Related Research  
Editorial Board Member 2018 - Present

### Journal Other Responsibilities

Arthroscopy  
Reviewer 2016 - Present

Journal of Bone and Joint Surgery American  
Reviewer 2016 - Present

Journal of Hip Preservation Surgery  
Reviewer 09/2016 - Present

The Knee  
Reviewer 2017 - Present

## Education Interests and Accomplishments

### Teaching

Knee Injuries in the Athlete 2014  
Nursing Education  
Mayo Clinic  
Rochester, Minnesota

Orthopedic Surgery Residency 2014 - 2015  
Medical School and Surgical Interest Group  
Mayo Clinic  
Rochester, Minnesota

Cartilage Restoration Techniques in the Athletes Knee 04/2014  
Orthopedic Surgery Staff  
Mayo Clinic  
Phoenix, Arizona

Visibility of the Anterolateral Ligament with Standard 1.5 T MRI 06/2015  
Charlotte Medical Center Faculty  
OrthoCarolina Research Symposium  
Charlotte, North Carolina

Research Presentation 02/2016  
American Hip Institute Research Symposium  
Hinsdale, Illinois

Exertional Compartment Syndrome of the Lower Extremity: Diagnosis and Treatment 06/2017  
Nursing Education  
Mayo Clinic  
Phoenix, Arizona

Shoulder Anatomy 11/2017  
Emergency Critical Care in Austere Environments Series 2017  
Mayo Clinic School of Continuous Professional Development (MCSCPD)  
Phoenix, Arizona

Injuries 11/2017  
Emergency Critical Care in Austere Environments Series 2017  
Mayo Clinic School of Continuous Professional Development (MCSCPD)  
Phoenix, Arizona

**Mentorship**

|  |                   |
|--|-------------------|
| Ruder, John (Orthopaedic Surgery Resident)   | 06/2015 - Present |
| <b>Description:</b> Assisted on research regarding a cadaveric distal clavicle resection study; study design and manuscript preparation    |                   |
| <b>Current Status:</b> 3rd Year Orthopedic surgery resident at Charlotte Medical Center  |                   |
| <b>Outcome:</b> Manuscript currently submitted to Arthroscopy awaiting decision  |                   |
| Chaharbakhshi, Eddie (Intern)  | 07/2015 - 02/2016 |
| <b>Description:</b> Helped with application planning, interview preparation, research mentoring, and overall guidance in the medical field |                   |
| <b>Current Status:</b> Research Intern at American Hip Institute, likely to matriculate into medical school in 2016                        |                   |
| <b>Outcome:</b>  |                   |
| Close, Mary (Intern)   | 07/2015 - 02/2016 |
| <b>Description:</b> Helped with application planning, interview preparation, research mentoring, and overall guidance in the medical field |                   |
| <b>Current Status:</b> Research Intern at American Hip Institute, likely to matriculate into medical school in 2016                        |                   |
| <b>Outcome:</b>  |                   |
| Walsh, John (Intern)   | 07/2015 - 02/2016 |
| <b>Description:</b> Helped with application planning, interview preparation, research mentoring, and overall guidance in the medical field |                   |
| <b>Current Status:</b> Research Intern at American Hip Institute, likely to matriculate into medical school in 2016                        |                   |
| <b>Outcome:</b>  |                   |
| Patel, Karan (Orthopedic Resident)   | 01/2017 - Present |
| <b>Description:</b> Assisted with multiple research projects, preparation for sports medicine fellowship, career and fellowship counseling |                   |
| <b>Current Status:</b> PGY5 Mayo Clinic Arizona Orthopedics Residency  |                   |
| <b>Outcome:</b>  |                   |

**Institutional/Departmental Administrative Responsibilities, Committee Memberships and Other Activities****Mayo Clinic in Rochester**

|                                      |             |
|--------------------------------------|-------------|
| Mayo Clinic Rochester                |             |
| Orthopedic Surgery Residency Program |             |
| Administrative Chief Resident        | 2014        |
| Surgical Interest Group              |             |
| Member                               | 2014 - 2015 |
| Resident Welcoming Committee         |             |
| Member                               | 2010 - 2015 |

**Mayo Clinic in Arizona**

|   |                   |
|---|-------------------|
| Department of Education Administration    |                   |
| Mayo Clinic College of Medicine           |                   |
| Mayo School of Graduate Medical Education |                   |
| Programs in Arizona                       |                   |
| Orthopedic Surgery                        |                   |
| Orthopedic Surgery Residency              |                   |
| Performance Evaluation Committee          |                   |
| Member                                    | 2016 - Present    |
| Clinical Competency Committee             |                   |
| Member                                    | 08/2016 - Present |
| Associate Program Director                | 04/2017 - Present |

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| Mayo Clinic Arizona Committees<br>Department of Orthopedic Surgery<br>C-Arm Standardization Workgroup<br>Member | 2017 - Present |
| Sports Medicine Program Multi-Specialty Workgroup<br>Member   | 2016 - Present |

**Activities at Other Institutions**

|  |             |
|--|-------------|
| Creighton University School of Medicine<br>Institute for Latin American Concern<br>Medical Student Volunteer | 2008        |
| Magis Clinic<br>Medical Student Volunteer  | 2007 - 2009 |

**Presentations Extramural****National or International****Oral**

|   |         |
|---|---------|
| Reconstruction of the Proximal Humerus for Bone Neoplasm Using an Anatomic Prosthesis Prosthesis-bone Graft Composite<br>11th International Congress of Shoulder and Elbow Surgery<br>Edinburgh, Scotland   | 09/2010 |
| Clinical Outcomes of Hip Arthroscopy: A Prospective Survival Analysis of Primary and Revision Surgeries in a Large Mixed Cohort<br>Hip Preservation Breakout Session<br>Mid-America Orthopedic Conference<br>Bonita Springs, Florida  | 04/2016 |
| Outcomes of Gluteus Medius Repair<br>Hip Preservation Breakout Session<br>Mid-America Orthopedic Conference<br>Bonita Springs, Florida  | 04/2016 |
| Arthroscopic Treatment of Labral Tears and Instability in Professional Dancers: Patterns of Clinical Presentation and Intraarticular Derangements, Radiological Associations, and Minimum Two-Year Outcomes<br>Hip Arthroscopy II Breakout Session<br>17th Annual EFORT Congress<br>Geneva, Switzerland | 06/2016 |
| Endoscopic Trans-Tendinous Repair of Partial Thickness Gluteus Medius Repair of Partial Thickness Gluteus Medius Tears: Clinical Outcomes with Minimum Two-Year Follow-Up<br>Hip Arthroscopy II Breakout Session<br>17th Annual EFORT Congress<br>Geneva, Switzerland                                   | 06/2016 |
| Patient Reported Outcomes for Iliopsoas Release and Capsular Plication in Patients with Acetabular Dysplasia<br>Hip Arthroscopy II Breakout Session<br>17th Annual EFORT Congress<br>Geneva, Switzerland  | 06/2016 |
| Treatment of Labral Tears in Borderline Dysplastic Hips with Arthroscopic Capsular Plication and Labral Preservation: Two-Year Clinical Outcomes with a Matched-Pair Control Group<br>Hip Arthroscopy II Breakout Session<br>17th Annual EFORT Congress<br>Geneva, Switzerland                          | 06/2016 |

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| Arthroscopic Treatment of Hip Instability in the Pediatric Population: Clinical Outcomes with Minimum Two-Year Follow-Up<br>Paediatric Hip and More Breakout Session<br>17th Annual EFORT Congress<br>Geneva, Switzerland | 06/2016 |
| Can Stem Version Consistently Correct Native Femoral Version Using Robotic Guidance in Total Hip Arthroplasty?<br>Hip Implant Positioning Breakout Session<br>17th Annual EFORT Congress<br>Geneva, Switzerland           | 06/2016 |
| Robotic Guided Total Hip Arthroplasty Results in Smaller Acetabular Cup Size in Relation to the Femoral Head Size<br>Hip Implant Positioning Breakout Session<br>17th Annual EFORT Congress<br>Geneva, Switzerland        | 06/2016 |
| Results of Hip Arthroscopy in Patients with MRI Diagnosis of Sub-Chondral Cysts - A Case Series<br>European Hip Society<br>Munich, Germany  | 09/2016 |
| Clinical Outcomes of Hip Arthroscopy in Patients with Femoral Retroversion: A Matched Study with Patients with Normal Femoral Anteversion<br>European Hip Society<br>Munich, Germany                                      | 09/2016 |
| Clinical Outcomes of Hip Arthroscopy in Radiographically Diagnosed Retroverted Acetabula<br>European Hip Society<br>Munich, Germany   | 09/2016 |
| Endoscopic Repair of Partial Thickness Undersurface Tears of the Abductor Tension (PUSTA): Clinical Outcomes with Minimum Two-Year Follow-Up<br>European Hip Society<br>Munich, Germany                                   | 09/2016 |
| Outcomes of Femoral Head Marrow Stimulation Techniques with Minimum Two year Follow-up<br>4 minute presentation with e-poster<br>European Hip Society<br>Munich, Germany  | 09/2016 |
| Arthroscopic Treatment of Labral Tears in Patients Aged 65 years and Older: A Multi-Center Study of Prospectively Collected Outcomes<br>ISHA Annual Scientific Meeting<br>San Francisco, California                       | 09/2016 |
| Results of Hip Arthroscopy in Patients with MRI Diagnosis of Sub-Chondral Cysts - A Case Series<br>ISHA Annual Scientific Meeting<br>San Francisco, California  | 09/2016 |
| Clinical Outcomes of Hip Arthroscopy in Radiographically Diagnosed Retroverted Acetabula<br>Eastern Orthopaedic Association<br>New Orleans, Louisiana   | 10/2016 |
| Iliopsoas Release and Capsular Plication in Acetabular Dysplasia: Clinical Outcomes<br>Eastern Orthopaedic Association<br>New Orleans, Louisiana  | 10/2016 |

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| When Do We Need to Address the Hill Sachs in Shoulder Instability<br>Shoulder Instability Case Presentations<br>Mayo Clinic Comprehensive Shoulder and Elbow Course: Current Concepts and<br>Controversies<br>Scottsdale, Arizona    | 01/2017 |
| Hip Pain<br>Mayo Clinic Clinical Reviews 2017: 28th Annual Family Medicine and Internal<br>Medicine Update<br>Phoenix, Arizona   | 03/2017 |
| Rotator Cuff Tear<br>Mayo Clinic Clinical Reviews 2017: 28th Annual Family Medicine and Internal<br>Medicine Update<br>Phoenix, Arizona  | 03/2017 |
| Clinical Outcomes of Femoral Head Microfracture: A Group-Matched Controlled<br>Study with Minimum Two-Year Follow-Up<br>Mid-American Orthopaedic Association 35th Annual Meeting<br>Amelia Island, Florida                           | 04/2017 |
| Radiographic Risk Factors and Signs of Abductor Tears in the Hip<br>Mid-American Orthopaedic Association 35th Annual Meeting<br>Amelia Island, Florida   | 04/2017 |
| Endoscopic Repair of Partial Thickness Undersurface Tears of the Abductor<br>Tendon (PUSTA): Clinical Outcomes with Minimum Two-Year Follow-Up<br>Arthroscopy Association of North America (AANA) Annual Meeting<br>Denver, Colorado | 05/2017 |
| Hip Pain: Anatomy, Diagnosis, Exam, Imaging, Treatment<br>EXOS<br>Phoenix, Arizona   | 06/2017 |
| Hip Pathology in the Young and Old Patient<br>EXOS<br>Phoenix, Arizona   | 06/2017 |
| Anatomy and Physical Exam of the Ankle<br>Professional Hockey Athletic Trainers Society/Society of Professional Hockey<br>Equipment Managers (PHATS/SPHEM)<br>Phoenix, Arizona   | 06/2017 |
| Anatomy and Physical Exam of the Hip<br>Professional Hockey Athletic Trainers Society/Society of Professional Hockey<br>Equipment Managers (PHATS/SPHEM)<br>Phoenix, Arizona   | 06/2017 |
| Case Examples of Hip<br>Professional Hockey Athletic Trainers Society/Society of Professional Hockey<br>Equipment Managers (PHATS/SPHEM)<br>Phoenix, Arizona   | 06/2017 |
| Case Examples of Ankle Injuries in Hockey<br>Professional Hockey Athletic Trainers Society/Society of Professional Hockey<br>Equipment Managers (PHATS/SPHEM)<br>Phoenix, Arizona  | 06/2017 |
| Physical Exam Findings and Treatment of Common Ankle Injuries<br>Professional Hockey Athletic Training Society/Society of Professional Hockey<br>Equipment Managers (PHATS/SPHEM) Annual Conference<br>Phoenix, Arizona              | 06/2017 |

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| Radiographic Risk Factors and Signs of Abductor Tears in the Hip<br>American Orthopaedic Society for Sports Medicine (AOSSM) Annual Meeting<br>Toronto, Ontario, Canada             | 07/2017 |
| Biceps Death: Above, at, or Below the Groove<br>Mayo Clinic Comprehensive Shoulder and Elbow Course: Current Concepts and<br>Controversies 2018<br>Scottsdale, Arizona              | 01/2018 |
| Hip Disease from Young to Old<br>Mayo Clinic Clinical Reviews 2018<br>Phoenix, Arizona  | 03/2018 |
| Abductor Tendon Tears of the Hip<br>1st Annual Mayo Clinic Sports Medicine Summit: Care for the Athlete<br>Phoenix, Arizona   | 04/2018 |
| Co-Director<br>1st Annual Mayo Clinic Sports Medicine Summit: Care for the Athlete<br>Phoenix, Arizona  | 04/2018 |
| Femoroacetabular Impingement: Symptoms, Exam, Imaging and Treatment<br>1st Annual Mayo Clinic Sports Medicine Summit: Care for the Athlete<br>Phoenix, Arizona                      | 04/2018 |
| First Time Patellar Dislocations<br>1st Annual Mayo Clinic Sports Medicine Summit: Care for the Athlete<br>Phoenix, Arizona   | 04/2018 |
| Meniscus: When to Order an MRI and Treatment<br>1st Annual Mayo Clinic Sports Medicine Summit: Care for the Athlete<br>Phoenix, Arizona   | 04/2018 |
| Snapping Hip<br>1st Annual Mayo Clinic Sports Medicine Summit: Care for the Athlete<br>Phoenix, Arizona   | 04/2018 |
| Shoulder Instability in Adults<br>1st Annual Mayo Clinic Sports Medicine Summit: Care for the Athlete<br>Phoenix, Arizona   | 04/2018 |
| Co-Course Director<br>2nd Annual Mayo Clinic Sports Medicine Summit: Care for the Athlete<br>Tempe, Arizona   | 04/2019 |
| Examination of the ACL Deficient<br>2nd Annual Mayo Clinic Sports Medicine Summit: Care for the Athlete<br>Tempe, Arizona   | 04/2019 |
| Meniscal Root Tear: How to Treat (Moderator/Speaker)<br>2nd Annual Mayo Clinic Sports Medicine Summit: Care for the Athlete<br>Tempe, Arizona                                       | 04/2019 |
| <b>Poster</b>   |         |
| Visibility of Anterolateral Ligament Tears in ACL Deficient Knees with Standard<br>1.5T MRI<br>Arthroscopy Association of North America<br>Boston, Massachusetts                    | 04/2016 |
| Clinical Outcomes of Femoral Head Microfracture: A Group-Matched Controlled<br>Study with Minimum Two-Year Follow-Up<br>ISHA Annual Scientific Meeting<br>San Francisco, California | 09/2016 |



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| Clinical Outcomes of Hip Arthroscopy in Patients with Femoral Retroversion: A Matched Study to Patients with Normal Femoral Anteversion<br>ISHA Annual Scientific Meeting<br>San Francisco, California  | 09/2016 |
| Clinical Outcomes of Hip Arthroscopy in Radiographically Diagnosed Retroverted Acetabula<br>ISHA Annual Scientific Meeting<br>San Francisco, California   | 09/2016 |
| Clinical Outcomes of Iliopsoas Release and Capsular Plication in Patients with Acetabular Dysplasia: Restoring the Static Stabilizers may Obviate the Need for a Pathologic Dynamic Stabilizer<br>ISHA Annual Scientific Meeting<br>San Francisco, California | 09/2016 |
| Clinimetric Data on Patient Reported Outcomes for Hip Preservation Surgery: Review of the Literature<br>ISHA Annual Scientific Meeting<br>San Francisco, California   | 09/2016 |
| Endoscopic Repair of Partial Thickness Undersurface Tears of the Abductor Tendon (Pusta): Clinical Outcomes with Minimum Two-Year Follow-Up<br>ISHA Annual Scientific Meeting<br>San Francisco, California  | 09/2016 |
| Imaging of Abductor Tears: Stepwise Technique for Accurate Diagnosis<br>ISHA Annual Scientific Meeting<br>San Francisco, California   | 09/2016 |
| Endoscopic Repair of Partial Thickness Undersurface Tears of the Abductor Tendon (PUSTA): Clinical Outcomes with Minimum Two-Year Follow-Up<br>Mid-American Orthopaedic Association 35th Annual Meeting<br>Amelia Island, Florida                             | 04/2017 |
| Evaluation of MPFL Reconstruction: A Novel Outcome Scoring System for Patellar Instability<br>Arthroscopy Association of North America Annual Meeting<br>Denver, Colorado   | 05/2017 |
| Clinical Outcomes of Hip Arthroscopy in Patients with Femoral Retroversion: A Matched Study to Patients with Normal Femoral Anteversion<br>Arthroscopy Association of North America (AANA) Annual Meeting<br>Denver, Colorado                                 | 05/2017 |
| Outcomes of Femoral Head Marrow Stimulation Techniques with Minimum Two Year Follow-Up<br>Arthroscopy Association of North America (AANA) Annual Meeting<br>Denver, Colorado  | 05/2017 |
| Does greater trochanter decortication affect suture anchor pullout strength in abductor tendon repairs?: A biomechanical study<br>ISHA 2017<br>Santiago, Chile  | 10/2017 |
| Hip arthroscopy following contralateral total hip arthroplasty: A Matched Pair study<br>ISHA 2017<br>Santiago, Chile  | 10/2017 |
| Results of Hip Arthroscopy in Patients with MRI Diagnosis of Sub-Chondral Cysts: A Case Series<br>American Academy of Orthopaedic Surgeons<br>New Orleans, Louisiana  | 03/2018 |

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|---|---------|
| Results of Hip Arthroscopy in Patients with MRI Diagnosis of Sub-Chondral Cysts:<br>A Case Series<br>American Academy of Orthopaedic Surgeons<br>New Orleans, Louisiana                           | 03/2018 |
| Concurrent Open and Arthroscopic Surgical Management for Hip Dysplasia Does<br>Not Reduce the Rate of Reoperation<br>2018 AAHKS Annual Meeting<br>Dallas, Texas                                   | 11/2018 |
| <b>Regional</b>   |         |
| <b>Oral</b>   |         |
| A Career in Medicine<br>Rural High School Students<br>Corning, Iowa   | 11/2007 |
| Allograft Prosthesis Composite in Proximal Humerus Lesions<br>Annual Meeting of the Mid-America Orthopedic Association<br>Bonita Springs, Florida   | 04/2012 |
| Clinical Outcomes of Hip Arthroscopy: A Prospective Survival Analysis of Primary<br>and Revision Surgeries<br>Annual Meeting of the Mid-America Orthopedic Association<br>Bonita Springs, Florida | 04/2016 |

### **Clinical Practice, Interests, and Accomplishments**

Hip preservation, Knee ligament reconstruction, Meniscus treatment, Shoulder instability, Arthroscopic rotator cuff repair, Cartilage restoration techniques about the knee

### **Research Interests and Accomplishments**

Anterior cruciate ligament (ACL) injuries, Meniscus injuries, Cartilage restoration and transplantation, Meniscus transplantation, Hip labral tears, Arthroscopic treatment of femoroacetabular impingement, Athletic hip injuries, Shoulder instability, Athletic shoulder injuries

## Bibliography

### Peer-reviewed Articles

1. Rangachari V, Moore BD, Reed DK, Sonoda LK, Bridges AW, Conboy E, **Hartigan D**, Rosenberry TL. Amyloid-beta(1-42) rapidly forms protofibrils and oligomers by distinct pathways in low concentrations of sodium dodecylsulfate. *Biochemistry*. 2007 Oct 30; 46(43):12451-62. Epub 2007 Oct 02. PMID: 17910477 DOI: 10.1021/bi701213s
2. Fehringer EV, Rosipal CE, Rhodes DA, Lauder AJ, Puumala SE, Feschuk CA, Mormino MA, **Hartigan DE**. The radiographic acromiohumeral interval is affected by arm and radiographic beam position. *Skeletal Radiol*. 2008 Jun; 37(6):535-9. PMID: 18343920 DOI: 10.1007/s00256-008-0467-y
3. **Hartigan DE**, Veillette CJ, Sanchez-Sotelo J, Sperling JW, Shives TC, Cofield RH. Reconstruction of the proximal humerus for bone neoplasm using an anatomic prosthesis-bone graft composite. *Acta Orthop Belg*. 2012 Aug; 78(4):450-7. PMID: 23019776
4. Walker J, **Hartigan DE**, Stuart MJ, Krych A. Anterior Closing Wedge Tibial Osteotomy for Failed Anterior Cruciate Ligament Reconstruction *J Knee Surg Rep* 2015.2015;1:(01):051-056. DOI: DOI: 10.1055/s-0035-1551548
5. **Hartigan DE**, McCarthy MA, Krych AJ, Levy BA. Arthroscopic-assisted reduction and percutaneous fixation of tibial plateau fractures. *Arthrosc Tech*. 2015 Feb; 4 (1):e51-5 Epub 2015 Feb 02 PMID: 25973374 PMCID: 4427637 DOI: 10.1016/j.eats.2014.11.002
6. **Hartigan DE**, Beran MC, Fleischli JE, D'Alessandro DF, Zheng NN. Biomechanical Evaluation of Two Arthroscopic Biceps Tenodesis Techniques: Proximal Interference Screw and Modified Percutaneous Intra-Articular Transtendon. *Am J Orthop (Belle Mead NJ)*. 2016 Jul-Aug; 45: (5)E261-7. PMID: 27552463
7. **Hartigan DE**, Perets I, Walsh JP, Close MR, Domb BG. Clinical Outcomes of Hip Arthroscopy in Radiographically Diagnosed Retroverted Acetabula. *Am J Sports Med*.2016 Jul 20; PMID: 27440805 DOI: 10.1177/0363546516652615
8. **Hartigan DE**, Carroll KW, Kosarek FJ, Piasecki DP, Fleischli JF, D'Alessandro DF. Visibility of Anterolateral Ligament Tears in Anterior Cruciate Ligament-Deficient Knees With Standard 1.5-Tesla Magnetic Resonance Imaging. *Arthroscopy*. 2016 Oct; 32 (10):2061-2065 Epub 2016 Apr 05 PMID: 27056290 DOI: 10.1016/j.arthro.2016.02.012
9. Flores S, **Hartigan D**, Patel KA, Roberts J, Chhabra A. Novel operation of snapping biceps femoris tendon. *J Knee Surg Rep*.2016 Dec; DOI: <http://dx.doi.org/10.1055/s-0036-1598013>
10. \* Patel KA, Chhabra A, Goodwin JA, **Hartigan DE**. Identification of the Anterolateral Ligament on Magnetic Resonance Imaging. *Arthrosc Tech*. 2017 Feb; 6 (1):e137-e141 Epub 2017 Jan 30 PMID: 28373952 PMCID: 5368341 DOI: 10.1016/j.eats.2016.09.015
11. \* Domb BG, **Hartigan DE**, Perets I. Decision Making for Labral Treatment in the Hip: Repair Versus Debridement Versus Reconstruction. *J Am Acad Orthop Surg*. 2017 Mar; 25: (3)e53-e62. PMID: 28195988 DOI: 10.5435/JAAOS-D-16-00144
12. \* Perets I, **Hartigan DE**, Chaharbakhshi EO, Walsh JP, Close MR, Domb BG. Knotless labral reconstruction using intraarticular graft customization - surgical technique. *Arthroscopy (accepted)*.2017;
13. \* Perets I, **Hartigan DE**, Chaharbakhshi EO, Close MR, Walsh JP, Domb BG. Outcomes of capsular plication in athletes undergoing hip arthroscopy with minimum two-year follow-up. *Arthroscopy (accepted)*.2017;
14. \* Perets I, Gupta A, Chaharbakhshi EO, Ashberg L, **Hartigan DE**, Close MR, Domb BG. Does Bony Regrowth Occur After Arthroscopic Femoroplasty in a Group of Young Adolescents? *Arthroscopy*.2017 Mar 13; DOI: pii: S0749-8063(17)30097-X. doi: 10.1016/j.arthro.2017.01.023
15. Perets I, **Hartigan DE**, Chaharbakhshi EO, Walsh JP, Close MR, Domb BG. Circumferential Labral Reconstruction Using the Knotless Pull-Through Technique-Surgical Technique. *Arthrosc Tech*. 2017 Jun; 6: (3)e695-e698. PMID: 28706819 PMCID: 5495579 DOI: 10.1016/j.eats.2017.01.014
16. Chandrasekaran S, Walsh JP, **Hartigan DE**, Lodhia P, Suarez-Ahedo C, Domb BG. Posterolateral Acetabuloplasty and Distal Femoral Neckplasty, Labral Repair, and Capsular Plication for Hip Reverse Contre-Coupe Lesion. *Arthrosc Tech (in press)*.2017;
17. Patel KA, Chhabra A, Makovicka JL, Bingham J, Piasecki DP, **Hartigan DE**. Anterior Cruciate Ligament Tunnel Placement Using the Pathfinder Guide. *Arthrosc Tech*. 2017 Aug; 6 (4):e1291-e1296 Epub 2017 Aug 14 PMID: 29354431 PMCID: 5622279 DOI: 10.1016/j.eats.2017.05.009

18. Patel KA, Chhabra A, Goodwin JA, Brown JC, **Hartigan DE**. Arthroscopic Iliopsoas Release at the Level of the Lesser Trochanter Following Total Hip Arthroplasty. *Arthrosc Tech*. 2017 Aug; 6 (4):e1421-e1426 Epub 2017 Aug 28 PMID: 29354451 PMCID: 5622410 DOI: 10.1016/j.eats.2017.05.023
19. **Hartigan DE**, Perets I, Walsh JP, Domb BG. Femoral Derotation Osteotomy Technique for Excessive Femoral Anteversion. *Arthrosc Tech*. 2017 Aug; 6 (4):e1405-e1410 Epub 2017 Aug 28 PMID: 29354448 PMCID: 5622587 DOI: 10.1016/j.eats.2017.05.027
20. \* Perets I, **Hartigan DE**, Chaharbakhshi EO, Ashberg L, Ortiz-Declet V, Domb BG. Outcomes of Hip Arthroscopy in Competitive Athletes. *Arthroscopy*. 2017 Aug; 33 (8):1521-1529 Epub 2017 May 12 PMID: 28506616 DOI: 10.1016/j.arthro.2017.03.006
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\* Indicates that the primary author was a mentee of this author.