

# **John Hur, M.D.**

## *Curriculum Vitae*

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### **CURRENT PRACTICE**

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Methodist Sports Medicine / The Orthopedic Specialists  
201 Pennsylvania Parkway, Suite 200  
Indianapolis, IN 46280  
(317) 817-1200

### **PERSONAL**

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Home Address:

Home Telephone:

Cellular Telephone:

Email:

Birth date: June 1, 1971

Citizenship: USA

Marital Status: Married

Spouse: Jennifer Roh Hur, MD  
Assistant Clinical Professor of Internal Medicine  
University Hospital, Indianapolis, IN

Children: Three

### **EDUCATION**

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2005 to 2006 **Hospital for Special Surgery**  
Fellow in Adult Reconstruction  
Fellowship Director: Mathias Bostrom, MD

2004 to 2005 **Brown University Department of Orthopaedic Surgery**  
Fellow in Orthopaedic Trauma  
Rhode Island Hospital  
Fellowship director: Peter G. Trafton, MD

2000 to 2004 **Brown University Department of Orthopaedic Surgery**  
Resident in Orthopaedics  
Rhode Island Hospital  
Chairman: Michael G. Ehrlich, MD

1999 to 2000 **Brown University Department of General Surgery**

Intern in General Surgery  
Rhode Island Hospital  
Chairman: Kirby Bland, MD

1995 to 1999      **SUNY Health Science Center at Syracuse**  
Doctor of Medicine  
Alpha Omega Alpha, Gamma chapter

1989 to 1993      **Massachusetts Institute of Technology**  
Bachelor of Science  
Aeronautical/Astronautical Engineering

## **ACADEMIC APPOINTMENTS**

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2007      **Volunteer Faculty**  
Indiana University Department of Orthopaedic Surgery  
Indiana University

2005      **Senior Clinical Associate in Orthopaedic Surgery**  
Weill Medical College of Cornell University  
Hospital for Special Surgery

2004      **Clinical Instructor**  
Brown University Department of Orthopaedic Surgery  
Rhode Island Hospital

2003      **Assistant Clinical Instructor**  
Brown University Department of Orthopaedic Surgery  
Rhode Island Hospital

## **ACHIEVEMENTS**

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2005      First Place Categorical (Hip) Poster award AAOS Annual Meeting, Washington D.C.

1999      Cum Laude distinction in medical school

1998      Alpha Omega Alpha, SUNY Health Science Center at Syracuse

1998      Internal medicine chairman's Letter of Commendation

1997      Elected medical school class secretary

1995      Dean's Letter of Commendation, Medical school years 1-4

1995      Medical Alumni Association Scholarship

1993      Captain and quarterback, Division III College football.  
ECAC Coach's Award for Outstanding Team Leadership. 4 year letter winner.

1989      Captain and quarterback, High school football.  
New York All-City quarterback. 4 year letter winner.

## ONGOING RESEARCH

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**Hur J.** Retrospective review of total knee alignment and outcome using pin-less, image-less computer navigation. Series of 500 patients.

**Hur J, Condict K.** Case series report on 3 total hip revisions using the Smith and Nephew MDF femoral revision stem.

**Hur J, Gotha H, Pellicci PM.** The outcome of the cemented Synergy femoral component in total hip arthroplasty after a minimum five year follow-up. The results of one surgeon. Paper in progress.

**Hur J, Coburn JC, Moore DC, Crisco JJ, Bliss JM, Limbird RS.** Mechanical comparison of acetabular constructs in pelvic discontinuity. Comparative study assessing the initial stability at the pelvic discontinuity after fixation with various constructs (Burch-Schneider APC, GAP ring, Depuy ZTT II porous coated cup, with and without posterior reconstruction plate). Developed and evaluated a novel biomechanical technique using 3D motion detection to assessment displacement. Posters presented to the 2005 AAOS and ORS meetings.

**Hur J, Banerjee R, Bliss JM, Froehlich J.** Pelvic obliquity in lateral decubitus positioning in total hip arthroplasty. Prospective study assessing pelvic obliquity and version using intraoperative radiographs and final cup positioning using postoperative radiographs. Currently collecting patients.

Patel A, **Hur J**, Froehlich JA, Limbird RS. Sleeve-Stem Failure of Modular Femoral Components: Report of 2 cases and review of the literature.

## PUBLICATIONS and ABSTRACTS

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1. Fibroma of Tendon Sheath of the Infrapatellar Fat Pad.  
**Hur J, Damron TA, Vermont AI, Mathur S.** *Skeletal Radiology*. 1999 Jul; 28(7):407-10.
2. Biomechanical investigation of proximal tibial defects due to tumors.  
Weiner MM, Patterson FR, Damron TA, **Hur J**, Mann KA, Werner FW. Abstract presented at the 45 Annual Meeting, Orthopaedic Research Society, February 1-4, 1999, Anaheim, CA.
3. Flexor Hallucis Longus Transfer for Repair of Chronic Achilles Tendinopathy. Tashjian RZ, **Hur J**, Sullivan RJ, Campbell JT, DiGiovanni CW. *Foot & Ankle International* 2003 Sep; 24(9): 673-6.
4. Technique Tip: Postoperative Pin Care of External Fixators.  
**Hur J, Campbell R, DiGiovanni CW.** *Foot & Ankle International* 2005 Dec; 26: 1099-1100.
5. Technique Tip: **Technique Tip: Gastroc-soleal fascia recession to aid in Acute or Subacute Achilles Repair.**  
Campbell R, **Hur J**, DiGiovanni CW. Submitted to *Foot & Ankle International*.
6. Novel technique removing metal debris from the wound in total joint revision.  
**Hur J, Limbird RS.** Submitted to *Journal of Arthroplasty*.
7. Mechanical comparison of acetabular constructs in pelvic discontinuity.  
**Hur J, Coburn J, Moore DC, Crisco JJ, Bliss JM, Limbird RS.**  
Posters presented to the 2005 AAOS and ORS meetings.

8. Failure mechanisms and closed reduction of a constrained tripolar acetabular liner.  
Robertson WJ, Mattern CJ, **Hur J**, Su EP, Pellicci PM. *Journal of Arthroplasty* 2009 Feb; 24 (2): 322. E5-11.
9. Treatment of infected total hip arthroplasty with a 2-stage reimplantation protocol: update on “our institution’s” experience from 1989 to 2003.  
Toulson C, Walcott-Sapp S, **Hur J**, Salvati E, Bostrom M, Brause B, Westrich GH. *Journal of Arthroplasty*. 2009 Oct; 24(7): 1051-60.

## **PREVIOUS RESEARCH EXPERIENCE**

- 1999 Development of an orthopaedic computer module teaching bone and soft tissue tumors to residents and medical students.
- 1994 Molecular biological analysis of the mechanism of erythropoietic protoporphyria; in collaboration with Dr. S. Piomelli, Division of Pediatric Hematology/Oncology, College of Physicians & Surgeons, New York, NY.
- 1993 Development of purification methods for phospholipase A2 from snake venom; in collaboration with Dr. R. Langer, Department of Chemical Engineering, M.I.T., Cambridge, MA.
- 1992 Shape Control of a Deformable Structure Using PMN Electrostrictive Actuators; in collaboration with Dr. N. Hagood, Department of Aeronautical and Astronautical Engineering, M.I.T., Cambridge, MA.
- 1991 Design and development of hardware and electronics for a NASA-contracted developmental model of an active flexible truss structure for testing in the space shuttle; in collaboration with Dr. E.F. Crawley, Department of Aeronautical and Astronautical Engineering, M.I.T., Cambridge, MA.

## **LOCAL PRESENTATIONS**

- 2010 “Total hip arthroplasty”  
MSMTOS Grand rounds.  
Indianapolis, IN
- 2009 “Total joint arthroplasty for the younger patient”  
Orthopedic Symposium for Primary Care and Pediatric Physicians  
Indianapolis, IN
- 2009 “State of the art joint replacement”  
Clarian North Seminar  
Carmel, IN
- 2009 “Total knee arthroplasty”  
MSMTOS Grand rounds.  
Indianapolis, IN

- 2009 “Total hip arthroplasty”  
MSMTOS Grand rounds.  
Indianapolis, IN
- 2008 “State of the art total knee arthroplasty”  
Orthopedic Symposium for Primary Care and Pediatric Physicians  
Indianapolis, IN
- 2008 “State of the art joint replacement”  
Clarian North Seminar  
Carmel, IN
- 2008 “Computer navigated total knee arthroplasty”  
Indiana Orthopaedic Society Annual Meeting  
Indianapolis, IN
- 2008 “Total knee arthroplasty”  
MSMTOS Grand rounds.  
Indianapolis, IN
- 2008 “Minimally invasive total knee and hip replacement”  
Clarian North Seminar  
Carmel, IN
- 2008 “Total hip arthroplasty”  
MSMTOS Grand rounds.  
Indianapolis, IN
- 2007 “Total knee arthroplasty”  
MSMTOS Grand rounds.  
Indianapolis, IN
- 2007 “Knee and hip joint pain”  
Arthritis Foundation Seminar  
Indianapolis, IN
- 2007 “Easing the pain of knee arthritis”  
OASIS Seminar  
Indianapolis, IN
- 2007 “Knee and hip joint pain”  
Clarian North Seminar  
Carmel, IN
- 2007 “Total hip arthroplasty”  
MSMTOS Grand rounds.  
Indianapolis, IN
- 2006 “Knee and Hip arthritis”  
Clarian North Seminar  
Carmel, IN

- 2006 “Postoperative care of the total joint patient”  
MSMTOS Grand Rounds  
Indianapolis, IN
- 2006 “Total knee arthroplasty”  
MSMTOS Grand rounds.  
Indianapolis, IN
- 2006 “Total hip arthroplasty”  
MSMTOS Grand rounds.  
Indianapolis, IN
- 2005 “Mechanical Comparison of Acetabular Revision Constructs in Pelvic Discontinuity”  
The 43<sup>rd</sup> Annual Murray S. Danforth Oration  
Brown University. Department of Orthopaedics.
- 2004 “Results of the Mechanical Comparison of Acetabular Revision Constructs in Pelvic Discontinuity”  
Basic Science Meeting. Brown University. Department of Orthopaedics.
- 2003 “Patellofemoral Disorders”  
Brown University. Department of Orthopaedics.  
“Approaches to the Foot and Ankle”  
Anatomy Lecture Series. Brown University.  
“Biomechanics”  
Orthopaedic Basic Science Lecture Series
- 2002 “Acetabular Revision”  
Grand Rounds. Brown University. Department of Orthopaedics.  
“Approaches to the Hip”  
Anatomy Lecture Series. Brown University.  
“Approaches to the Femur”  
Anatomy Lecture Series. Brown University.  
“Skeletal Traction”  
Emergency Department Lecture Series. Rhode Island Hospital.
- 2001 “Approaches to the Knee”  
Anatomy Lecture Series. Brown University.  
“Anatomy of the Cervical Spine”  
Anatomy Lecture Series. Brown University.  
“Closed reduction and casting techniques”  
Emergency Department Lecture Series. Rhode Island Hospital.
- 2000 “Anatomy of the Shoulder”  
Anatomy Lecture Series. Brown University.  
“Pulmonary Thromboembolism”  
General Surgery Series. Brown University.
- 1999 “Small Bowel Obstruction”  
Pediatric Surgery Series. Brown University.

- 1993 The Life Support Module of the Space Emergency Rescue Vehicle.  
Presented to NASA at M.I.T.
- 1992 Shape Control of a Deformable Structure Using PMN Electrostrictive Actuators.  
M.I.T. Department of Aeronautics and Astronautics.

## **PROFESSIONAL ACTIVITIES**

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- 2004-2005 Assistant Team Physician  
Providence Bruins Hockey Team
- 2002-2003 Assistant Team Physician  
Brown University Varsity Football and Hockey Teams
- 2000-2003 Assistant Team Physician  
Providence Public Schools

## **SERVICE ACTIVITIES**

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- 2010 - Present **Surgical Steering Committee Member**  
Clarian North Medical Center  
Carmel, IN
- 2010 - Present **DVT Steering Committee Member**  
Clarian North Medical Center  
Carmel, IN
- 2009 - Present **Medical Director of Orthopedics**  
Clarian North Medical Center  
Carmel, IN
- 2009 - Present **Orthopedic Steering Committee Leader**  
Clarian North Medical Center  
Carmel, IN
- 2006 - Present **Medical Director of Rehabilitation**  
Clarian North Medical Center  
Carmel, IN
- 2007 - 2009 **Arthritis Foundation Board Member**  
Indianapolis Chapter
- 2003 **Morbidity and Mortality Conference Leader**  
Brown University Orthopaedic Surgery Department  
Organize and compile surgical case statistics, track complications for quality assurance, and lead morbidity and mortality conferences
- 2003 **Education Committee Leader**  
Brown University Orthopaedic Surgery Department  
Designed and implemented new orthopaedic basic science curriculum to improve resident education

## **CERTIFICATIONS**

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2008 American Board of Orthopaedic Surgery (Oral)  
2005 BLS/ACLS  
2004 American Board of Orthopaedic Surgery (Written)  
2003 USMLE Step III  
1999 USMLE Step II  
1997 USMLE Step I  
1999 Advanced Trauma Life Support  
1999 Advance Cardiac Life Support

## **LICENSURE**

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			Date Issued	Date Expires
2005	State of Indiana	01061647A	11/2005	6/2007
2005	State of New York	235582	3/2005	2/2007
2004	State of Rhode Island	MD11501	6/2004	6/2006

## **NATIONAL MEETINGS AND COURSES**

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2009	Smith and Nephew Direct Anterior Hip Course	<i>Tampa, FL</i>
2009	76 <sup>th</sup> Annual AAOS Meeting	<i>Las Vegas, NV</i>
2008	Indiana Orthopaedic Society Annual Meeting, Presenter	<i>Indianapolis, IN</i>
2007	74 <sup>th</sup> Annual AAOS Meeting	<i>San Diego, CA</i>
2006	Anderson Orthopedic Research Institute Fellows Course	<i>Alexandria, VA</i>
2006	North American Hip and Knee Symposium	<i>Copper Mountain, CO</i>
2005	17 <sup>th</sup> Annual Holiday Total Knee Course	<i>New York, NY</i>
2005	Knee Society Closed Meeting	<i>New York, NY</i>
2005	72 <sup>nd</sup> Annual AAOS Meeting, Presenter	<i>Washington, D.C.</i>
2005	51 <sup>st</sup> Annual Orthopaedic Research Society Meeting, Presenter	<i>Washington, D.C.</i>
2004	AO Advanced Principles and Techniques of Fracture Mgmt	<i>Toronto, Canada</i>
2004	Harvard 34 <sup>th</sup> Annual Advances in Arthroplasty	<i>Cambridge, MA</i>
2004	Zimmer Residents Training Course	<i>Chicago, IL</i>
2003	70 <sup>th</sup> Annual AAOS Meeting	<i>New Orleans, LA</i>
2002	Depuy Resident Training Program - Basics in Arthroplasty	<i>Cincinnati, OH</i>
2002	NUPOC Orthotics and Prosthetics Course	<i>Chicago, IL</i>
2001	Boston Orthopaedic Pathology Course	<i>Boston, MA</i>
2001	AO/ASIF Principles of Fracture Management	<i>Dallas, TX</i>

## **OTHER WORK EXPERIENCE**

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1994 to 1995	Salomon Brothers, Inc. Analyst: Investment Banking division	<i>New York, NY</i>
1991 to 1993	M.I.T. Lincoln Laboratory Intern: Aeronautical/Astronautical department	<i>Lexington, MA</i>

