

Curriculum Vitae

Jonathan A. Gastel

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EMPLOYMENT:

The Orthopedic Group, Inc.
588 Pawtucket Avenue
Pawtucket, Rhode Island 02860
July 1, 2001 – Present

South County Orthopaedics
One High Street
Wakefield, RI, 02882
September 1999 – June 30, 2001

EDUCATION

University of Rochester
Rochester, New York
M.D.
August, 1988 - June, 1992

Yale University
New Haven, Connecticut
B.S., biology/psychology
August, 1984 - June, 1988

MEDICAL TRAINING

Surgical Internship
Brown University-Rhode Island Hospital
Providence, Rhode Island
June, 1992 - June, 1993

Orthopedic Residency
Brown University-Rhode Island Hospital
Providence, Rhode Island
July, 1993 - June, 1997

Orthopaedic Trauma Fellowship/Clinical Instructor
Brown University-Rhode Island Hospital
Providence, Rhode Island
July, 1997 - June, 1998

"Posterior cruciate ligament reconstruction using the tibial onlay technique: 2 to 5 year follow-up study"

SPORTS MEDICINE EXPERIENCE

University of Rhode Island Assistant Team Physician (1999 - present)

Sports Medicine Fellowship Experience (1998 - 1999)

Cleveland Browns Professional Football

Baltimore Ravens Professional Football

Cleveland Cavaliers Professional Basketball

Cleveland City Schools High School Football, Basketball, Wrestling

Cleveland State University

Cleveland Ballet

ORTHOPEDIC RESIDENCY AND TRAUMA FELLOWSHIP

Providence Bruins Professional Hockey
Assistant team physician
1997 - 1998 season

NCAA Men's Soccer Playoffs
Game physician
April, 1996

National Figure Skating Championships
Assistant event physician
February, 1995

Providence Bruins Professional Hockey
Assistant team physician
October - December, 1995

Brown University Men's and Women's Varsity Sports
Assistant sports medicine physician
September - November, 1995

Providence Area High School Varsity Football
Game physician
September - November, 1994, 1995, and 1996

COMMITTEE SERVICE

Critical Pathways Development Committee
Rhode Island Hospital
March, 1995 - October, 1997

Orthopaedic Grand Rounds Chairman
Rhode Island Hospital
June, 1996 - June, 1997

PROFESSIONAL SOCIETIES

Alpha Omega Alpha Medical Honors Society
June, 1992 - present

COURSES AND MEETINGS

American Academy of Orthopaedic Surgeons Annual Meeting. San Francisco, CA, February, 2001.

American Orthopaedic Society for Sports Medicine Annual Meeting. Sun Valley, Idaho, June, 2000.

AO North America Basic and Advanced Course (Instructor), Colorado Springs, CO, March, 2000.

American Orthopaedic Society for Sports Medicine Annual Meeting. Traverse City, MI, June 1999

Musculoskeletal Trauma Foundation: Bone allografts and substitutes.
Washington, D.C., April, 1999.

American Academy of Orthopaedic Surgeons Annual Meeting. Anaheim, CA, February, 1999.

International Cartilage Repair Symposium. Boston, MA, November, 1998.

Arthroscopy Association of North America. Fall Course, November, 1998.

American Shoulder and Elbow Society / American Academy of Orthopaedic Surgeons Instructional Course Combined Meeting. Kiawah Island, SC, April, 1998.

American Academy of Orthopaedic Surgeons Annual Meeting. New Orleans, LA, March, 1998.

AO/ASIF Complex Fracture Management: Malunions and Nonunions, San Francisco, CA, February, 1998.

Second World Congress on Sports Trauma/American Orthopaedic Society for Sports Medicine 22nd Annual Meeting. Lake Buena Vista, FL, June, 1996

Sports Medicine of the Foot and Ankle: American Foot and Ankle Society.
Salt Lake City, UT, March, 1996

American Academy of Orthopaedic Surgeons Annual Meeting. Atlanta, GA, February, 1996

Iizarov Methods and Trauma Course. Salt Lake City, UT, January, 1995

Regional Hand Course, American Society for Surgery of the Hand. Providence, RI., October, 1994

AO Orthopaedic Residents Basic Course. Syracuse, NY, August, 1994

Dallas Short Course, Orthotics and Prosthetics. Dallas, TX, October, 1993

American Orthopaedic Association Annual Conference. June 9, 1991, Boston, MA.

CERTIFICATIONS

- Certificate of Added Qualification in Surgery of the Hand, 2011
- Fellow , American Academy of Orthopaedic Surgeons 2010
- American Board of Orthopaedic Surgery Part 2: Passed 2009
- American Board of Orthopaedic Surgery Part 1: Passed 2005
- United States Medical Licensing Exams STEP 1-3: Passed
- Instructor, Advanced Trauma Life Support, 2004, 2007-09
- Advanced Trauma Life Support, 2000, 2004, 2007-09
- Basic and Advanced Cardiac Life Support 2000, 2006-07

LICENSURE

- Full Medical License, State of Massachusetts, February 2007 – present
- Full Medical License, State of Rhode Island, July 2005 – present

MEMBERSHIPS

- Diplomate of the American Board of Orthopaedic Surgery
- Candidate Member of the American Society for Surgery of the Hand, 2004-present
- American Academy of Orthopaedic Surgeons
- New England Orthopedic Society 2009-present
- Rhode Island Orthopedic Society 2009-present
- Marine Corps Aviation Association
- Hamilton College Alumnae Association, Regional Interviewer

INTERESTS

- Pilot: Commercial rating, Multi-Engine rating
- Sailing, Skiing, Fly Fishing

GRANTS

Barrach HJ, Gastel JA, Fadale PD, Hulstyn MJ, Crisco JJ,
"Meniscal tissue regeneration using a multilayered collagenous scaffold derived from porcine small intestine submucosa; an in vivo study in goats"
DePuy Inc-
February, 1998 -August, 1999 \$65,000

Gastel JA, Barrach HJ, Labrador D, Fadale PD, Hulstyn MJ "Quantitative correlation of synovial fluid collagen type II peptides with histologic progression of osteoarthritis in the rabbit knee" Orthopaedic Research and Education Foundation- Resident Award January 1, 1997 - December 31, 1997 \$14,900

Gastel JA, Fadale PD, Hulstyn MJ, Barrach HJ
"Identification and sequential characterization of growth factors active in the early phases of meniscal tissue healing; an in vivo study in the rabbit" Foundation for Sports Medicine Education and Research
First-Time Investigator Grant
March, 1996 - March, 1997 \$11,550

Gastel JA, Fadale PD, Hulstyn MJ, Crisco JJ, Labrador D
"Meniscal defect repair using a porcine collagenous implant; an in vivo study in the rabbit"
DePuy Inc.
July, 1996 - July, 1997
\$14,500

PUBLICATIONS

Pellegrini VP, Jr, Konski AA, Gastel JA, Rubin P, Evarts CMCC: Prevention of heterotopic ossification with irradiation after total hip arthroplasty. Radiation therapy with a single dose of 800 cG administered to a limited field. J. Bone and Joint Surg. 74-A: 186-200, Feb. 1992.

Gastel JA, Palumbo PA, Hulstyn MJ, Fadale PD, Lucas P: Emergency removal of football equipment: a cadaveric cervical spine injury model. Annals of Emergency Medicine. October, 1998.

Pellegrini VP, Jr, Konski AA, Gastel JA, Rubin P, Evarts CMCC: Prevention of heterotopic ossification with irradiation after total hip arthroplasty. Radiation therapy with a single dose of 800 cG administered to a limited field. J. Orthopaedic Transactions. 1992

Gastel JA, Barrach FU, Labrador D, Fadale PD, Hulstyn MJ "Synovial fluid assay for collagen type II specific peptides in a progressive osteoarthritis articular cartilage degeneration model," J. Orthopaedic Transactions. 1998

Gastel JA, Fadale PD, Hulstyn MJ, Crisco JJ, Labrador "Meniscal defect repair using a porcine collagenous implant; an in vivo study in the rabbit" J.Orthopaedic Transactions. 1998

Pellegrini VP, Jr, Kanski AA, Gastel JA, Rubin P, Evarts CMCC:
Prevention of Heterotopic Ossification with Irradiation after Total Hip Arthroplasty.
Radiation Therapy with a Single Dose of 800 cG Administered to a Limited Field;
American Orthopaedic Association annual conference; Boston, MA, June 9, 1991.

Williams J, Gastel J, Burke J, Bernstein J, DeHaven K
Ankle support systems: Do they affect performance? American Orthopaedic
Society for Sports Medicine annual meeting; Palm Springs, CA, June 1988.

LOCAL PRESENTATIONS

Subjective and objective outcomes of the tibial inlay method of PCL
reconstruction. Cleveland Clinic Department of Orthopaedics Research Day,
June 18, 1999.

"Meniscal healing using a new collagenous biomaterial,"
Annual Silver Lectureship, Brown University, Rhode Island Hospital, October
6, 1997

"Meniscal healing using a new collagenous biomaterial,"
Orthopaedic Grand Rounds, Brown University, Rhode Island Hospital, June,
18, 1997

"Foot and ankle injuries in the athlete,"
Orthopaedic Grand Rounds, Brown University, Rhode Island Hospital, October
16, 1996

"The Athlete's Foot,"
Orthopaedic Grand Rounds, Brown University, Rhode Island Hospital, April 17, 1996.

"The Meniscus,"
Sports Medicine Conference, Brown University, Rhode Island Hospital, April 19, 1995

"Sports Medicine Injuries,"
WPRO radio broadcast, December 15, 1995

"The Meniscus: Healing and Repair"
Orthopaedic Grand Rounds, Brown University, Rhode Island Hospital, February 22,
1995.

"Pelvic Fractures."
General Surgery Trauma Conference, Brown University, Rhode Island Hospital,
March, 1993.

RESEARCH PROJECTS PENDING COMPLETION

"Meniscal defect repair using a porcine collagenous implant; an in vivo study in the
goat"

Gastel JA, Barrach I-U, Labrador D, Fadale PD, Hulstyn MJ "Synovial fluid assay for collagen type II specific peptides in a progressive osteoarthritis articular cartilage degeneration model," submitted, Am. J. Sports Medicine.

Gastel JA, Fadale PD, Hulstyn MJ, Crisco JJ, Labrador D
"Meniscal defect repair using a porcine collagenous implant; an in vivo study in the rabbit." Accepted, pending revision, J. Arthroscopy.

Crawford D, Gastel JA, Mortimer E, Radomisli T, Damato C. "Acute complications associated with percutaneous pinning of displaced supracondylar humerus fractures in children." (manuscript)

Crawford D, Gastel JA, Mortimer E, Radomisli T, Damato C.
"Subluxing ulnar nerve as a risk factor for iatrogenic nerve injury during closed reduction and percutaneous pinning of pediatric supracondylar humerus fractures." (manuscript)

NATIONAL PRESENTATIONS

Gastel JA, Fadale PD, Hulstyn MJ, Crisco JJ, Labrador D
"Meniscal defect repair using a porcine collagenous implant; an in vivo study in the rabbit" (poster), American Academy of Orthopaedic Surgeons Annual Meeting; New Orleans, LA, March, 1998,

Gastel JA, Barrach HJ, Labrador D, Fadale PD, Hulstyn MJ
"Quantitative correlation of synovial fluid collagen type II peptides with histologic progression of osteoarthritis in the rabbit knee" (poster), American Academy of Orthopaedic Surgeons Annual Meeting; New Orleans, LA, March, 1998.

Gastel JA, Crawford D, Mortimer E, Radomisli T, Damato C.
"Subluxing ulnar nerve as a risk factor for iatrogenic nerve injury during closed reduction and percutaneous pinning of pediatric supracondylar humerus fractures." Pediatric Orthopaedic Society of North America annual meeting, Banff, Alberta, May, 1997.
(Awarded "Best Poster Presentation")

Gastel JA, Fadale PD, Palumbo MA, Hulstyn MJ, Abate JA, :
Surgical repair of the Achilles tendon in the athlete (video). American Academy of Orthopaedic Surgeons Annual Meeting; San Francisco, CA, February, 1997

Gastel JA, Hulstyn MJ, Fadale PD, Ehrlich MG, Barrach FU, Labrador D:
Identification of PDGF and VEGF in healing meniscal tissue: an in vivo study (poster). Second World Congress on Sports Trauma/American Orthopaedic Society for Sports Medicine 22nd Annual Meeting, Lake Buena Vista, FL, June, 1996

Palumbo MA, Gastel JA, Hulstyn MJ, Fadale PD, Shall L:
Effect of football equipment on cervical spinal cord alignment; radiographic analysis in a cadaver model (poster), American Academy of Orthopaedic Surgeons, Atlanta, GA, February, 1996

Orthopedic Sports Medicine Fellowship
Cleveland Clinic Foundation
Cleveland, Ohio
August, 1998 - July, 1999

AO International Trauma Fellowship
Augsburg, Germany
August, 1999 - September, 1999

APPOINTMENTS

The Miriam Hospital, Department of Surgery (Orthopaedics), 7/2001-present
Blackstone Valley Surgicare 7/2001 -present
Roger Williams Medical Center, Dept. of Surgery (Orthopaedics), 9/2001- present
South County Hospital, Department of Surgery (Orthopaedics), 1999 to present
Brown University School of Medicine, Clinical Instructor, Department of
Orthopaedics, 1997 - 1998.

LICENSURE

State of Rhode Island Medical License (MD09469)
Orthopaedic Surgery Board Eligible (Part 11 Oral exam July, 2001)

HONORS & AWARDS

AO International "Jack McDaniel Memorial Traveling Fellow" Award
1997 Haffenreffer Award: Fellow in Medical Sciences at Rhode Island Hospital
/Brown University, Department of Medicine. (awarded for accomplishments in
research), June, 1997

Pediatric Orthopaedic Society of North America: 1997 Best Poster presentation
award, "Subluxing ulnar nerve as a risk factor for iatrogenic nerve injury during
closed reduction and percutaneous pinning of pediatric supracondylar Humerus
fractures." May, 1997

Charles H. Herndon Residency Research Award: "Quantitative correlation of
synovial fluid collagen type 11 peptides with histologic progression of osteoarthritis
in the rabbit knee," January, 1997

Rhone-Poulenc Rorer Orthopaedic Surgery Scholarship Program
February, 1996 - February, 1997

University of Rochester School of Medicine
Alpha Omega Alpha Society
June, 1992

Yale University
magna cum laude
June, 1988

Yale University
Distinction in the major (biopsychology)
June, 1988