

Djuro Petkovic, MD

ILLINOIS BONE AND JOINT INSTITUTE
9000 WAUKEGAN ROAD, MORTON GROVE, IL 60053
PHONE 847 - 375 - 3000

PRESENT POSITION:

2017-Present Orthopedic Surgeon
 Illinois Bone and Joint Institute
 Morton Grove, IL

COMMITTEES/FACULTY INVOLVEMENT:

ILLINOIS BONE AND JOINT INSTITUTE

2019 - present Vice- Chair of the Shoulder Section

UNIVERSITY OF ILLINOIS-CHICAGO

2018 - present Clinical Assistant Professor of Orthopedics

EDUCATION:

2007-2011 **Doctor of Medicine**
 University of Chicago Pritzker School of Medicine
 Chicago, IL

2005-2007 **Post-Baccalaureate Pre-Medical Courses**
 Northwestern University
 Evanston, IL

2004-2005 **Civil Engineering Courses**
 University of Illinois Urbana-Champaign
 Urbana, IL

2000-2004 **Bachelor of Arts, Economics**
 Dartmouth College
 Hanover, NH

1996-2000 Lincoln Park High School
 Chicago, IL

POST-DOCTORAL TRAINING:

- 2016-2017 **Fellowship in Shoulder Surgery**
Center for Shoulder, Elbow and Sports Medicine/
Columbia-New York Presbyterian Medical Center
New York, New York
Director: William N. Levine, MD
- 2015-2016 **Chief Resident in Orthopedic Surgery**
Loma Linda University Medical Center
- 2012-2016 **Residency in Orthopedic Surgery**
Loma Linda University Medical Center
Loma Linda, CA
Director: M. Daniel Wongworawat, MD
- 2011-2012 **Internship in General Surgery**
Loma Linda University Medical Center
Loma Linda, CA
Director: Mark Reeves, MD

PROFESSIONAL SOCIETIES:

- 2018 - present American Shoulder and Elbow Society (ASES) - Candidate Member
- 2016 - present American Orthopedic Society for Sports Medicine (AOSSM) - Candidate Member
- 2011 - present American Academy of Orthopedic Surgeons (AAOS)
- 2007 - present American Medical Association

BOARD CERTIFICATION:

- 8/16/19 Orthopedic Oral Boards - Pass
- 7/8/16 Orthopedic Written Boards - Pass

MEDICAL LICENSES:

- Illinois State Medical License - Active
- California State Medical License - Active
- New York State Medical License - Inactive

AWARDS:

- 2017 **Neer Award Nominee**
American Shoulder and Elbow Society Annual Meeting
New Orleans, LA
- 2016 **Alpha Omega Alpha Society Induction**
Loma Linda University Medical Center
Loma Linda, CA
- 2015 **Resident Leadership Forum Representative**

American Orthopedic Association Annual Meeting
Providence, RI

2015 **First Place Resident Research Award**
Loma Linda University Research Seminar
Loma Linda, CA

2005 **Chi Epsilon Honor Society**
University of Illinois Urbana-Champaign
Urbana, IL

2005 **Dean's List**
University of Illinois Urbana-Champaign
Urbana, IL

2004 **Magna Cum Laude**
Dartmouth College
Hanover, NH

TEACHING

2018-present **Clinical Assistant Professor**
University of Illinois at Chicago School of Medicine
Chicago, IL

2011 **Teaching Assistant, *The Doctor-Patient Relationship***
University of Chicago Pritzker School of Medicine
Chicago, IL

2008, 2010 **Teaching Assistant, *The Human Body***
University of Chicago Pritzker School of Medicine
Chicago, IL

SPORTS TEAM COVERAGE:

2016-2017 **New York Yankees Baseball Organization, Assistant
to Head Team Physician**
New York, NY

2016-2017 **New York City Football Club, Assistant to Head
Team Physician**
New York, NY

2016-2017 **Rockland Boulders, Can-Am Baseball League,
Assistant to Head Team Physician**
Pomona, NY

2016-2017 Columbia University Athletics, Ivy League, Assistant to Head Team Physician
New York, NY

COMMUNITY SERVICE:

2014 Surgeon, Haiti Adventist Hospital
Port-au-Prince, Haiti

2009 Organizer/fundraiser for *Sons of Lwala* University of Chicago Pritzker School of Medicine Chicago, IL

2007-2008 Volunteer, Adolescent Substance Abuse Program
Chicago, IL

RESEARCH SUPPORT/GRANTS:

1. Jobin CM, **Petkovic D**, Lowy FD, Thomopoulos S, Akelina Y, Flores EY: Intrawound Antibiotic Powder for Eradication of Surgical Wound Contamination During Shoulder Arthroplasty: An *In Vivo* Animal Study. American Shoulder and Elbow Surgeons Grant. \$20,000. 2016

PEER REVIEWER:

2018 - present Consultant reviewer for *Journal of Shoulder and Elbow Arthroplasty*

BIBLIOGRAPHY:

Peer Reviewed Articles:

1. Mehta MM, Vogel LA, Shiu BS, Dennis ER, **Petkovic D**, Levine WN, Jobin, CM. "Persistent Glenoid Component Retroversion is Associated with Radiolucency as Measured with a Minimal Radiation Technique After Total Shoulder Arthroplasty." *Journal of Shoulder and Elbow Surgery*. 2019; 28(6): e207. doi: 10.1016/j.jse.2018.11.018
2. Ponce BA, Williams JF, Watson SL, Perez JL, Hudson PW, Scott JH, **Petkovic D**, Jobe CM, Rowan PD, Phipatanakul WP. "Adoption of Intramedullary Nail Fixation for Proximal Humerus Fractures: Assessment of Surgical Efficiency and Complications" *Journal of Surgical Orthopedic Advances*. Accepted, 2019; 28(2): 121-126.
3. **Petkovic D**, Kovacevic D, Levine MN, Jobin CM: "Management of the Failed Arthroplasty for Proximal Humerus Fractures" *Journal of the American Academy of Orthopedic Surgeons*. 2019; 27:39-49. doi: 10.5435/JAAOS-D-17-00051
4. Phipatanakul WP, **Petkovic D**, Liu JS. "Conservative Management of Chronic C. acnes Prosthetic Shoulder Infection: Two Case Reports With Minimum 6-year

- Follow Up” *Journal of Shoulder and Elbow Surgery Open Access* 2019 Jun: 1-4. doi.org/10.1016/j.jses.2019.03.005
5. Bloom ZJ, Lopez CD, Maier SP, Shiu BS, **Petkovic D**, Levine WN, Jobin CM. “Treatment Outcomes of Lesser Tuberosity Osteotomy Nonunion after Total Shoulder Arthroplasty” *Journal of Shoulder and Elbow Arthroplasty* 2018; 2: 1-8. doi.org/10.1177/2471549218807777
 6. Mehta MM, Vogel LA, Shiu BS, Dennis ER, **Petkovic D**, Levine WN, Jobin, CM. “Determining Glenoid Component Version After Total Shoulder Arthroplasty” *Journal of Shoulder and Elbow Surgery* 2018; 27:1588-1595. doi: 10.1016/j.jse.2018.03.003
 7. Maier SP, Lopez CD, Bloom ZJ, Shiu BS, **Petkovic D**, Levine WN, Jobin CM. “Lesser Tuberosity Osteotomy Outcomes After Anatomic Shoulder Arthroplasty in Patients with Atraumatic Avascular Necrosis” *Journal of Shoulder and Elbow Arthroplasty* 2018; 2: 1-6. doi.org/10.1177/2471549218778446
 8. Shiu B, **Petkovic D**, Levine WN, Ahmad CS: “Maximizing Surgical Skills During Fellowship Training.” *Journal of the American Academy of Orthopedic Surgeons* 2017; 25: 421-6. doi:10.5435/JAAOS-D-17-00244
 9. **Petkovic D**, Wongworawat MD, Anderson SR. “Factors Affecting Appropriateness of Interfacility Transfer for Hand Injuries.” *HAND*. 2016 Oct 28: 1-6. doi:10.1177/1558944716675147.
 10. Shenaq DS, Rastegar F, **Petkovic D**, Zhang BQ, He B-C, Chen L, Zuo Guo-Wei, Luo Q, Shi Q, Wagner ER, Huang E, Gao Y, Gao J-L, Kim SH, Yang K, Bi Y, Su Y, Zhu G, Luo J, Luo X, Qin J, Reid R, Luu H: “Mesenchymal Progenitor Cells and Their Orthopedic Applications: Forging a Path towards Clinical Trials.” *Stem Cells International*, 2010: 1-14. doi:10.4061/2010/519028

Book Chapters:

1. **Petkovic D**, Shiu B, Ahmad CS: Epicondylitis and Baseball Players. *Baseball Sports Medicine, 1st Ed.* Romeo AA and Ahmad CS (Eds). Awaiting publication
2. **Petkovic D**, Alexander FA, Ahmad CS: Arthroscopic Treatment of Valgus Extension Overload. *Tips and Tricks in Sports Medicine, 1st Ed.* Azar FM (Ed). Awaiting publication
3. Jobe CJ, Phipatanakul WP, **Petkovic D**: Gross Anatomy of the Shoulder IN The Shoulder, 5th Ed. Rockwood Jr CA, Matsen III FA, Wirth MA, Lippitt SB (Eds). Elsevier Health Sciences. 2016.

Contributing Author:

1. Le T, Feinstein JA, Fuller S, **Petkovic D**, et al. USMLERx Step 1 Qmax, 2011 edition. Published by MediQ Learning, LLC. Available at: <http://www.usmlerx.com>

PRESENTATIONS:

Scientific Presentations (National):

1. **Petkovic D.** Glenoid Fractures – how and When to Operate. Chicago Trauma Course. Chicago, IL – August 15, 2019
2. **Petkovic D.** Complex Proximal Humerus – ORIF is the Answer! Chicago Trauma Course. Chicago, IL – August 15, 2019
3. **Petkovic D.** Shoulder Instability in the Elderly Patient. Columbia Shoulder Society Meeting. Miami, FL – June 28, 2019
4. Persistent Glenoid Component Retroversion Is Associated With Radiolucency As Measured With A Minimal Radiation Technique After Total Shoulder Arthroplasty. ASES Annual Meeting, Chicago, IL – October 13, 2018
5. **Petkovic D,** Villacis DC, Sanchez JE, Qayyum U, Shiu B, Jobin CM. Topical Vancomycin to Eradicate P. Acnes after Shoulder Arthroplasty: An In-vivo Animal Study. ASES Annual Meeting, New Orleans, LA – October 13, 2017.
6. **Petkovic D,** Trofa DP, Shiu B, Munoz JM, Villacis DC, Lambert J, Paulino F, Jobin CM, Levine WN, Ahmad CS. Are Drains Necessary After Shoulder Arthroplasty?: A Prospective Randomized Controlled Trial. West Point Fellows' Sports Medicine Conference. West Point Academy, West Point, NY – June 8, 2017
7. Lewis MK, **Petkovic D,** Jobe CM, Phipatanakul WP. Radiographic and Clinical Outcomes of Proximal Humerus Fracture Treated with Cementless Reverse Shoulder Arthroplasty. OREF-ORS 18th Annual Southwest Region Resident Research Symposium. University of California, Naval Medical Center, San Diego, CA – September 21, 2016
8. **Petkovic D,** Nelson SC. A Novel Technique for Hip Arthrodesis. International Limb Lengthening and Reconstruction Society Annual Meeting. Miami, FL – November 7, 2015
9. **Petkovic D,** Anderson SR, Wongworawat MD. Factors Affecting Appropriateness of Inter-Facility Transfer for Hand Injuries. Western Orthopedic Association Annual Meeting. Coeur d'Alene, ID – August 1, 2015
10. Chasnoff IJ, Wells A, Bailey GF, Telford E, **Petkovic D.** Biological Markers in Substance-Exposed Infants: Relationship to Neurodevelopmental Functioning. Putting the Pieces Together for Children and Families: The National Conference on Substance Abuse, Child Welfare, and the Courts. Anaheim, CA – February 1, 2007

Scientific Presentations (Local)

1. **Petkovic D**, Mehta MP, Saulle MF, DeAllie CK, Vance DD, Ciccone JL, Ahmad CS. Off-Speed Control: Can a Radar Gun Improve Rehab for the Throwing Athlete? Columbia University Medical Center Orthopedic Surgery Grand Rounds. New York, NY – July 13, 2017
2. **Petkovic D**, Mildren ME, Scott JC, Jobe CM, Phipatanakul WP. The Detrimental Effect of Shoulder Immobilization on Driving: A Mechanical Study. Loma Linda University Department of Orthopedic Surgery Research Seminar. Loma Linda, CA - June 3, 2016
3. **Petkovic D**, Wongworawat MD. Factors Affecting Appropriateness of Inter-Facility Transfer for Hand Injuries. Loma Linda University Department of Orthopedic Surgery Research Seminar. Loma Linda, CA - May 8, 2015
4. **Petkovic D**, Nelson SC A Novel Technique for Hip Arthrodesis. Loma Linda University Department of Orthopedic Surgery Research Seminar. Loma Linda, CA - May 8, 2015
5. **Petkovic D**, He TC. Characterization of Potential Type I Receptors of BMP9 Signaling in Mesenchymal Stem Cells. The University of Chicago Summer Research Forum. Chicago, IL - August 25, 2008

Grand Rounds Presentations:

1. Hand Fractures. Loma Linda University Medical Center. Loma Linda, CA - March 19, 2014
2. Femoral Shaft Fractures. Loma Linda University Medical Center. Loma Linda, CA - February 12, 2014
3. Critical-Size Bone Defects and the Masquelet Technique. UCSF. San Francisco, CA - November 10, 2011
4. Distal Radius Fractures. Dartmouth-Hitchcock Medical Center. Lebanon, NH - September 21, 2010

MULTIMEDIA

1. **Petkovic D**, DeAllie CK, Ahmad CS. Massive Rotator Cuff Repair With Subscapularis Repair. Vumedi Video, February 2017.
2. **Petkovic D**, Wright ML, Ahmad CS. Calcific Tendonitis of the Rotator Cuff – Debridement and Repair. Vumedi Video, June 2017.
3. **Petkovic D**, Baranek ES, Levine WN. Total Shoulder Arthroplasty. Vumedi Video, August 2017.
4. **Petkovic D**, Shirley MB, Jobin CM. Open Capsular Shift. Vumedi Video, September 2017.

POSTER EXHIBITS

1. Usama Qayyum U, **Petkovic D**, Villacis DC, Sanchez JE, Nizami S, Shiu B, Jobin CM. Topical Vancomycin to Eradicate P. Acnes after Shoulder Arthroplasty: An In-vivo Animal Study. Poster, AAOS Annual Meeting, New Orleans, LA - March 2018.

LANGUAGE AND FLUENCY:

English

Serbian (Proficient)

French (Proficient)

Spanish (Conversant)