

# Gregory E. Raab, MD

Total Joint Replacement and Revisions of the Knee and Hip



Dr. Gregory E. Raab graduated from Stanford University and Loma Linda University Medical School. He then completed his internship and orthopedic surgery residency at Penn State College of Medicine, followed by a fellowship in total joint replacement at OrthoCarolina. Dr. Raab served as an assistant professor at Penn State Hershey Medical Center prior to joining Elite Sports Medicine + Orthopedics in April of 2015.

## SPECIALTIES

- Total knee replacement
- Total knee revisions
- Total hip replacements
- Total hip revisions
- Osteoarthritis
- Avascular necrosis

## EDUCATION

8/97-5/01 Loma Linda University School of Medicine, Loma Linda, CA; M.D.

9/90-6/93 Stanford University, Stanford, CA; B.A. in Human Biology

8/88-5/90 Texas A&M University, College Station, TX.

## EMPLOYMENT

4/15-Present Elite Sports Medicine + Orthopedics

5/08-3/15 Assistant Professor, Adult Reconstruction and Joint Replacement  
PennState/Milton S. Hershey Medical Center, Hershey, PA

8/07-3/08 Private Practice, Adult Joint Reconstruction  
Knoxville Orthopaedic Clinic, Knoxville, TN

## FELLOWSHIPS

8/06-7/07 Adult Joint Reconstruction, OrthoCarolina, Charlotte, NC

## RESIDENCY

7/02-6/06 Department of Orthopaedics and Rehabilitation, The Pennsylvania State College of Medicine, The Milton S. Hershey Medical Center, Hershey, PA.

## INTERNSHIP

7/01-6/02 Department of Surgery, The Pennsylvania State College of Medicine, The Milton S. Hershey Medical Center, Hershey, PA.

## BOARD CERTIFICATION

American Board of Orthopaedic Surgery – July 23, 2010

## MEDICAL LICENSURE

Pennsylvania  
North Carolina  
Tennessee

## ACTIVITIES, AWARDS & MEMBERSHIPS

Penn State University Faculty Senate Committee on Research  
2014 – 2016

American Board of Orthopaedic Surgery – Certified 2010.

Health Policy Fellow, American Association of Hip and Knee Surgeons – 2010 to present

AAHKS, Member 2009 – present

Penn State Hershey Dean's List, Patient Satisfaction, 99th Percentile

American Academy of Orthopaedic Surgery – 1994 to present

AOA-OREF Resident Leadership Forum (June 2005)

Pfizer "Scholars in Pain Management" Resident Award, (June 2004)

Academic Committee, Resident member, Penn State Orthopaedics, (2004-2006)

MacPherson Society, Outstanding Student Researcher, Loma Linda University School of Medicine (2001)

Academic Review Committee, Student Representative, Loma Linda University School of Medicine (1999-2001)

Admissions Committee, Interviewer, Loma Linda University School of Medicine (1999-2001)

MacPherson Society, Summer Research Fellow, Loma Linda University School of Medicine (1998)

## WORK EXPERIENCE

8/93-6/97 High School Science Teacher, The King's Academy, Sunnyvale, CA.

8/93-6/97 High School Athletic Director, The King's Academy, Sunnyvale, CA.

8/93-6/97 Head Varsity Basketball Coach, The King's Academy, Sunnyvale, CA.

## PRESENTATIONS

Moderator, 2014 PA Orthopaedic Society Spring Scientific Meeting, Hotel Hershey, Hershey PA, April 10, 2014.

"Surgical Interventions of the Hip", MSK 743: MSK Advanced Anatomy Course, Penn State College of Medicine, Hershey PA, February 21, 2014.

"Can I Kneel? What to Expect with Joint Replacement Surgery", Boning Up on Orthopaedics, Hershey Country Club, Hershey PA, November 1, 2013.

"Surgical Interventions of the Hip", MSK 743: MSK Advanced Anatomy Course, Penn State College of Medicine, Hershey PA, February 22, 2013.

"Conversion of Previous Hip Surgery to Total Hip Replacement", 10th Annual Community Alumni Lecture, Joint Arthroplasty Conference, Hershey PA, September 22, 2012.

"Surgical Interventions of the Hip", MSK 743: MSK Advanced Anatomy Course, Penn State College of Medicine, Hershey PA, February 10, 2012.

Health Policy Fellow: Report of Activities, AAHKS 21st Annual Meeting, Dallas TX, November 4 – 6, 2011.

"Perioperative Risk Factors in Patient Selection for TKA and THA", 9th Annual Community Alumni Lecture – Joint Arthroplasty Conference, Hershey PA, October 1, 2011.

"Pain Management after Total Joint Replacement", 2nd Annual Hip and Knee Joint Arthroplasty Symposium, Hershey Lodge and Convention Center, Hershey PA, February 5, 2011.

"Can I Kneel After Total Joint Replacement?", Traditions of Hershey, Hershey PA, December 20, 2010.

"Femoral Stem Revision", 8th Annual Community Alumni Lecture Joint Arthroplasty Conference, Hershey, PA October 2, 2010

"Radiographic Evaluation of Hip and Knee Replacements: From Pre-op to Post-op An Orthopaedist's Perspective", Radiology Resident Lecture, Hershey PA May 12, 2010.

"The Revision Femur", Orthopaedics Grand Rounds, Hershey, PA April 15, 2010.

"Joint Replacement and Anticoagulation in the Post-Acute Setting" 2009 PA Medical Directors Association (PMDA) Annual Conference, Hershey Lodge and Conference Center October 16, 2009.

"The Role of Hinged Total Knee Arthroplasty", 7th Annual Community Alumni Lecture Joint Arthroplasty Conference, Hershey PA, September 12, 2009.

"The Obesity Epidemic: Its Effect On Total Joint Arthroplasty", Orthopaedic Grand Rounds, Hershey PA, April, 2009

"Can I Kneel? What to Expect After Joint Replacement", Community Lecture, Penn State Hershey Department of Orthopaedics, April, 2009

"DDH and the Difficult Primary Hip", 6th Annual Community Alumni Joint Arthroplasty Conference, Hershey PA, September, 2008.

"Aspiration as an Aid to the Diagnosis of Prosthetic Knee Instability", Poster Presentation, AAOS 76th Annual Meeting, San Francisco, CA, March, 2008.

"Locked Condylar Plating of Periprosthetic Fractures Around the Knee", Poster Presentation, AAOS 72nd Annual Meeting, Washington, D.C., February, 2004.

"Locked Condylar Plating of Periprosthetic Fractures Around the Knee", Pennsylvania Orthopaedic Society Fall Meeting, Philadelphia, PA. November, 2004.

"Damage to Cobalt Chromium Surfaces During Arthroscopy of Total Knee Replacements", Western Student Medical Research Forum, Carmel, CA, January, 1999.

"Damage to Cobalt Chromium Surfaces During Arthroscopy of Total Knee Replacements", The Society for Biomaterials, 25th Annual Meeting, Providence, RI, April, 1999.

## PUBLICATIONS

Raab GE, Fehring TK, Odum SM, Mason JB, Griffin WL: "Aspiration as an Aid to the Diagnosis of Prosthetic Knee Instability", *Orthopedics*. 2009 May; 32(5):318.

Raab GE, Davis CM: "Early Healing with Locked Condylar Plating of Periprosthetic Fractures Around the Knee". *J Arthroplasty*. 2005 Dec;20,(8):984-989.

VanderHave KL, Raab GE: "Pediatric Hip Disorders". *Curr Opin Orthop*. 2004;15:411-416.

Raab GE, Jobe CM, Williams PA, Dai QG: "Damage to Cobalt Chromium Surfaces During Arthroscopy of Total Knee Replacements". *J Bone Joint Surgery Am*. 2001 Jan;83-A(1):46-52.

Raab GE, Jobe CM, Williams PA, Dai QG: "Damage to Cobalt Chromium Surfaces During Arthroscopy of Total Knee Replacements". *J Investigative Med*. 1999 Feb; 47(2):42A.

Raab GE, Jobe CM, Williams PA, Dai QG: "Damage to Cobalt Chromium Surfaces During Arthroscopy of Total Knee Replacements". *Society for Biomaterials, 25th Annual Meeting Transactions*, 23:143, 1999.

## MEETINGS ATTENDED

18th Annual American Association of Hip and Knee Surgeons Meeting, Dallas TX, November 7 – 9, 2008.

19th Annual American Association of Hip and Knee Surgeons Meeting, Dallas TX, November 6 – 8, 2009.

2010 Annual American Academy of Orthopaedic Surgeons Meeting, New Orleans LA, March 9 – 13, 2010.

American Academy of Orthopaedic Surgeons National Orthopaedic Leadership Conference, Washington DC, April 28 – May 1, 2010.

20th Annual American Association of Hip and Knee Surgeons Meeting, Dallas TX, November 5 – 7, 2010.

2011 Annual American Academy of Orthopaedic Surgeons Meeting, San Diego CA, February 15 – 19, 2011.

American Medical Association RUC Meeting, Chicago IL, September 22 – 25, 2011.

21st Annual American Association of Hip and Knee Surgeons Meeting, Dallas TX, November 4 – 6, 2011.

3rd Annual Hip and Knee Joint Arthroplasty Symposium, Hershey Lodge and Convention Center, Hershey PA, February 25, 2012.

10th Annual Community Alumni Lecture, Joint Arthroplasty Conference, Hershey PA, September 22, 2012.

22nd Annual American Association of Hip and Knee Surgeons Meeting, Dallas TX, November 2 – 4, 2012.

4th Annual Central PA Hip and Knee Joint Replacement Symposium, Hershey PA, February 16, 2013.

23rd Annual American Academy of Orthopaedic Surgeons Meeting, Dallas TX, November 8 – 10, 2013.

24 Annual American Academy of Orthopaedic Surgeons Meeting, Dallas TX, November 7 – 9, 2014.

## RESEARCH IN PROGRESS

"Short, Medium, and Long Term Survivorship of Attune Primary Total Knee Prostheses", DePuy