

CURRICULUM VITAE

Gregory G. Markarian, M.D.

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**CLINICAL
APPOINTMENT:**

Attending Physician & President August, 1997 –
Orthopedic Associates of Naperville, Present
S.C.

10 W. Martin Ave., Suite 50
Naperville, IL 60540

Attending Physician & President August, 2016 -
Chicago Sports Medicine Institute, Present
S.C.

875 N. Dearborn, Suite 200
Chicago, IL 60610

**ATTENDING PHYSICIAN/
STAFF PRIVILEGES:**

Adventist Bolingbrook Hospital
Bolingbrook, IL

Accredited Ambulatory Care, LLC
Chicago, IL

Oakbrook Medical and Surgical
Center Oakbrook, IL

Weiss Hospital
Chicago, IL

Grand Avenue Surgical Center
Chicago, IL

EDUCATION:

Sports Medicine Fellowship 1996 - 1997
The University of Miami
Miami, Florida

Orthopedic Residency 1992 - 1996
Northwestern University Medical
School
Chicago, IL

Doctor of Medicine 1987 - 1991
Northwestern University Medical
School
Chicago, IL

Bachelor of Arts with Honors and 1983 - 1987
Distinction
University of Michigan
Ann Arbor, MI

LICENSURE/BOARD CERTIFICATION: American Board of Orthopedic Surgery 1999 - Present
Illinois State License
Miami State License

TEAM PHYSICIAN/CONSULTANT: Benet Academy
Chicago Blaze Rugby Club
Chicago Enforcers
Dade County Public Schools
Florida International University
Florida Marlins
Miami Dolphins
Naperville Youth Football League
St. Thomas University
University of Miami
XFL League

INTERNATIONAL SOCIETIES: International Society of Arthroscopy, Knee Surgery and Orthopedic Sports Medicine
International Cartilage Repair Society

NATIONAL SOCIETIES: American Board of Orthopedic Surgeons American Association of Orthopedic Surgeons
Arthroscopy Association of North America

REGIONAL SOCIETIES: Illinois State Medical Society
John William Uribe Sports Medicine

RESEARCH ACTIVITIES:
UNIVERSITY OF MICHIGAN BIOMECHANICS AND SPORTS TRAUMA LAB:
Trabecular bone properties study and COMPALERT project. Analysis and development of possible new instrumentation for the diagnosis of Compartment Syndrome in concordance with Zimmer Labs of Indiana (1984-1987).

PUBLICATIONS: PEER-REVIEWED:
Gregory G. Markarian, M.D., Annen Kelikian, M.D., Michael Brage, M.D., Tim Trainer, M.D., and Luciano S. Dias, M.D.: "Anterior Tibialis Tendon Ruptures: An Outcome Analysis of Operative Versus Nonoperative Treatment". Published in Foot and Ankle International,

December, 1998.

"Somatosensory and Dermatomal Evoked Potentials in the Prognostication Acute Spinal Cord Injury". Katz et al, Spine July, 1991.

Gregory G. Markarian, M.D., John W. Uribe, M.D.: "Arthroscopically Assisted Rotator Cuff Repair Using a MiniOpen Incision". Chapter in Current Techniques in Arthroscopy, 1998.

Lee Kaplan, M.D., John W. Uribe, M.D., Harvey Sasken, M.D., Gregory G. Markarian, M.D.: "The Acute Effects of Radio Frequency Energy in Articular Cartilage: An In Vitro Study"., Arthroscopy January, 2000.

ARTICLE/PUBLICATION REVIEW:

Review article: "Peroneal Nerve Palsy as a Complication of Total Knee Arthroscopy". Gregory G. Markarian, M.D., and Charles Carroll IV, M.D., Complications in Orthopedic Surgery. Journal of Surgical Orthopaedic Advances "Review of Arthroscopic and Histological Findings Following Knee Inlay Arthroplasty". Gregory G. Markarian, M.D., FACS; Michael T. Kambour, MD, FCAP; and John W. Uribe, MD, March 2016

CME CERTIFICATION PROGRAMS:

Orthotics and Prosthetics at the Rehabilitation Institute of Chicago, Chicago, IL October, 1992.

Management of the Multiple Injured Patient by Lawrence Bone, M.D. and Michael Chapman, M.D., Vail, CO January, 1992.

Advances of the Knee and Shoulder by Frank Noyes, M.D., Hilton Head, SC May, 1993.

Orthopedic Pathology Course at the University of Chicago by Michael Simon, M.D., Chicago, IL November, 1993.

Among first group to participate in trial runs of both the Arthroscopic Knee and Shoulder courses sponsored by AANA at the Orthopedic Learning Center, Howard Sweeney, M.D., Rosemont, IL

Orthopedic Pathology Review Course by Harry Schwamm, M.D., Atlantic City, NJ June, 1994.

Zimmer Residents Program, Chicago, IL August, 1994.

Foot and Ankle Review Course by Walter Pedowitz, M.D., Columbia University School of Medicine, New York, NY October, 1995.

Current Concepts in Total Joint Arthroscopy by Seth Greenwald, MD., PhD, Case Western University School of Medicine, Orlando, FL December, 1995.

Tahoe Knee and Shoulder Course by Randy Watson, M.D., South Lake, Tahoe, NV December, 1996 (also became laser certified).

American Orthopedic Society for Sports Medicine, Atlanta, GA February, 1996.

63rd AAOS Annual Meeting, Atlanta, GA February, 1997.

12th Annual Comprehensive Review Course, Chicago, IL March, 1997.

64th AAOS Annual Meeting, New Orleans, LA March, 1998.

American Shoulder and Elbow Surgeons, New Orleans, LA March, 1998. Arthroscopic Surgery of the Shoulder Course, San Diego, CA June, 1998.

66th AAOS Annual Meeting, Anaheim, CA February, 1999.

American Shoulder and Elbow Surgeons, Anaheim, CA February, 1999.

SICOT 99 Sydney, 21st Triennial World Congress, Sydney, Australia April, 1999.

Southwestern Orthopedic Surgery Review, Dallas, TX, May, 1999.

Malpractice and Asset Protection, San Diego, CA November, 1999.

Shoulder Lecture and Laboratory 104, San Diego, CA November, 1999. Argentinean

Arthroscopy Association, Articular Cartilage Treatment May, 2000.

Venezuelan Orthopedic Society, Meniscal Surgery and Articular Cartilage Injury and Repair September, 2000.

Francisco Martinez Venezuelan Society, Articular Cartilage Repair, Rotator Cuff Injury and Meniscal Surgery July, 2001.

6th International Meeting for Sports Medicine Arthroscopy and Rehabilitation, Coral Gables, FL August, 2001.

AANA Knee ACL, PCL, and Articular Cartilage Lecture, San Antonio, TX November, 2001.

AANA Shoulder Arthroscopy Lecture, San Antonio, TX November, 2001.

American Orthopedic Society for Sports Medicine, International Football and Sports Medicine Conference, Beverly Hills, CA March, 2002.

Illinois State Medical Society, Exploring Liability Issues in Orthopedic Surgery Part I and Part

II, Spine. IL October, 2002.

AANA Shoulder Lecture, Palm Desert, CA November, 2002.

AANA Wrist, Elbow, Foot/Ankle Lecture, Palm Desert, CA November 2002. AANA Knee Lecture, Palm Desert, CA November, 2002.

AANA Focus Demonstration Session N, Palm Desert, CA 2002.

7th Annual Tahoe Knee and Shoulder Update, Lake Tahoe, NV December, 2002. AAOS 70th Annual Meeting, New Orleans, LA February, 2003.

AANA Specialty Day, New Orleans, LA February, 2003.

San Diego Shoulder Arthroscopy, Arthroplasty, Fractures, DVD Course, San Diego, CA November, 2003

AAOS, San Francisco, CA - March, 2004. AAOS, Washington, DC- February, 2005.

8th Annual Tahoe Knee and Shoulder Update, Lake Tahoe, NV- April, 2005. Miller's Colorado Orthopedic Review, Westminster, CO, May, 2005

Colorado Orthopedic Recertification Review, Westminster, CO- May, 2005

Colorado Orthopedic Recertification Review Course, Keystone, CO- February, 2006

Arthroscopy Association of North America Annual Meeting, San Francisco, CA- April, 2007

International Society of Arthroscopy, Knee Surgery and Orthopedic Sports Medicine, Florence, Italy- May, 2007.

7th World Congress of the International Cartilage Repair Society, Warsaw, Poland, October, 2007.

25th Annual San Diego Shoulder Society, June, 2008.

Arthroscopy Association of North America, Update on Arthroscopic E & M Coding, Phoenix, Arizona, November, 2008.

Arthroscopy Association of North America, Shoulder Lecture, Phoenix, Arizona, November, 2008.

Arthroscopy Association of North America, Knee Lecture, Phoenix, Arizona, November, 2008.

Arthroscopy Association of North America, Current Concepts in MRI Interpretation, Phoenix, Arizona, November, 2008.

8th World Congress of International Cartilage Repair Society, May, 2009.

Internal Derangements of Joints 2009: MR Imaging with Arthroscopic Correlation at Encore, June, 2009.

Southern California Orthopedic Institute & the Sports Clinic Orthopedic Medical Associates, Inc., Orthopedic Surgery Controversies, Napa California, November, 2009.

American Academy of Orthopedic Surgeons, Surgeons 2012 Annual Meeting, New Orleans, LA, March 2010.

International Society Of Arthroscopy, Knee Surgery and Orthopedic Sports Medicine, Rio de Janeiro, Brazil, May, 2011.

American Academy of Orthopedic Surgeons, Surgeons 2012 Annual Meeting, San Francisco, CA, February, 2012

Arthroscopy Association of North America, 2012 Annual Meeting, Orlando, FL, May, 2012

San Diego Shoulder Institute, San Diego Shoulder Institute 2012, La Jolla, SD, June, 2012

LECTURES/KENOTE SPEAKER:

Juvenile Rheumatoid Arthritis, Orthopedic Conference at Children's Memorial Hospital, Chicago, IL May, 1994.

Lateral Epicondylitis, Orthopedic Grand Rounds at Northwestern Memorial Hospital, Chicago, IL, August, 1994.

The PCL: Diagnosis and Treatment, Chairman's Conference at Northwestern Memorial Hospital, Chicago, IL, April, 1995.

Sports Nutrition and Fluid Replacement, Chicago Public Schools Board Chicago High School Football Coaches Annual Conference, Chicago, IL, August, 1995.

Anatomy, Biochemistry, and Mechanics of the Meniscus, Chairman's Conference at Northwestern Memorial Hospital, Chicago, IL, March, 1996.

Anterior Tibialis Tendon Ruptures: An Outcome Analysis of Operative versus Nonoperative Treatment, Senior Thesis Day, Northwestern University Medical School, Department of Orthopedic Surgery, Chicago, IL, May, 1996.

Anterior Tibialis Tendon Ruptures: An Outcome Analysis of Operative versus Nonoperative

Treatment, American Foot and Ankle Society, Academy of Orthopedic Surgeons Annual Meeting, San Francisco, CA, February, 1997.

Arthroscopic Treatment of Osteochondral Lesions, International Society of Knee and Arthroscopy Surgery, Buenos Aires, Argentina May, 1997.

Taught first Cadaver Shoulder Arthroscopy Course, Argentina, Hospital Aleman May, 1998.

SIROT 99, Sydney, Australia, The Viability of Articular Cartilage Following Radio Frequency Generated Energy Treatment (paper), The Viability of Articular Cartilage Following Radio Frequency Generated Energy Treatment Varying Time Intervals April, 1999.

Grand Rounds UCLA Medical Center, Articular Cartilage Treatment Options November, 1999.

Grand Rounds Northwestern Memorial Hospital Medical Center, Articular Cartilage Options September, 1999.

International Arthroscopy, Knee Surgery and Orthopedic Sports Medicine Congress, Buenos Aires, May, 2000.

Presented three (3) papers: "The Effects of Radio Frequency Energy on Articular Cartilage In An Vivo Rabbit Mode"; "The Viability of Articular Cartilage Following Radio Frequency Treatment at Varying Time Intervals"; "The Prevalence of Articular Cartilage Lesions of Magnetic Resonance Imaging in the Knees of Male Professional Basketball Players".

Taught First Ever Cadaver Shoulder Lab to Orthopedic Associates of Naperville's Therapy Staff January, 2003.

Advanced Arthroscopic Surgery the 3rd Hospital of Hebei Medical University China July 27 & 28, 2004.

OPUS Medical Physician Meeting Arthroscopic Rotator Cuff Repair using the Auto Cuff System- Surgical Technique Rosemont, IL, October 10, 2004

Arthroscopy for the Rehabilitation Professional Naperville, IL October, 2004.

Contoured Articular Prosthesis, Arthrosurface, Buenos Aires, Argentina, November 13, 2009.

International Society Of Arthroscopy, Knee Surgery and Orthopedic Sports Medicine, Rio de Janeiro, Brazil, May, 2011.

Polish National Congress, September, 2015.

Shoulder Replacement Presentation, Hospital Santa Catarina, 2015.

Scientific Poster, ISAOS, Lyon, France, 2015.

CERTIFICATION EXAMINATIONS:

1989: National Board of Medical Examiners, Part I

1991: National Board of Medical Examiners, Part II

1992: National Board of Medical Examiners, Part III

1996: Orthopedic Surgery Board Examination, Part I

1999: Orthopedic Surgery Board Examination, Part II (Board Certified)

EXTRACURRICULAR ACTIVITIES:

Played Varsity soccer for one (1) year at the University of Michigan.

Involved in medical school admissions process, both as an interviewer and reviewer of applicants. soccer, snow skiing, ice hockey, golf, and travel.

Six (6) years Orthopedic Consultant for the Miami Dolphins.