

MARK GERARD KOWALL, M.D., M.B.A.
Curriculum Vitae

EDUCATION

Postgraduate	University of California, Irvine Graduate School of Business MBA, 2001-2003
Medical School	Northwestern University Chicago, Illinois M.D., 1983-1987
Undergraduate	California State University, Northridge B.A., Biology 1979-1983

POSTGRADUATE TRAINING

Fellowship	The Orthopedic Specialty Hospital (Knee and Shoulder) Salt Lake City, Utah 1992-1993
Chief Resident	Department of Orthopedic Surgery Northwestern University Chicago, Illinois 1992
Residency	Department of Orthopedic Surgery Northwestern University Chicago, Illinois 1988-1992
Internship	Department of General Surgery Northwestern University Chicago, Illinois 1987-1988

AWARDS AND HONORS

Business School Dean's Scholar Award
Beta Gamma Sigma Honor Society

Residency Alpha Omega Alpha AOA Honor Medical Society
Resident of the Year - Lutheran General Hospital, 1990
Basic Science Anatomy Award, 1990

Undergraduate Graduated summa cum laude
California State University, Northridge
Phi Kappa Phi National Honor Society
Blue Key National Honor Society
Golden Key National Honor Society
American Heart Association Student Research Fellowship

PROFESSIONAL SOCIETY MEMBERSHIPS

American Academy of Orthopedic Surgeons
California Orthopedic Association
Arthroscopy Association of North America (past member)
San Luis Obispo County Medical Society (Board of Directors, 2005/2006)
Bear Cub Sports Medicine Society

HOSPITAL APPOINTMENTS (Twin Cities Community Hospital)

Chief of Orthopedic Surgery, 2014 to 2020
Chief of Staff, 2008, 2009
Vice-Chief of Staff, 2007
Chief of Surgery, 2005, 2006
Executive Committee: Secretary/Treasurer 1996-97; Vice-chief of staff 1997-98
CME Committee, 1996 (Chairman), 1995
Ethics Committee, 1995 (Chairman), 1994

SURGERY CENTER APPOINTMENTS (Templeton Surgery Center)

Board of Directors 2011 to 2017
Secretary 2011 to 2017

COMMUNITY POSITIONS

Medical Director, Arthritis Foundation Walk, 2008-2012
School Board President, St. Rose School 2012 to present

LICENSURE

American Board of Orthopedic Surgery - Board Certified
Medical Board of California
National Board of Medical Examiners

BUSINESS CONSULTING

Health IQ – Competitive research for healthcare companies
InterWest Partners – New product and market analysis
JP Morgan Partners – New product and market analysis

PUBLICATIONS / PRESENTATIONS

Kowall, M., "Osteoarthritis and Treatment Options", Twin Cities Community Hospital, Templeton, CA, November 2004 and monthly

Kowall, M., "Common Shoulder Problems", San Luis Obispo Physical Therapy Research Group, Atascadero, CA, November 2004

Kowall, M., "Shoulder Impingement Syndrome and Management of Rotator Cuff Tears", Tri-Counties Physical Therapy Research Group, Santa Maria, CA, March 1999.

Kowall, M., Kolk G., Nuber G., Cassisi, J., Stern, S.: "Patellar Taping in the Treatment of Patellofemoral Pain; A Prospective Randomized Study". Presented at the American Orthopedic Society for Sports Medicine Specialty Day Meeting, San Francisco, CA, February 1993. AMJ Sports Medicine, 24:61-66, 1996.

Kowall, M., "Posterior Cruciate Ligament Injuries", Grand Rounds, Twin Cities Community Hospital, Templeton, CA. February 1995.

Kowall, M., Paulos, L.: "Use of Protective Devices" Rehabilitation of the Injured Knee, 2nd edition, Mosby 1995.

Kowall, M., Nuber, G., Hendrix, R., Schafer, M.: "Shoulder Arthroscopy: Operative Correlation with Emphasis on Partial-Thickness Rotator Cuff Tears". Presented at the AAOS Annual Meeting, San Francisco, CA, February 1993.

Kowall, M., Beck, C., Paulos, L.: "Athrofibrosis: Acute Versus Chronic ACL Reconstruction". Presented at the LINVATEC Arthroscopy Conference, Scottsdale, AZ, January 1994.

Ripa, D., Kowall, M., Meyer, P., Rusin, J.: "Series of Ninety-Two Traumatic Cervical Spine Injuries Stabilized with Anterior ASIF Plate Fusion Technique". Spine 16 (3 Suppl) S46-55, 1991.

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Eugene, J., Lyons, K., Ott, R., Gelezunas, V., Kowall, M.: "Regional Myocardial Perfusion of Cardioplegic Solutions". Annals of Thoracic Surgery 43:522-526, 1987.

CURRICULUM VITAE
Mark Francis Mooney, M.D.

EDUCATION

1973-77 *Bishop O'Dowd High School; Oakland, CA*
Valedictorian

1977-82 *Stanford University; Stanford, CA*
B.A. Human Biology

1982-87 *Stanford University School of Medicine; Stanford, CA M.D.*

INTERNSHIP

1987-88 *Department of General Surgery, Stanford University; Stanford, CA*

RESIDENCY

1988-92 *Department of Orthopedic Surgery, Stanford University; Stanford, CA*

1991-92 *Department of Orthopedic Surgery, Stanford University; Stanford, CA*
Chief Residency

FELLOWSHIP

1992-93 *The Orthopedic Specialty Hospital, Drs. Paulos, Rosenberg, Beck; Salt Lake*
City, Utah; Sports Medicine Fellowship

HONORS

Undergraduate *Departmental Honors in Human Biology Stanford University; Stanford, CA*

Residency *"Dr. Perfect Award" from fellow residents*

RESEARCH EXPERIENCE

1980-81 *Research Assistant, Division of Immunology, Stanford University*
Supervisor: Dr. Thomas Okarma, Assistant Professor

*Research Subject: Messenger RNA processing by small nuclear ribonucleo-
proteins.*

- 1983 *Research Assistant, Division of Cardiology, Stanford University
Supervisor: Dr. Lionel Opie, Professor
Research Subject: Hypermagnesemia in the treatment of reperfusion
arrhythmias using an isolated rat heart model.*
- 1986 *Research Assistant, Division of Orthopedics, Stanford University
Supervisor: Dr. James Gamble, Assistant Professor
Research Subject: The orthopedic, medical and genetic aspects of
chondrodysplasia punctata.*
- 1990 *Primary Investigator. Research Subjects: 1. Biological coating of synthetic
Dacron ACL grafts to improve fibroblast ingrowth and collagenization. 2.
Effects of non-traumatic synovial fluid on fibroblast proliferation.*
- 1992 *Primary Investigator. Research Subjects: Surgical treatment of posterior
cruciate ligament reconstruction.*
- 1998-99 *Effects of various medications added to arthroscopy fluid to decrease
postoperative inflammation.*

CLINICAL/TEACHING EXPERIENCE

- 1982-84 *Undergraduate Advising Associate, Stanford University; Stanford, CA*
- 1983 *Teaching Assistant, Department of Physiology, Stanford University School
of Medicine; Stanford, CA
Cardiovascular Physiology course*
- 1984 *Teaching Assistant, Department of Human Biology, Stanford University
School of Medicine; Stanford, CA
Biological principles of evolution and genetics*
- 1984 *Teaching Assistant, Department of Human Biology, Stanford University
School of Medicine; Stanford, CA
Physiology course*
- 1984-85 *Admission Committee, Stanford University School of Medicine; Stanford, CA*
- 1990-91 *Assistant Physician: Stanford University Intercollegiate Sports; Stanford,
CA*
- 1991-92 *Chief Resident Orthopedic Surgery at Stanford University; PAVA, Santa
Clara Valley Medical Center*

- 1992 *Instructor: IV Annual Surgical Laboratory. Endoscopic Reconstruction of the Anterior Cruciate Ligament. The Orthopedic Specialty Hospital; Salt Lake City Utah, Oct. 9-10, 1992.*
- 1992 *Assistant Orthopedic Consultant: U.S. Freestyle Ski Team*
- 1992 *Instructor: Arthroscopic Enhanced Surgery of the Shoulder. The Orthopedic Specialty Hospital; Salt Lake City, Utah, Dec. 19, 1992.*
- 1992 *Team Physician: Kearns High School; Salt Lake City, Utah*
- 1992 *Orthopedic Consultant: Park City Ski Resort, Utah*
- 1993-97 *Team Physician, Mission College Preparatory High School; San Luis Obispo, CA*
- 1993 *Instructor: V Annual Surgical Laboratory. Endoscopic Reconstruction of the Anterior Cruciate Ligament. The Orthopedic Specialty Hospital, Salt Lake City, Utah, Nov. 12-13, 1993*
- 1994 *Instructor: VI Annual Surgical Laboratory. Endoscopic Reconstruction of the ACL and Meniscus Repair. The Orthopedic Specialty Hospital, Salt Lake City, Utah*
- 1996 *Instructor: VIII Annual Surgical Laboratory. Endoscopic Reconstruction of the ACL and Meniscus Repair. The Orthopedic Specialty Hospital, Salt Lake City, Utah, Sept. 20-21, 1996*
- 1997 - present *Team Physician, Paso Robles High School, Paso Robles, CA*
- 1997 - present *Team Physician, Templeton High School; Templeton, CA*

PUBLICATIONS

Okarma T, Johnson, L, Serra M, Mooney M: RNA components of ENA specifically bind to intervening sequences of genomic DNA. (Abstracted and selected for poster presentation.) Arthritis and Rheumatism 1982, June 26(4). Supplemental for the VIII Pan-American Congress of Rheumatology.

Okarma T, Assef S, Serra M, Mooney M: Isolation and analysis of immune complexes by electrofocusing and electroblotting techniques. 1982 June, 25(4). Supplement for the VIII Pan-American Congress of Rheumatology.

Gamble J, Bassett G, Mason D, Rinsky L, Mooney M, Dick D, Bowen J: Contradi-Hunerman chondrodysplasia punctata; Spectrum of the musculoskeletal phenotype. Accepted JBJS, February 1991.

Mooney M, Jones D, Brody G, Smith R: Ligament Biology: Fibronectin coating of a dacron graft and fibroblast adhesion. Oral presentation given at the Orthopedic Research Society, February 1992. Abstracted O.R.S.

Mooney MF, Paulos, LE: Arthroscopy-assisted posterior cruciate ligament reconstruction/repair in Master Techniques in Orthopedics, Raven Press, ed. Doug Jackson, 1993.

Mooney MF, Rosenberg TD: Meniscus repair: Inside-out technique in Master Techniques in Orthopedics, Raven Press, ed. Doug Jackson, 1993 (update chapter 2000).

Mooney MF, Rosenberg TD: Zone specific inside-out technique of meniscus repair. Techniques in Orthopedics, ed Peter Fowler, 1993.

Mooney MF, Rosenberg TD, Paulos LE: Posterior Cruciate Ligament Reconstruction: The French Journal of Orthopedic Surgery, 1993.

Mooney MF, Rosenberg TD: Arthroscopic Meniscus Refixation: Journal "Der Orthopade", 1993.

Mooney MF, Rosenberg TD: Meniscus Repair: Zone-Specific Technique. Sports Medicine and Arthroscopy Review, 1993.

Mooney, MF, Rosenberg TD: Meniscus Repair, Inside-out technique in Master Techniques in Orthopedics, Raven Press, ed. Doug Jackson, 2002 (update).

PROFESSIONAL AFFILIATIONS

*California Medical Association
San Luis Obispo Medical Society
Bear-Cub Sports Medicine Society
American Academy of Orthopaedic Surgeons
Arthroscopy Association of North America*

LICENSURE

*Physician and Surgeon: California
National Board of Medical Examiners
Board Certified - American Board of Orthopedic Surgeons*

ADMINISTRATIVE RESPONSIBILITIES

1997-98 Chief of Surgery, Twin Cities Community Hospital, Templeton, CA

1998-1999 Chief of Staff, Twin Cities Community Hospital, Templeton, CA

2000-2005 Governing Board Member, Twin Cities Community Hospital, Templeton, CA

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Physician and Surgeon: California

National Board of Medical Examiners

Board Certified - American Board of Orthopedic Surgeons