

**Gregory James Loren, M.D., F.A.A.O.S.**

**Certified by the American Board of Orthopaedic Surgery  
Fellowship Trained in Sports Medicine and Arthroscopy**

**CURRICULUM VITAE**

**Business Address** CORE Orthopaedic Medical Center, P.C.  
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Encinitas, CA 92024  
Phone: (760) 943-6700  
Fax: (760) 632-4292

**Date of Birth** May 3, 1965  
Orange County, CA

**Education** University of California, Irvine  
School of Biological Sciences  
B.S., *Summa cum Laude*, 1987  
Phi Beta Kappa National Honor Society  
Alpha Epsilon Delta Honor Society

University of California, Los Angeles  
School of Medicine  
M.D., Honors in Surgery, 1991  
Alpha Omega Alpha Honor Medical Society

University of California, San Diego  
Department of Orthopaedics  
Intern, Surgery, 1991-1992  
Fellow, Orthopaedic Research, 1992-1993  
Resident, Orthopaedic Surgery, 1993-1997  
Chief Resident, Orthopaedic Surgery, 1996-1997

Southern California Orthopedic Institute  
Fellow, Sports Medicine and Arthroscopy, 1997-1998

**Academic Title** University of California, San Diego  
Department of Orthopaedics  
Clinical Instructor, 1999-Present

Camp Pendleton Naval Hospital  
Primary Care Sports Medicine Fellowship  
Clinical Instructor, 2010-Present

**Certification** American Board of Orthopaedic Surgery  
Certified, 2000  
Recertified, 2009

American Board of Independent Medical Examiners  
Certified, 2012

National Board of Medical Examiners  
Diplomate, 1992

**Licensure**

The Medical Board of California  
Physician and Surgeon, 1992-Present

**Appointments  
-Administrative**

Scripps Encinitas Surgery Center  
Governing Board, 2009-Present

Scripps Memorial Hospital, Encinitas  
Chief, Orthopaedic Surgery, 1998-1999  
Medical Director, Ambulatory Surgery, 2001-2005  
Infection Control Committee, 2001-2003

UC San Diego, Medical Center  
Infection Control Committee, 1996-1997

**-Academic**

UC San Diego, School of Medicine  
Department of Orthopaedics  
Clinical Instructor, 1999-Present  
Resident Selection Committee, 1997

UCLA, School of Medicine  
Committee on Undergraduate Education, 1989-1991  
Admissions Committee, 1988-1989  
Virtual Advisor, 2011-Present

University of California, Irvine  
Advisory Committee on Intercollegiate Athletics, 1986-1987

**-Corporate**

Biomet Sports Medicine  
Consultant, Product Development, 2011-Present

Ceterix Orthopaedics  
Consultant, Product Development, 2014-Present

Zimmer Biomet  
Clinical Advisory Board, Knee Subchondroplasty RCT

**-Community**

California State University, San Marcos  
Orthopaedic Consultant, Head Team Physician, 1998-Present  
Trust Foundation Board Member, 1998-2008

Los Angeles Valley College  
Orthopaedic Consultant, Team Physician, 1997-1998

La Costa Canyon High School  
Orthopaedic Consultant, Team Physician, 2003-Present

Carlsbad High School  
Orthopaedic Consultant, Team Physician, 1998-2003

St. Francis High School  
Orthopaedic Consultant, Team Physician, 1997-1998

LFL San Diego Seduction  
Head Team Physician, 2010

Acura Classic, Sony Ericsson WTA Tour, U.S. Open Series  
Chief Tournament Physician, 2007

National Surf League-The Game  
League Physician, 2005

US National Synchronized Team Skating Championship  
Event Physician, 2004

Imperial Beach Duathlon/Triathlon  
Event Physician, 2004

Boost Mobile Pro of Surf at Lower Trestles  
Event Physician, 2004

Rob Machado Surf Classic  
Event Physician, 2004

Swami's Cardiff Surf Classic  
Event Physician, 2004

Silver Strand Half-Marathon  
Event Physician, 2003

Suzuki Rock N' Roll Marathon  
Sports Medicine Team Captain, 1999

City of Newport Beach  
Ocean Lifeguard, 1986-1987

**Affiliations:** Scripps Memorial Hospital, Encinitas, 1998-Present

Scripps Encinitas Surgery Center, Encinitas, 2008-Present

**Associations:** American Academy of Orthopaedic Surgery  
Fellow, 2000-Present

Arthroscopy Association of North America  
Fellow, 1999-Present

American Orthopaedic Society for Sports Medicine  
Fellow, 1999-Present

San Diego County Medical Society, 1998-Present

Scripps Ximed Medical Associates, 1998-Present

Western Orthopaedic Association, 1999-Present

California Medical Association, 1998-Present

California Orthopaedic Association, 1999-Present

LA County Medical Association, 1988-1990  
Committee on Sports Medicine, 1988-1989

**Awards:**

UCLA, School of Medicine  
Alpha Omega Alpha Honor Medical Society, 1990  
UC Regents' Health Science Scholar, 1987-1991

Massachusetts General Hospital  
Pinkney Scholar, Orthopaedic Research, 1989

University of California, Irvine  
UC Regents' Scholar, 1983-1987  
Chancellor's Club Scholar, 1983-1987  
Phi Beta Kappa  
Mu Chapter Scholar, 1985-1986  
Phi Delta Theta  
Scholarship Merit Award, 1985-1986  
Aldrich Senior Merit Scholar, 1986-1987  
UCI Intercollegiate Water Polo  
NCAA Division I, 1983-1984  
UCI Intercollegiate Swimming  
NCAA Division I, 1983-1987  
Varsity Letter, 1983-1987  
PCAA Scholar-Athlete Award, 1983-1987

National Merit Scholar, Finalist, 1983

San Diego Magazine  
Top Physician, 2004

International Association of Orthopedic Surgeons  
Top Doctor, 2010, 2015

Healthgrades  
Recognized Doctor Honor Roll

Vitals.com

Top 10 Doctor - Orthopaedic Surgeon, 2014  
Compassionate Doctor Award - 5 Year Honoree, 2013,2014  
Compassionate Doctor Recognition, 2009 ,2010, 2011, 2012,  
2013, 2014, 2016, 2017  
On-Time Physician Award, 2009, 2014, 2015, 2017  
Patients' Choice Award, 2008, 2009, 2010, 2011, 2012, 2013,  
2014, 2015, 2017  
Patients' Choice 5<sup>th</sup> Anniversary Award, 2012-15

Consumers' Research Council of America

America's Top Orthopedists, 2012  
Top Surgeon, 2006

American Registry

America's Most Honored Professionals, 2016

**Clinical Research:**

Bionicare Medical Technology, 2004

A multi-year, post-marketing study to evaluate the safety and effectiveness of the BioniCare® Stimulator System (Model BIO-1000™) in patients with osteoarthritis of the knee with an optional health economics sub-study

Omeros, 2007

A double-blind, multi-center, phase 3 study comparing the efficacy and safety of OMS103HP with vehicle in patients undergoing allograft ACL reconstruction

DePuy Orthovisc, 2008

A randomized clinical trial comparing ORTHOVISC® to corticosteroid injection in shoulder osteoarthritis

Pleiad, 2011

A multi-center, parallel, double-blind, randomized, placebo controlled study to evaluate the safety and effectiveness of a new viscoelastic hydrogel (HYMOVIS®) in the treatment of knee osteoarthritis with an open-label extension

Pfizer Precision, 2011

A randomized, double-blind, parallel-group study of cardiovascular safety in osteoarthritis or rheumatoid arthritis patients with or at high risk for cardiovascular disease comparing celecoxib with naproxen and ibuprofen

Omeros, 2011

A randomized, double-blind, parallel-group, vehicle-controlled study to evaluate the safety and efficacy of OMS103HP-S

administered in joint irrigation solution to subject undergoing arthroscopic meniscectomy

**DePuy CAIS, 2012**

A multicenter, randomized, pivotal study to evaluate the safety and efficacy of the Cartilage Autograft Implantation System (CAIS) for the surgical treatment of articular cartilage lesions of the knee

**Novocart 3D, 2014**

A phase 3, perspective, randomized, partially-blinded, multi-center study to measure the safety and efficacy of NOVOCART® 3D compared to microfracture in the treatment of articular cartilage defects

**Orthotrophix C3-Part A, 2014**

A randomized, double-blind, placebo-controlled, multi-dose, phase 2 study evaluating the safety and efficacy of intra-articular injections of TPX-100 in subjects with mild to moderate patellofemoral osteoarthritis involving both knees

**Orthotrophix C3-Part B, 2014**

A randomized, double-blind, placebo-controlled, multi-dose, phase 2 study evaluating the safety and efficacy of intra-articular injections of TPX-100 in subjects with mild to moderate patellofemoral osteoarthritis involving both knees

**Theorem Synvisc-One, 2015**

A randomized, open-label study assessing the effect of a novel smartphone application and wearable activity monitor on mobility compared with standard follow-up and wearable activity monitor in patients with osteoarthritis of the knee treated with Synvisc-One®

**Zimmer Subchondroplasty, 2015**

A prospective efficacy evaluation of Subchondroplasty™ for the treatment of defects associated with bone marrow lesions

**Ceterix, 2015**

A prospective, non-randomized, multi-center investigation of all suture-based repair of horizontal meniscus tears (STITCH Study)

**DePuy Synthes Mitek Monovisc, 2015**

A pivotal study comparing two injections of MONOVISC to two injections of saline in patients with osteoarthritis of the hip (15-MVH-01) with DePuy Synthes Mitek Sports Medicine

Ampion, 2017

A phase 3 randomized study to confirm the efficacy of an intra-articular injection of Ampion™ in a dose with pain due to severe osteoarthritis of the knee—study number: AP-003-C

nSTRIDE APS, 2017

A multicenter, double-blind, randomized, saline-controlled study of a single, intra-articular injection of autologous protein solution in patients with knee osteoarthritis.

Zimmer Subchondroplasty, 2017

A randomized controlled trial of the Subchondroplasty® procedure with arthroscopy versus arthroscopy alone for treatment of bone marrow lesions in the knee. KC.CR.I.AM.16.1

Fidia, 2018

A post-market, single-blind, multicenter, randomized, controlled trial of HYMOVIS® intra-articular injections in active subjects with knee osteoarthritis.

## Bibliography

### Publications: Textbook Chapters

1. Loren, GJ and Meals, RA: "The Ultimate Mystery: Osteochondritis Dissecans." In Meals, RA: One Hundred Orthopaedic Conditions Every Doctor Should Understand. St. Louis, Quality Medical Publishing, 1992.
2. Loren, GJ and Ferkel, RD: "Arthroscopic Strategies in Fracture Management of the Ankle." In Chow, JC: Advanced Arthroscopy, New York, Springer-Verlag, 2001.
3. Loren, GJ and Meals, RA: "The Ultimate Mystery: Osteochondritis Dissecans." In Meals, RA: One Hundred Orthopaedic Conditions Every Doctor Should Understand, 2<sup>nd</sup> edition, 2006.

### Publications: Journal Articles

1. Shapiro MS, Kabo JM, Mitchell PW, Loren G, and Tsenter M: Ankle sprain prophylaxis: An analysis of the stabilizing effects of braces and tape. American Journal of Sports Medicine, 22(1):78-82, 1993.
2. Kabo JM, Gebhard JS, Loren GJ, and Amstutz HC: In vivo wear of polyethylene acetabular components. Journal of Bone and Joint Surgery, 75-B: 254-8, 1993.
3. Rosen G, Loren GJ, Brien EW, Ramana L, Waxman A, Lowenbraun S, Eckardt JJ, Eilber F, Menendez L, and Mirra JM: Serial thallium-201 scintigraphy in

osteosarcoma: Correlation with tumor necrosis following preoperative chemotherapy. Clinical Orthopedics and Related Research, 293:302-6, 1993.

4. Lieber RL, Loren GJ, and Friden J: In vivo measurement of human wrist extensor muscle sarcomere length changes. Journal of Neurophysiology, 71(3):874-81, 1994.
5. Loren GJ and Lieber RL: Tendon biomechanical properties enhance human wrist muscle specialization. Journal of Biomechanics, 28(7):791-9, 1995.
6. Loren GJ, Shoemaker SC, Burkholder TJ, Jacobson MD, Friden J, and Lieber RL: Human wrist motors: Biomechanical design and application to tendon transfers. Journal of Biomechanics, 29(3):331-42, 1996.
7. Loren GJ: Pain and joint immobility following Colles' fracture. Journal of Musculoskeletal Medicine, 13(6):62-3, 1996.
8. Loren GJ, Karpinski NC, and Mubarak SJ: Clinical implications of clubfoot histopathology. Journal of Pediatric Orthopedics, 18:765-9, 1998.
9. Loren GJ, Mohler RL, and Pedowitz RA: Bilateral compartment syndrome of the leg complicating tetanus infection. Orthopaedics, 24(10):997-9, 2001.
10. Loren GJ and Ferkel RD: Arthroscopic assessment of occult intraarticular injury in acute ankle fractures. Arthroscopy, 53(1):43-50, 2003.
11. Whitehurst JB, Snyder SJ, Karzel RP, and Loren GJ. Arthroscopic Pan-Capsular Plication for Glenohumeral Multidirectional Instability (SS-43). Arthroscopy, 19(5):74-75, 2003.
12. Ward SR, Loren GJ, Lundberg S, and Lieber RL: High Stiffness of Digital Flexor Tendons is Suited for Precise Finger Positional Control. Journal of Neurophysiology, 96:2815-2818, 2006.

#### **Publications: Abstracts**

1. Kabo JM, Gebhard JS, Loren GJ, Amstutz HC: In vivo wear of UHMWPE acetabular cups. Transactions of the Combined Meeting of the Orthopaedic Research Societies of USA, Japan and Canada, 1:192, 1991.
2. Shapiro MS, Kabo JM, Mitchell PW, Loren GJ, and Tsenter M: The effectiveness of prophylactic bracing and tape in resisting ankle inversion. Transactions of the Orthopaedic Research Society, 17:487, 1992.
3. Jacobson MD, Loren GJ, Yeatman P, Sokoloff B, and Lieber RL: Relationship between moment arms and muscle properties during wrist joint rotation. Transactions of the Orthopaedic Research Society, 18:318, 1993.

4. Loren GJ and Lieber RL: Tendon biomechanical properties enhance human wrist muscle specialization. Transactions of the Orthopaedic Research Society, 19:691, 1994.
5. Loren GJ, Shoemaker SC, Burkholder TJ, Jacobson MD, Friden J, and Lieber RL: Biomechanical determinants of human wrist strength. Transactions of the Orthopaedic Research Society, 20:20, 1995.
6. Burkholder TJ, Loren GJ, Shoemaker SC, Jacobson MD, Friden J, and Lieber RL: Biomechanical determinants of wrist torque. Medicine and Science in Sports and Exercise, 27:S159, 1995.
7. Mubarak SJ, Loren GJ, and Karpinski N: Clinical implications of clubfoot histopathology. Pediatric Orthopaedic Society of North America, 60-61, 1998.
8. Loren GJ, Snyder SJ, Karzel RP, and Wichman MT: Extended success of arthroscopic capsular plication for glenohumeral instability. Arthroscopy Association of North America, 128, 1999.
9. Loren GJ and Ferkel RD: Arthroscopic assessment of occult intra-articular injury in acute ankle fractures. International Federation of Foot and Ankle Societies, 2002.
10. Whitehurst JB, Snyder SJ, Karzel RP, Loren GJ: Arthroscopic pan-capsular plication for glenohumeral multidirectional instability. Arthroscopy Association of North America, 2003.

**Publications: Video**

1. Snyder SJ and Loren GJ: Partial articular supraspinatus tendon avulsion: The PASTA lesion. A description of the injury and technique of arthroscopic repair. Southern California Orthopedic Institute, Van Nuys, June 1998.

**Publications: Popular Media**

1. "Modified exercise plan can aid those with arthritis," by E'Louise Ondash, North County Times, 22 February, 2003.
2. Bone Putty, narrated by Peggy Pico RN, KNBC 7/39, San Diego, June, 2004.
3. "A booming business: Encinitas has slew of health care facilities in the pipeline," by Adam Kaye, North County Times, 22 February, 2007.
4. "Foundation offers medical safety net," by William Finn Bennett, North County Times, 11 June 2007.

5. Sports Injuries, interview with Meg Banta, KPRI 102.1 FM, San Diego, 19 October, 2008.  
<[http://www.kprifm.com/common/global\\_audio/224/6458.mp3](http://www.kprifm.com/common/global_audio/224/6458.mp3)>
6. Loren MD, Gregory James. "Reflex Sympathetic Dystrophy." Modern Medicine, 14 September, 2005.  
<<http://www.modernmedicine.com/modernmedicine/article/articleDetail.jsp?id=536326>>

**Presentations: International**

1. Loren GJ, Snyder SJ, Karzel RP, and Wichman MT: Extended success of arthroscopic capsular plication for glenohumeral instability. Arthroscopy Association of North America, Vancouver, British Columbia, Canada, April 1999.
2. Loren GJ: Arthroscopic strategies in reduction and fixation of ankle fractures. IX International Congress of Arthroscopy and Sports Medicine, Buenos Aires, Argentina, June 2006.
3. Loren GJ: Arthroscopic assessment of occult intraarticular injury in acute ankle fractures. IX International Congress of Arthroscopy and Sports Medicine, Buenos Aires, Argentina, June 2006.
4. Loren GJ: Ankle Arthroscopy: Live surgical demonstration of anatomy and techniques. IX International Congress of Arthroscopy and Sports Medicine, Buenos Aires, Argentina, June 2006.

**Presentations: National**

1. Jacobson MD, Loren GJ, Yeatman P, Sokoloff B, and Lieber RL: Relationship between moment arms and muscle properties during wrist joint rotation. Orthopaedic Research Society, San Francisco, February 1993.
2. Loren GJ and Lieber RL: Tendon biomechanical properties enhance wrist muscle specialization. Orthopaedic Research Society, New Orleans, February 1994.
3. Loren GJ, Shoemaker SC, Burkholder TJ, Jacobson MD, Friden J, and Lieber RL: Human wrist motors: Biomechanical design and implications in tendon transfer. Orthopaedic Research Society, Orlando, February 1995.
4. Laboratory Instructor: Shoulder Arthroscopy and Arthroplasty. 15<sup>th</sup> Annual Meeting, San Diego, June 1998.
5. Faculty: San Diego Shoulder Arthroscopy, Arthroplasty, Fractures. 16<sup>th</sup> Annual Meeting, San Diego, June 1999.
6. Faculty: San Diego Shoulder Arthroscopy, Arthroplasty, Fractures. 17<sup>th</sup> Annual

Meeting, San Diego, June 2000.

7. Faculty: San Diego Shoulder Arthroscopy, Arthroplasty, Fractures. 18<sup>th</sup> Annual Meeting, San Diego, June 2001.
8. Instructor: Updates in Shoulder Surgery. Arthrex, Inc., Los Angeles, June 2001.
9. Instructor: Knee Arthroscopy and Instrumentation Master Class. Atlantech, Inc. Washington, DC, April 2002.
10. Faculty: San Diego Shoulder Arthroscopy, Arthroplasty, Fractures. 19<sup>th</sup> Annual Meeting, San Diego, June 2002.
11. Laboratory Instructor: Arthroscopy Association of North America, 21<sup>st</sup> Fall Course. Ankle Arthroscopy, Palm Desert, November 2002.
12. Faculty: San Diego Shoulder Arthroscopy, Arthroplasty, Fractures. 20<sup>th</sup> Annual Meeting, San Diego, June 2003.
13. Laboratory Instructor: Arthroscopy Association of North America, 22<sup>nd</sup> Fall Course. Ankle Arthroscopy, New Orleans, November 2003.
14. Faculty: San Diego Shoulder Arthroscopy, Arthroplasty, Fractures. 21<sup>st</sup> Annual Meeting, San Diego, July 2004.
15. Laboratory Instructor: Arthroscopy Association of North America 23<sup>rd</sup> Annual Fall Course. Shoulder Arthroscopy, Palm Desert, December 2004.
16. Faculty: San Diego Shoulder Arthroscopy, Arthroplasty, Fractures. 22<sup>nd</sup> Annual Meeting, San Diego, June 2005.
17. Instructor: Master's Course in Shoulder Surgery. Arthrex, Inc., Los Angeles, November 2005.
18. Faculty: San Diego Shoulder Arthroscopy, Arthroplasty, Fractures. 23<sup>rd</sup> Annual Meeting, San Diego, June 2006.
19. Faculty: San Diego Shoulder Arthroscopy, Arthroplasty, Fractures. 24<sup>th</sup> Annual Meeting, San Diego, June 2007.
20. Faculty: San Diego Shoulder Arthroscopy, Arthroplasty, Fractures. 25<sup>th</sup> Annual Meeting, San Diego, June 2008.
21. Faculty: San Diego Shoulder Arthroscopy, Arthroplasty, Fractures. 26<sup>th</sup> Annual Meeting, San Diego, June 2009.
22. Faculty: San Diego Shoulder Arthroscopy, Arthroplasty, Fractures. 27<sup>th</sup> Annual Meeting, San Diego, June 2010.

23. Faculty: San Diego Shoulder Arthroscopy, Arthroplasty, Fractures. 28<sup>th</sup> Annual Meeting, San Diego, June 2011.
24. Faculty: San Diego Shoulder Arthroscopy, Arthroplasty, Fractures. 29<sup>th</sup> Annual Meeting, San Diego, June 2012.
25. Faculty: San Diego Shoulder Arthroscopy, Arthroplasty, Fractures. 30<sup>th</sup> Annual Meeting, San Diego, June 2013.
26. Faculty: San Diego Shoulder Arthroscopy, Arthroplasty, Fractures. 31<sup>st</sup> Annual Meeting, San Diego, June 2014.
27. Faculty: San Diego Shoulder Arthroscopy, Arthroplasty, Fractures. 32<sup>nd</sup> Annual Meeting, San Diego, June 2015.
28. Faculty: San Diego Shoulder Arthroscopy, Arthroplasty, Fractures. 33<sup>rd</sup> Annual Meeting, San Diego, June 2016.
29. Faculty: San Diego Shoulder Arthroscopy, Arthroplasty, Fractures. 34<sup>th</sup> Annual Meeting, San Diego, June 2017.

**Presentations: Regional**

1. Loren GJ and Lieber RL: The behavior of tendons of the human wrist under physiological loads. UCSD Orthopaedic Grand Rounds, San Diego, June 1993.
2. Loren GJ, Shoemaker SC, Burkholder TJ, Jacobson MD, Friden J, and Lieber RL: Influences of human wrist motor design on joint torque. UCSD Orthopaedic Grand Rounds, San Diego, June 1994.
3. Loren GJ: Chondral resurfacing: Clinical options and outcomes in articular lesions of the knee. UCSD Orthopaedic Grand Rounds, San Diego, February 1996.
4. Loren GJ and Mubarak SJ: Clinical implications of muscle histopathology in idiopathic congenital equinovarus. Children's Hospital and Health Center, San Diego, March 1996.
5. Loren GJ: Primary evaluation of the popliteal cyst. VA Urgent Care Symposium, La Jolla, September 1996.
6. Loren GJ: Cervical spine injuries in sports. UCSD Surgery Grand Rounds, La Jolla, October 1996.
7. Loren GJ: Surgical neck fractures of the proximal humerus: Clinical considerations and management options. UCSD Orthopaedic Grand Rounds, San Diego, January 1997.
8. Loren GJ: Intra-articular dislocation of the patella. UCSD Orthopaedic Grand Rounds,

San Diego, May 1997.

9. Loren GJ: Acute post-obstructive pulmonary edema in orthopaedic surgery. UCSD Orthopaedic Grand Rounds, San Diego, May 1997.
10. Loren GJ: Musculoskeletal complications of tetanus infection. UCSD Orthopaedic Grand Rounds, San Diego, May 1997.
11. Snyder SJ and Loren GJ: Partial articular supraspinatus tendon avulsion: The PASTA lesion. A description of the injury and technique of arthroscopic repair. Southern California Orthopedic Institute, Van Nuys, June 1998.
12. Loren GJ and Ferkel RD: Arthroscopic assessment of occult intra-articular injury in acute ankle fractures. Southern California Orthopedic Institute, Van Nuys, June 1998.
13. Loren GJ, Snyder SJ, Karzel RP, and Wichman MT: Extended success of arthroscopic capsular plication for glenohumeral instability. Southern California Orthopedic Institute, Van Nuys, June 1998.
14. Loren, GJ: CME Trauma. Proximal Humerus Fractures. UCSD Department of Orthopaedics, San Diego, September 1998.
15. Loren, GJ: CME Sports Medicine, Knee & Shoulder. Arthroscopy for arthrosis and Management of Osteochondral Injury. UCSD Department of Orthopaedics, San Diego, June 1999.
16. Loren, GJ: CME Sports Medicine, Knee & Shoulder. Shoulder Arthritis and Arthroplasty. UCSD Department of Orthopaedics, San Diego, September 1999.
17. Loren, GJ: CME Sports Medicine, Knee & Shoulder. Posterolateral Instability of the Knee. UCSD Department of Orthopaedics, San Diego, April 2000.
18. Loren, GJ: CME Sports Medicine, Knee & Shoulder. Arthroscopy for Arthrosis and Management of Osteochondral Injury. UCSD Department of Orthopaedics, San Diego, December 2000.
19. Laboratory Instructor: Smith Nephew Dyonics/Orthopaedic Biosystems Limited. Operative Shoulder Arthroscopy, Carlsbad, January 2001.