

**CURRICULUM VITAE**  
**REID ALLEN ABRAMS, M.D.**

**DATE OF BIRTH** July 26, 1955

**PLACE OF BIRTH** San Antonio, Texas

**EDUCATION**

**COLLEGE** Lawrence University  
Appleton, Wisconsin 54911  
1973 - 1977  
Major: Biology  
Degree: B.A.

**MEDICAL SCHOOL** University of Colorado  
Health Sciences Center  
1978 - 1982  
Degree: M.D.

**INTERNSHIP** General Surgery  
University of Colorado  
Health Sciences Center  
1982-1983

**RESIDENCY** Orthopedic Surgery  
University of Colorado  
Health Sciences Center  
1983-1987

Rotations:

- University Hospital (UCHSC), General Orthopaedics
- Denver General Hospital, Traumatology
- Rancho Los Amigo, Downey, CVA-Head injury, Spinal cord injury, Amputee services
- Denver General Hospital, Hand Surgery
- University Hospital-General Orthopedics
- Veteran's Administration Hospital, Chief Resident, General Orthopedics
- Denver General Hospital, Chief Resident, Traumatology
- University Hospital, Chief Resident, Total joint replacement service

## FELLOWSHIPS

Pediatric Orthopedics  
Children's Hospital and Health Center  
University of California, San Diego School of Medicine  
8001 Frost Street  
San Diego, CA 92123  
1987 - 1988

Under the direction of:

- David Sutherland, M.D.
- Scott Mubarak, M.D.
- Dennis Wenger, M.D.

Hand Surgery  
Brigham and Women's Hospital  
Harvard University  
75 Francis Street  
Boston, MA 02115  
1988 - 1989

Under the direction of:

Barry P. Simmons, M.D.

## POSITIONS

Group Health Cooperative of Puget Sound  
124 Tacoma Avenue South  
Tacoma, Washington 98402

General Orthopedist with emphasis in  
Hand Surgery & Pediatric Orthopedics  
9/89 - 11/90

UCSD Medical Center  
Department of Surgery  
Division of Orthopaedics  
200 West Arbor Drive, 8894  
San Diego, CA 92103

Professor of Clinical Orthopaedic Surgery  
Chief, Hand and Microvascular Surgery  
11/90 – Present

Professor of Clinical Surgery  
03/02 – Present

Vice Chairman  
Department of Orthopaedic Surgery  
University of California, San Diego  
4/99 – Present

Medical Director of Hillcrest Same Day Surgery  
2003 - Present

**HONORS**

Phi Sigma Society  
Occupational Therapy Association of  
California Community Recognition Award – 1992  
Vernon Nickel Teaching Award – 1997 & 1998  
Listed in Best Doctors in America, Pacific Region, Woodward &  
White, '97, '98, '02, '05, '06 and 2007  
Listed with Consumers' Research Council of America as  
“Top Surgeon in America” for 2006, 2007  
Listed in San Diego County Med Soc '06, & 2007 “Top Doctors”  
Wayne H. Akesson Teaching Award 2007

**AWARDS**

Meunier MJ, Hartman AP, Mahar A, Abrams, RA: Analysis of  
Radial Head Replacement as a Secondary Stabilizer: The Effect on  
Elbow Stability. Recipients of the Chicago Society for Surgery of  
the Hand (CSSH) Sumner L. Koch Award, for having "the greatest  
future clinical application to the practice of hand surgery."  
September 2004. Award Presented at the ASSH Annual Meeting  
in San Antonio, TX 2005

**GRANTS**

OREF Career Grant  
July 1, 1996-June 30, 1998  
\$135,000

OREF Outcome Research Grant  
Open vs. Endoscopic CTR Multi-Center Study  
July 1, 1997 - June 30, 1999

**PROFESSIONAL  
ORGANIZATIONS**

American Medical Association  
Academic Orthopaedic Society  
American Academy of Orthopaedic Surgeons  
American Society for Surgery of the Hand  
California Medical Association  
Kiros Society, California Medical Association,  
Western Orthopaedic Association  
Association of Hand Surgery Fellowship Directors  
San Diego County Medical Society  
Little Orthopaedic Club  
Academy of Clinician Scholars Membership Committee

**CERTIFICATIONS**

Cardiopulmonary Resuscitation  
Fluoroscopy  
Endoscopic CTR (Agee)

**BOARD  
CERTIFICATIONS**

American Board of Orthopaedic Surgery – 1991  
American Board of Orthopaedic Surgery Recertification – 2002  
Certificate for Added Qualifications in Hand Surgery – 1992  
Certificate for Added Qualifications in Hand Surgery  
Recertification– 2002

## INDUSTRIAL MEDICAL

COUNCIL CERTIFICATION Qualified Medical Evaluator – 2001

## MEDICAL LICENSURE

California G059829  
Colorado #28009  
Washington #25309

## JOURNAL REVIEW

Consultant Reviewer for Journal of the American Academy of Orthopaedic Surgeons

Associate Editor for Journal of Hand Surgery

## PUBLICATIONS

### RESEARCH ARTICLES

1. Keenan MA, **Abrams RA**: Results of Fractional Lengthening of the Finger Flexors in Adults with Acquired Upper Extremity Spasticity. Orthopedic Transactions, 10-3:556, 1986
2. Keenan MA, **Abrams RA**: Results of Fractional Lengthening of the Finger Flexors in Adults with Acquired Upper Extremity Spasticity. Journal of Hand Surgery, 12A:575-581, 1987
3. Wenger D, **Abrams RA**, Yaru N, Leach J: Obstruction of the Colon Due to Protrusion of the Acetabulum on Osteogenesis Imperfecta: Treatment by Pelvic Osteotomy. Journal of Bone and Joint Surgery, 70A:1103-1107, 1988
4. **Abrams RA**, Mubarak S: Musculoskeletal Consequences of Near-Drowning in Children. Journal of Pediatric Orthopaedics, 11(2):168-175, 1991
5. Jacobson MD, Rajnik R, Fazeli BM, **Abrams RA**, Botte MJ, Lieber RL: Architectural Design of the Human Intrinsic Hand Muscles. Journal of Hand Surgery, 17A:804-809, 1992
6. Botte MJ, Davis JLW, Rose BA, von Schroeder HP, Gellman H, Zinberg EM, **Abrams RA**: Complications of Smooth Pin Fixation of Fractures and Dislocations in the Hand and Wrist. Clinical Orthopaedics, Vol 276:194-201, 1992
7. Lieber RL, Jacobson MD, Fazeli BM, **Abrams RA**, Botte MJ: Architecture of selected muscles of the arm and forearm: Anatomy and implications for tendon transfer. The Journal of Hand Surgery, 17A:787-798, 1992
8. **Abrams RA**, Brown RA, Botte MJ: The Superficial Branch of the Radial Nerve: An Anatomic Study with Surgical Implications. The Journal of Hand Surgery, Vol 17, No 6, pp 1037-1041, November, 1992

CURRICULUM VITAE FOR REID ALLEN ABRAMS, M.D.

9. Spaeth HJ, **Abrams RA**, Bock GW, Trudell D, Hodler J, Botte MJ, Petersen M, Resnick D: Gamekeeper's Thumb: Differentiation of Nondisplaced and Displaced Tears of the Ulnar Collateral Ligament with MR Imaging. *Radiology*, 1993; 188:553-556
10. **Abrams RA**, Simmons BP, Brown RA, Botte MJ: Treatment of Post-traumatic Radioulnar Synostosis with Excision and Low-Dose Radiation. *Journal of Hand Surgery*, 1993; 18A:703-707
11. **Abrams RA**, Peterson M, Botte MJ: Arthroscopic Portals of the Wrist: An Anatomic Study. *Journal of Hand Surgery*, 1994; 19A:940-944
12. Cage DN, **Abrams RA**, Callahan JJ, Botte MJ: Soft Tissue Attachments of the Ulnar Coronoid Process: An Anatomic Study with Radiographic Correlation. *Clinical Orthopaedic and Related Research*, 1995; Vol 320:154-158
13. **Abrams RA**, Ziets R, Lieber RL, Botte MJ: Anatomy of the Radial Nerve Motor Branches in the Forearm. *Journal of Hand Surgery*, 1997; 22A:232-237
14. Bodine-Fowler SC, Meyer S, Moskovitz A, **Abrams RA**, Botte MJ: Inaccurate Projection of Rat Soleus Motoneurons: A Comparison of Nerve Repair Techniques. *Muscle and Nerve*, 1997; 20:29-37
15. Meyer RS, **Abrams RA**, Botte MJ, Davey JP, Bodine-Fowler SC: Functional Recovery Following Neuroorrhaphy of the Rat Sciatic Nerve by Epineurial Repair Compared with Tubulization. *Journal of Orthopaedic Research*, 1997; Vol 15; 5:664-669
16. **Abrams RA**, Butler JM, Bodine-Fowler S, Botte MJ: Tensile Properties of the Neuroorrhaphy Site in the Rat Sciatic Nerve. *Journal of Hand Surgery*, 1998; 23A:465-470
17. **Abrams RA**, Fenichel AS, Callahan JJ, Brown RA, Botte MJ, Lieber RL: The Role of Ulnar Nerve Transposition in Ulnar Nerve Repair: A Cadaver Study. *Journal of Hand Surgery*, 1998; 23A:244-249 (6 pages)
18. Jamali AJ, Afshar P, **Abrams RA**, Lieber RL: Expression of Neural Cell Adhesion Molecule (NCAM) in Tenotomized Skeletal Muscle. *Trans Orthop. Res. Soc.*, 1998 22:164 (1 page)
19. Tsai AM, Jamali AJ, **Abrams RA**, Lieber RL: Skeletal Muscle Recovery Following Tenotomy and Simulated Seven Day Delayed Tendon Repair, *Trans Orthop. Res. Soc.*, 1998 23:663 (1 page)
20. **Abrams RA**, Tsai AM, Watson B, Jamali AJ, Lieber RL: Skeletal Muscle Recovery after Tenotomy and 7-Day Delayed Muscle Length Restoration. *Muscle & Nerve*, 2000, 23:707-714 (8 pages)
21. Jamali AJ, Afshar P, **Abrams RA**, Lieber RL: Skeletal Muscle Response to Tenotomy. *Muscle and Nerve*, 2000, 23:851-862 (12 pages)

## CURRICULUM VITAE FOR REID ALLEN ABRAMS, M.D.

22. Diliberti T, Botte MJ, **Abrams RA**: Anatomical Considerations Regarding the Posterior Interosseous Nerve During Posterolateral Approaches to the Proximal Part of the Radius. Journal of Bone and Joint Surgery, 2000, 82A(6):809-813 (5 pages)
23. Lee GW, Massry DR, Kupfer DM, **Abrams RA**: Documentation of Brachial Plexus Compression in the Thoracic Inlet with Quantitative Sensory Testing. Journal of Reconstructive Microsurgery, 2000 16(1):15-20 (5 pages)
24. Kim C, **Abrams RA**, Lee G, Hoyt D, Garfin SR: Use of Vascularized Fibular Grafts as a Salvage Procedure for Previously Failed Spinal Arthrodesis. Spine, 26:19, 2171-2175, October 2001 (5 pages)
25. Jamali AJ, Afshar P, **Abrams RA**, Lieber RL: Differential Expression of Neural Cell Adhesion Molecule (NCAM) After Tenotomy in Rabbit Skeletal Muscle. Journal of Orthopaedic Research, 20(2):364-369, March, 2002 (7 pages)
26. Tran HN, Cannon DL, Lieber RL, **Abrams RA**: *In Vitro* Cyclic Tensile Testing of Combined Peripheral and Core Flexor Tenorrhaphy Suture Techniques. Journal of Hand Surgery, Vol. 27A:3, 518-524, May, 2002 (7 pages)
27. Trumble TE, Diao E, **Abrams RA**, Gilbert-Anderson MM: Single-Portal Endoscopic Carpal Tunnel release Compared with Open Release: A Prospective Randomized Trial. Journal of Bone & Joint Surgery, Vol. 84A:7, 1107-1115, July, 2002 (9 pages)
28. Apfel E, Johnson M, **Abrams RA**: "Comparison of Range-of-Motion Constraints Provided by Prefabricated Splints Used in the Treatment of Carpal Tunnel syndrome: A Pilot Study." Abstract presented at 2001 Annual Meeting of the American Society of Hand Therapists, October 2001, - Winner - Best Clinical Paper Award, Journal of Hand Therapy, Vol. 15:3, 226-233, July-Sept Anniversary Issue, 2002 (8 pages)
29. **Abrams, R**: "Volar Wedge Grafting of the Humpback Scaphoid." Atlas of the Hand Clinics, 9 159-166 January 2004
30. **Abrams, R**: "Endoscopic Versus Open Carpal Tunnel Release" Journal of Hand Surgery, Vol. 34A:3, 535-539, March, 2009 (5 pages)

## REVIEW ARTICLES

1. Botte MJ, **Abrams RA**, Keenan MA, Mooney V: "Limb Rehabilitation in Stroke Patients." J Musculoskel Med, 9(6):66-78, 1992
2. Botte MJ, **Abrams RA**: "Recognition and Treatment of Bursitis of the Shoulder." Sports Medicine Digest, Vol 14, No 7, July 1992
3. Botte MJ, Byrne TP, Abrams RA, Garfin SR: "Avoiding Pitfalls in Halo Applications." Operative Techniques in Orthopaedics, Vol 3, No 3, 1993; pp 257-267
4. Botte MJ, Byrne TP, Abrams RA, Garfin SR: "The Halo Skeletal Fixator: Pin Site

## CURRICULUM VITAE FOR REID ALLEN ABRAMS, M.D.

- Selection and Techniques of Application.” Online, Volume 2, Number 2, pp 14-22, 1995
5. Botte MJ, **Abrams RA**, Bodine S: “Treatment of Acquired Muscle Spasticity Using Phenol Peripheral Nerve Blocks.” Orthopedics, 18:2;151-159, 1995
  6. Botte MJ, Byrne TP, **Abrams RA**, Garfin SR: “Halo Skeletal Fixation: Techniques of Application and Prevention of Complication.” Journal of the American Academy of Orthopaedic Surgeons, 4:1;44-53, 1996
  7. Botte MJ, Santi MD, Prestianni CA, **Abrams RA**: “Ischemic Contracture of the Foot and Ankle:Principles of Management and Prevention.” Orthopedics, 19:3;235-244, 1996
  8. **Abrams RA**, Botte MJ: “Hand Infections: Treatment Recommendations for Specific Types.” Journal of American Academy of Orthopaedic Surgeons, Vol 4:219-230, 1996
  9. Botte MJ, Santi MD, **Abrams RA**: “Technique Tip: Lengthening of the Terminal Portion of a Tendon.” Foot and Ankle, 17:12; 783, 1996
  10. Botte MJ, von Schroeder HP, Abrams RA, Gellman H: “Recurrent Carpal Tunnel Syndrome.” Hand Clinics, 1996, Vol 12; 4:731-743
  11. Botte MJ, Keenan MA, Abrams RA, von Schroeder HP, Gellman H, Mooney V: “Heterotopic Ossification in Neuromuscular Disorders.” Orthopedics 20(4): 335-341, 1997
  12. **Abrams, R**: “Volar Wedge Grafting of the Humpback Scaphoid.” Operative Techniques in Orthopedics, Ed. Munih Shah Vol 13:1 January 2003
  13. **Abrams RA**, Tontz William: “Pisotriquetral Arthrodesis as an Alternative to Excision for Pisotriquetral Instability in High-Demand Patients: A Case Report in a Gymnast.” Journal of Hand Surgery 31A: 611-614, 2006
  14. Bodor R., Greenberg J, Abrams R, Hart M, Khanna A: “Microvascular Hepatic Artery Reconstruction in Pediatric Abdominal Transplantation: Pearls and Pitfalls.” Pediatric Transplant 2007 Aug;11(5):471-6

## BOOK CHAPTERS

1. **Abrams RA**, Wenger D, “Myelomeningocele,” Nickle VL, and Botte MJ, Orthopaedic Rehabilitation, 2nd Ed, Churchill Livingstone, Inc., pp. 547-558, 1992
2. **Abrams RA**, Wells-Rawson S, “Anoxic Brain Injury,” Nickle VL, and Botte MJ, Orthopaedic Rehabilitation, 2nd Ed, Churchill Livingstone, Inc., pp. 391-400, 1992
3. Botte MJ, Abrams RA, Berchuck M, Keenan MA, “Common Abbreviations Used in Orthopaedic Surgery and Rehabilitation,” Nickle VL, Botte MJ, Orthopaedic Rehabilitation, 2nd edition, Churchill Livingstone, Inc., 1992

#### CURRICULUM VITAE FOR REID ALLEN ABRAMS, M.D.

4. Botte MJ, Abrams RA, Keenan MA, “Definitions of Common Anatomic Terms Used in Orthopaedic Surgery and Rehabilitation,” Orthopaedic Rehabilitation, 2nd edition, Churchill Livingstone, Inc, Publ, 1992
5. Botte MJ, Abrams RA, Keenan MA, “Common Terms of Position, Direction, and Movement,” Orthopaedic Rehabilitation, 2<sup>nd</sup> ed, Churchill Livingstone, Inc, Publ, 1992
6. Botte MJ, **Abrams RA**, Berchuck M, Keenan MA, “Muscles of the Limbs: Origin, Intersection, Action, Innervation,” Orthopaedic Rehabilitation, 2nd edition, Churchill Livingstone, Inc, Publ, 1992
7. Botte MJ, Bodine-Fowler SC, Dulbecco FL, **Abrams RA**: “Nerve Repair.” In: Current Therapy in the Foot and Ankle Surgery. Myerson MS, Mosby-Yearbk, pp. 279-287, 1993
8. Botte MJ, Fronek J, Pedowitz RA, Hoenecke HR, **Abrams RA**, Hamer ML: “Exertional Compartment Syndrome of the Upper Extremity.” Hand Clinics -- Compartment Syndrome and Volkmann’s Ischemic Contracture, Editors HS Lovette, MJ Botte, W.B. Saunders Co Publishers, Philadelphia, PA, Volume 14, Number 3, pp. 477-482, 1998
9. Botte MJ, Tran HN, **Abrams RA**, Vaughan LM, Brown RA, Hamer ML, Colwell CW: “Benign Tumors of the Wrist.” Watson & Weinzeig. The Wrist, 44:683-721, 2001
10. **Abrams R**: “Radial Nerve Palsy.” Accepted Invited Book Chapter in Hand Surgery, Eds. RA Berger, A.P. Weiss, Lippincott, Philadelphia, PA December 2003.
11. **Abrams R**: “Principles of Tendon Transfers.” Accepted Invited Book Chapter in Hand Surgery, Eds. RA Berger, A.P. Weiss, Lippincott, Philadelphia, PA December 2003
12. **Abrams R**: “Carpal Tunnel Syndrome.” Invited Book Chapter for Hand Surgery Update 3, Published by American Academy of Orthopaedic Surgeons 2003
13. **Abrams, R**: “Repair of Thumb Metacarpophalangeal Instability.” Invited Book Chapter in Surgical Techniques of the Hand and Wrist, Eds. Short, W., Geissler, W.,
14. **Abrams, R**: “Hand Infections.” Invited Book Chapter in The Liverpool Book of Orthopaedics, The University of Liverpool, Liverpool, UK,

#### ABSTRACTS

1. **Abrams RA**, Odom J, “Efficacy of Early Tendon Transfer in the Treatment of Calcaneocavus Foot Deformity in L5 Meningomyelocele Patients,” Orthopedic Transactions, 12-1:37, 1985
2. Jacobson MD, Fazeli RA, Raab RW, **Abrams RA**, Botte MJ, Lieber RL, “Application of Human Muscle Architecture to Tendon Transfer Procedures.” Transactions of the 38<sup>th</sup> Annual Meeting of the Orthopaedic Research Society, 17:1, 2/17-2/20, Washington, DC, 1992

## CURRICULUM VITAE FOR REID ALLEN ABRAMS, M.D.

3. **Abrams RA**, Petersen M, Botte MJ, “Arthroscopic Portals of the Wrist: An Anatomic Study.” Year Book of Hand Surgery, pp 184-186, 1996
4. **Abrams RA**, Tsai AM, Watson B, Lieber RL, “Skeletal Muscle Recovery after Tenotomy and the Effects of Delayed Muscle Length Restoration.” Abstract presented at the 54th Annual Meeting of the American Society Surgery of the Hand, Boston, MA, September 1-4, 1999
5. Tran H, Cannon D, Lieber RL, **Abrams RA**: “Cyclic Loading of Flexor Tendon Repair: A Comparison of Suture Techniques for Early Active Mobilization.” Adrian E. Flatt Residents and Fellows Conference in Hand Surgery at the 54th Annual Meeting of the American Society for Surgery of the Hand, Boston, MA, September 1-2, 1999
6. Trumble, TE, Diao, E, **Abrams, RA**: “Carpal Tunnel Release Prospective Randomized Trial of Endoscopic vs. Open Carpal Tunnel Release with Single Portal Technique.” Journal of Bone & Joint Surgery 2001
7. Apfel E, Johnson M, **Abrams RA**: “A Pilot Study to Compare Wrist and Finger Range of Motion Positioning in Prefabricated Splints Used for the Treatment of Carpal Tunnel Syndrome.” Research Paper presented at 2001 Annual Meeting of the American Society of Hand Therapists, October 2001 Winner - Best Clinical Paper Award
8. Apfel E, Johnson M, **Abrams RA**: “A Pilot Study to Compare Range of Motion Constraints Provided by Prefabricated Splints Used in the Treatment of Carpal Tunnel Syndrome.” Research Manuscript submitted to Journal of Hand Therapy, 2001
9. Kim, CK, **Abrams RA**, Lee G, Hoyt D, Garfin S: “Use of Vascularized Fibular Grafts as a Salvage Procedure for Previously Failed Spinal Arthrodesis.” Research Paper published in Spine, 26:19, October 2001
10. Sanchez HB, Mariano ER, **Abrams R**, Meunier M. “Pneumothorax following infra-clavicular brachial plexus block for hand surgery: two case reports.” Orthopedics in press

### PRESENTATIONS

1. “Incidence of Knee Ligamentous Injuries Associated with Femur Fractures” - Barnard Seminar, University of Colorado Dept of Orthopedics, Dec 1983
2. “Results of Fractional Lengthening of the Finger Flexors in Adults with Acquired Upper Extremity Spasticity” - Rancho Los Amigos, Downey, CA, Dec 1984; American Orthopedics Association Residents' Conference, May 1986; Barnard Seminar, University of Colorado Dept of Orthopedics Nov 1986
3. **Abrams RA**, “Efficacy of Early Tendon Transfer in the Treatment of Calcaneocavus Foot Deformity in L5 Meningomyelocele Patients” - Children's Orthopedic Day, Denver Children's Hospital, April 1986; Barnard Seminar finalist, University of Colorado Dept of Orthopedics; Western Orthopedic Society Summer Meeting, Aug 1987; American Foot

**CURRICULUM VITAE FOR REID ALLEN ABRAMS, M.D.**

and Ankle Society Summer Meeting 1987

4. **Abrams RA**, University of California - San Diego Orthopedic Grand Rounds 1987-1988  
“Physcal Growth Arrest,” “Hip Dysplasia in the Older Child and Young Adult,” “Legg-Perthes Disease,” “Madelung's Deformity”
5. **Abrams RA**, “Orthopedic Consequences of Near Drowning in Children,” Presented at the American Academy for Cerebral Palsy and Developmental Medicine 1989, San Francisco
6. **Abrams RA**, Poster Exhibit: “Superficial Radial Nerve” AHS 1991
7. **Abrams RA**, “Pitfalls in Emergency Evaluation and Treatment,” Vail ER Meeting 1992
8. **Abrams RA**, “Hand Infections, Evaluation and Treatment,” Vail ER Meeting 1992
9. **Abrams RA**, “Hand Anatomy and Exam in ER,” Vail ER Meeting 1992
10. **Abrams RA**, “Elbow, Wrist and Hand, Upper Extremity Workshop,” UCSD Sports Medicine Conference, San Diego July 1992,
11. **Abrams RA**, “How I Manage Series: deQuervain’s, Carpal Tunnel Syndrome, Mallet Finger, and Gamekeepers Thumb,” UCSD Sports Medicine Conference, SD, July 1992
12. **Abrams RA**, “Hand Fractures, Children's Fractures, Wrist Fractures,” Nurses AO/ASIF Conference San Diego, April 1992
13. **Abrams RA**, “Use of MRI in the Diagnosis of Gamekeepers Thumb,” Kiros Society Annual Meeting, April 1992
14. Spaeth HJ, **Abrams RA**, Bock GW, Trudell D, Holder J, Botte MJ, Petersen M, Resnick D, “Gamekeeper's Thumb: Differentiation of Nondisplaced and Displaced Tears of the Ulnar Collateral Ligament with MR Imaging,” poster exhibit ASSH 48th Annual Meeting, 1993, Kansas City, MO, and the AAOS, Sixtieth Annual Meeting, San Francisco, CA, 1993
15. **Abrams RA**, Peterson M, Botte MJ, “Anatomy of the Arthroscopic Portals of the Wrist,” poster exhibit, ASSH 48th Annual Meeting, Kansas City, MO, 1993
16. **Abrams RA**, Butler JM, Bodine-Fowler SC, Botte MJ, “Biomechanical Properties of the Peripheral Nerve Following Neurorrhaphy,” Podium Presentation ASSH 48th Annual Meeting, Kansas City, MO, 1993
17. **Abrams RA**, “Tendon Transfers” presentation, San Diego Hand Special Interest Group, San Diego, June 1993
18. **Abrams RA**, “Entrapment Syndrome of the Cervical Spine and Upper Extremity,” presentation, 45th Annual AAFP Scientific Assembly, Orlando, FL, 1993

CURRICULUM VITAE FOR REID ALLEN ABRAMS, M.D.

19. **Abrams RA**, “Wrist Arthroscopy,” presentation, American Society of Hand Therapist, 16th Annual Meeting, Kansas City, MO, 1993
20. Cage DN, **Abrams RA**, Callahan JJ, Botte MJ, “Soft Tissue Attachments of the Ulnar Coronoid Process,” Podium Presentation, American Academy of Orthopaedic Surgeons, San Francisco, CA, 1993
21. **Abrams RA**, “Upper Extremity Anatomy Course,” Kaiser Hospital, Pomona, CA, October 1993
22. **Abrams RA**, “Endoscopic Carpal Tunnel Release Workshop,” UCSD, July 10, 1993
23. Meyer RS, **Abrams RA**, Botte MJ, Kitabayashi LR, Bodine SC, “Functional Recovery Following Peripheral Nerve Injury and Repair of the Rat Sciatic Nerve,” poster exhibit ORS 40th Annual Meeting, New Orleans, LA, 1994
24. **Abrams RA**, “Elbow, Wrist and Hand, Upper Extremity Workshop,” UCSD Sports Medicine Conference, San Diego, July 1994
25. Fenichel, **Abrams**, Callahan, Brown, “Ulnar Nerve Length Gained by Transposition at the Elbow: A Cadaver Study,” Poster Presentation, American Society for Surgery of the Hand, 49th Annual Meeting, Cincinnati, OH, September 1994
26. **Abrams RA**, UCSD Department of Orthopaedics, CME Hand Conferences, “Flexor Tendon Injuries,” “Tendon Transfers,” “Carpal Tunnel Syndrome,” “Compressive Neuropathies Around the Elbow” 1995
27. **Abrams RA**, “Kienbock's Disease,” presentation American Society of Hand Therapist Meeting, Chicago, IL, April 28-30, 1995
28. **Abrams RA**, “Wrist Muscle Architecture and Transfers,” Lab Session American Society of Hand Therapist Meeting, Chicago, IL, April 28-30, 1995
29. **Abrams RA**, “Rheumatoid Arthritis,” AMOT '95, Tijuana, Mexico, San Diego, CA, October 29, 1995
30. **Abrams RA**, “Tendon Transfers,” American Society of Hand Therapist, instructor anatomy lab session, UCSD, 1995
31. **Abrams RA**, “Functional Anatomy of the Hand,” Human Anatomy Course, Extremity Section, UCSD, November 18, 1995
32. Ziets R, **Abrams RA**, Botte MJ, Lieber RL, “Quantative Anatomy of the Radial Nerve Motor Branches in the Forearm,” Presented Paper, ASSH, Residents and Fellows Conference, San Francisco, CA, September 1995.
33. Host 1996 Annual Kiros Meeting, Park City, Utah, March 7-10, 1996, Tsai AM, Watson B, **Abrams RA**, Botte MJ, Lieber RL, “Differential Skeletal Muscle Recovery After Tenotomy Compared to Passive Tenotomy,” 42nd Annual Meeting ORS, February 1996

CURRICULUM VITAE FOR REID ALLEN ABRAMS, M.D.

34. **Abrams RA**, "Hand and Wrist Exam." UCSD and Children's Pediatric and Adolescent Sports Medicine, March 28-30, 1996
35. **Abrams RA**, "Differential Skeletal Muscle Recovery After Tenotomy Compared to Passive Tenotomy." Little Orthopaedic Club, San Diego, CA May 9-11, 1996
36. **Abrams RA**, "State of the Art: Carpal Syndrome." San Diego State University's 2nd Annual Sports and Occupational Medicine in Primary Care Conference, June 10-12, 1996
37. **Abrams RA**, "Flexor Tendons Injuries." American Society of Hand Therapists, San Diego, CA, September 20, 1997
38. **Abrams RA**, "Elbow, Wrist and Hand: Tendinitis and Nerve Compression Disorders." 1<sup>st</sup> Annual Primary Care Orthopaedics Conference, University of California, San Diego, October 2-4, 1997
39. Diliberti T, Allen T, **Abrams RA**, "Anatomic Considerations During the Lateral Approach to the Proximal Radius." Presented Paper, AAOS Annual Meeting, New Orleans, LA, March 20, 1998
40. **Abrams RA**, "Antibiotics for Hand Infections." American Society for Surgery of the Hand Specialty Day, AAOS Annual Meeting, New Orleans, LA, March 22, 1998
41. Tsai AM, Jamali AJ, **Abrams RA**, Lieber RL, "Skeletal Muscle Recovery Following Tenotomy and Simulated Seven Day Delayed Tendon Repair." Presented Poster, AAOS Annual Meeting, Orthopedic Research Society, New Orleans, LA, March 17, 1998
42. Jamali AJ, Afshar P, **Abrams RA**, Lieber RL, "Expression of Neural Cell Adhesion Molecule (NCAM) in Tenotomized Skeletal Muscle." Podium Presentation, AAOS Annual Meeting, Orthopedic Research Society, New Orleans, LA, March 18, 1998
43. **Abrams RA**, "Skeletal Muscle Recovery after Tenotomy and Simulated Delayed Repair." Western Orthopedic Association Visiting Professor Meeting, UCSD, San Diego, April 15, 1998
44. **Abrams RA**, "Supracondylar Fractures." AO/ASIF Nurses Meeting, San Diego, CA, April 26, 1998
45. **Abrams RA**, "Arthritis in the Hands." Arthritis Foundation Forum, Thornton Hospital, San Diego, CA, May 23, 1998
46. Tsai AM, Watson B, Lieber RL, **Abrams RA**, "Skeletal Muscle Recovery after Tenotomy and Simulated Delayed Repair," Kiros Society Annual Meeting, Jackson Hole, WY, June, 1998
47. Tsai AM, Watson B, **Abrams RA**, Lieber RL, Poster Exhibit: "Skeletal Muscle Recovery after Tenotomy." American Society for Surgery of the Hand Annual Meeting, Minneapolis, MN, September 10-12, 1998

**CURRICULUM VITAE FOR REID ALLEN ABRAMS, M.D.**

CURRICULUM VITAE FOR REID ALLEN ABRAMS, M.D.

48. **Abrams RA**, Faculty – Second Annual Primary Care Orthopaedics Course, UCSD Continuing Medical Education, Lecture: “Elbow, Wrist, Hand.” La Jolla Marriott October 10, 1998,
49. **Abrams RA**, “Carpal Tunnel Syndrome.” lecture presented to UCSD employees and health care workers, celebrating Disability Awareness Week at UCSD sponsored by the UCSD Employee Rehabilitation Program; Vice Chancellor, Business Affairs; Community Advocates for Disability Rights and Education (CADRE); and Office for Students with Disabilities, October 12, 1998
50. **Abrams RA**, “Functional Anatomy of the Hand.” Anatomy lecture, UCSD School of Medicine Anatomy Department, November 2, 1998
51. **Abrams RA**, “Rheumatoid Arthritis.” UCSD Television Presentation, Channel 35 Broadcasts. MD-TV series featuring current medical topics. December 17, 1998
52. **Abrams RA**, “Hand/Wrist Exam.” Faculty – 1999 Pediatric & Adolescent Sports Medicine Conference, UCSD School of Medicine & Children’s Hospital, Catamaran Resort, San Diego, March 25, 1999
53. **Abrams RA**, “Supracondylar and Intercondylar Fractures of the Humerus.” and “Epicondylitis of the Elbow.” two lectures presented at a course, “From the Elbow to the Hand: A Current Practical Approach to Problem-Solving.” for general orthopaedic surgeons, sponsored by the American Academy of Orthopaedic Surgeons, San Diego Hilton, April 16, 1999
54. **Abrams RA**, “Upper Extremity.” Anatomy lecture, UCSD School of Medicine Anatomy Department, April 22, 1999
55. **Abrams RA**, “Flexor Tendon Injuries.” lecture to San Diego Hand Special Interest Group, Children’s Hospital, San Diego, April 28, 1999
56. **Abrams RA**, “Arthritis in the Hands.” Arthritis Foundation Forum, Thornton Hospital, May 15, 1999
57. **Abrams RA**, “Strength of Finger Flexor Tenorrhaphy Techniques During Early Active Motion, an *In Vitro* Cyclic Loading Model.” presented at the Kiros Society Annual Meeting, Napa, CA, June 1999
58. Tran, Cannon, **Abrams RA**, “Cyclic Loading of Flexor Tendon Repair: A Comparison of Suture Techniques for Early Active Mobilization.” presented at the 1999 American Society for Surgery of the Hand Meeting, Boston, September 1, 1999
59. **Abrams RA**, Tsai AM, Watson B, Jamali AJ, Lieber RL, “Skeletal Muscle Recovery After Tenotomy and the Effects of Delayed Muscle Length Restoration.” a paper presented at the American Society for Surgery of the Hand 54th Annual Meeting Revolution for the New Millennium, Boston, September 2-4, 1999

CURRICULUM VITAE FOR REID ALLEN ABRAMS, M.D.

60. **Abrams RA**, “Update on the Management of Traumatic and Reconstructive Intermediate Problems of the Scaphoid.” an instructional course at the American Society for Surgery of the Hand 54<sup>th</sup> Annual Meeting Revolution for the New Millennium, Boston, September 2-4, 1999
61. **Abrams RA**, “Elbow, Wrist and Hand: Tendonitis and Nerve Compression.” Lecture presented at UCSD Primary Care Orthopaedics, San Diego, September 23-25, 1999
62. **Abrams RA**, “Hand and Wrist Exam,” workshop presented at the UCSD Pediatric & Adolescent Sports Medicine Program, San Diego, February 17-19, 2000
63. Trumble, Diao, **Abrams RA**, Gilbert, “Outcome of Single Portal Endoscopic Versus Open Carpal Tunnel Release: A Prospective Randomized Trial.” poster presented at the American Academy of Orthopaedics Surgeons 68th Annual Meeting, San Francisco, February 28 – March 4, 2000
64. Tran H, Cannon D, Lieber R, **Abrams R**: “Strength of Finger Flexor Tenorrhaphy Techniques During Early Active Motion, an *In Vitro* Cyclic Loading Model.” presented at the 67<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, Orlando, FL, March 15-19, 2000
65. **Abrams RA**, “Surgery for Rheumatoid Arthritis in the Wrists and Hands.” presented at the Arthritis Foundation Meeting, La Jolla, CA, May 6, 2000
66. Trumble, Diao, **Abrams RA**, Gilbert, “Randomized Prospective Trial of Endoscopic Versus Open Carpal Tunnel Release with Single Portal Technique.” lecture presented at the American Society for Surgery of the Hand 55<sup>th</sup> Annual Meeting Overcoming Adversity: Hand Surgeons shaping the 21<sup>st</sup> Century, Seattle, WA, October 6, 2000
67. **Abrams RA**, “Elbow, Wrist and Hand: Tendonitis and Nerve Compression,” lecture presented at Primary Care Orthopaedics 2000, San Diego, October 21, 2000
68. **Abrams RA**, “Muscle Response to Tenotomy.” lecture presented at KIROS Society Annual Meeting, Utah, April 9, 2001
69. Apfel E, Johnson M, **Abrams RA**, “A Pilot Study to Compare Wrist and Finger Range of Motion Positioning in Prefabricated Splints Used for the Treatment of Carpal Tunnel Syndrome.” Research Paper podium presentation at Annual Meeting of the American Society of Hand Therapists, October 2001 Winner of “Best Clinical Paper Award”
70. **Abrams RA**, “Muscle Response to Tenotomy.” lecture presented at AAOS / ORA Annual meeting –XII, Coronado Island (San Diego), CA, April 20-21, 2001
71. Eggleston, Robinson, **Abrams RA**, “Branch Patterns of The Ulnar Nerve.” a podium presentation at the American Society for Surgery of the Hand Adrian E. Flatt 2001 Residents and Fellows Conference in Hand Surgery, Baltimore, MD, October 3, 2001
72. **Abrams RA**, “Elbow, Wrist and Hand: Tendonitis and Nerve Compression.” lecture presented at Primary Care Orthopaedics 2001, La Jolla, CA October 18-20, 2001

**CURRICULUM VITAE FOR REID ALLEN ABRAMS, M.D.**

73. **Abrams RA**, “Optimizing Hand Surgery: How Basic Concepts in Neuromuscular Biomechanics are Changing the Evaluation of Hand Function and the Design of Surgical Procedures,” an instructional course presented at the American Society for Surgery of the Hand 56<sup>th</sup> Annual Meeting, Baltimore, MD, October 4-6, 2001
74. **Abrams RA**, Lecturer, Functional Anatomy of the Hand, Upper Extremity lecture presented at Surgery 227 Clinical Anatomy, November 5, 2001
75. **Abrams RA**, Co-Chair of the Hand and Wrist Committee and Invited Speaker, “The Influence of Muscle Architecture on Joint Movement” for the SICOT/SIROT 2002 XXII World Congress Meeting, San Diego Convention Center, August 23-30, 2002
76. **Abrams RA**, Invited Lecturer, “Current Options in the Treatment of Distal Radius Fractures,” course presented at the American Academy of Orthopaedic Surgeons Orthopaedic Learning Center in Rosemont, Illinois, September 20-21, 2002
77. **Abrams RA**, Discusser for Hand and Wrist Reconstruction / Speaker Moderator for Imaging Session and / Instructor for TriMed Fragment Specific Wrist Fixation Workshop at the American Society for Surgery of the Hand Synergy 2002, 57<sup>th</sup> Annual Meeting, in Phoenix, Arizona, October 3-5, 2002
78. **Abrams RA**, Eggleston J., Robinson C, Presenter, “Anatomy of the Branches of the Ulnar Nerve in the Forearm,” a podium presentation at the American Society for Peripheral Nerve 12<sup>th</sup> Annual Scientific Meeting, in Kauai, Hawaii, January 8-14, 2003
79. **Abrams RA**, Presenter, “Rheumatoid Upper Extremity Surgery for the Rheumatologist,” a presentation at the Rheumatology Training Conference at UCSD Stein Building, November 2003
80. **Abrams RA**, Instructor for TriMed Bioskills Workshop. “Treatment of Unstable Distal Radius Fractures with Outpatient, Mini-Invasive ORIF, and Immediate Motion,” at the American Society for Surgery of the Hand 58<sup>th</sup> Annual Meeting in Chicago, Illinois, September 18 – 20, 2003
81. **Abrams RA**, Faculty for the Orthopaedic Trauma Association Fracture Management and Orthopaedic Emergencies Course. “Distal Radius Fracture: Options and Outcomes,” “Approach to the Radial Head Fracture,” at the Hotel Del Coronado, Coronado Island, San Diego, California, January 16 – 18, 2004
82. **Abrams RA**, Faculty for the Current Options in the Treatment of Wrist Fractures Course. “Volar Radial Exposure of the Radial Column and Volar Surface” Lecture / Videotaped Surgical Demonstration at the American Academy of Orthopaedic Surgeons Orthopaedic Learning Center in Rosemont, Illinois, May 14-15, 2004
83. **Abrams RA**, Faculty for the California Orthopaedic Association Distal Radius Symposium in Monterey, California, May 22, 2004

CURRICULUM VITAE FOR REID ALLEN ABRAMS, M.D.

84. **Abrams RA**, Presenter at ASSH Annual Meeting: Analysis of Radial Head Replacement as a Secondary Stabilizer: The Effect on Elbow Stability, New York 2004
85. **Abrams RA**, Leader of Instructional Course on Tendon Transfers for the American Association for Hand Surgery, January 12 – 15, 2005, in Fajardo, Puerto Rico
86. **Abrams RA**, Invited lecturer at the 23rd Annual Malcolm B. Coutts Western Orthopaedic San Diego Visiting Professorship, February 3, 2006, at the Hyatt Regency Islandia
87. **Abrams RA**, Invited speaker at the UCSD HR-Employee Rehabilitation Program and Community Advocates for Disability Rights and Education, (CADRE) Health and Wellness Monthly Lecture Series, March 13, 2006, UCSD Price Center
88. **Abrams RA**, Keynote speaker at the Annual Hong Kong Surgery of the Hand 2006 Congress, TMC Healthcare (London) Ltd, and TriMed, Inc. Scientific Program: Plenary Lecture I: “Principles of Tendon Transfers,” Plenary Lecture II: “Surgical Pearls in Specific Nerve Palsy Reconstruction,” Symposium III: “Treatment Strategy of Distal Radius Fracture,” TriMed, Inc Course Instructor. Lectures: “New Concepts in the Treatment of Distal Radius Fractures,” and “Ulnar Osteotomy: Indications and Technique.” Lab Workshop Leader: “TriMed Wrist Internal Fixation System” and “TriMed Ulnar Osteotomy Compression Plate.” March 23 – 26, 2006 in Hong Kong
89. **Abrams RA**, Invited course instructor at the American Academy of Orthopaedic Surgeons’ Current Options in the Treatment of Wrist Fractures Course. “Volar Exposure to the Distal Radius,” AAOS Orthopaedic Learning Center. May 19 – 20, 2006 in Rosemont, IL
90. **Abrams RA**, speaker at the UCSD Department of Orthopaedic Surgery CME Grand Rounds Hand Conference, “Radial Head Fractures.” Scripps Mercy West Auditorium. June 2006
91. **Abrams RA**, Invited as Visiting Professor at UCI Grand Rounds – “Principles of Tendon Transfers” and “Basic Transfers for Upper Extremity Nerve Palsies.” August 2006
92. **Abrams RA**, Member of the Program Committee and Moderator at the Scientific Sessions of the 61st Annual Meeting of the American Society for Surgery of the Hand, Washington, DC. September 2006
93. **Abrams RA**, Invited speaker at the OASIS, “Carpal Tunnel Syndrome and More!” San Diego. October 2006
94. **Abrams RA**, speaker at the UCSD Department of Orthopaedic Surgery CME Grand Rounds Hand Conference, “Principles and Basic Tendon Transfers for Common Peripheral Nerve Palsies.” Scripps Mercy West Auditorium. April 2007
95. **Abrams RA**, Invited speaker at the OASIS, “Carpal Tunnel Syndrome and More!” San Diego. August 2007

CURRICULUM VITAE FOR REID ALLEN ABRAMS, M.D.

96. **Abrams RA**, speaker at the UCSD Department of Orthopaedic Surgery CME Grand Rounds Hand Conference, “Quadrigia & Paradoxical Extension, Finger Tip Injuries, Common Upper Extremity Tendon Transfers.” Hillcrest Auditorium, September 2007
97. **Abrams RA**, “Principles of the Tendon Transfers,” Speaker at the Little Orthopaedic Club at the Manteo Resort in Kelowna, British Columbia, September 5-7, 2007
98. Bae WC, Masuda K, Chen AC, Schumacher BL, Meunier MJ, **Abrams RA**, Firestein GS, Bydder GM, Bugbee WD, Sah RL, “Treatment of Osteoarthritis: Fabrication of Synovial Joints” poster presentation at the Segal North American Osteoarthritis Foundation Conference Workshop, Chicago, Illinois September 2007
99. **Abrams, RA**, Invited speaker at the 2007 Life Movement Technology Current Concepts in Upper Limb Surgery, “Management of Recurrent Carpal Tunnel Syndrome,” “Muscle physiology and biomechanics pertaining to tendon transfers,” “Radial Head Fractures: The Tip of the Iceberg.” The Westin Denarau Island Resort & Spa, Nadi, Fiji, October 2007
100. **Abrams RA**, “Functional Anatomy of the Hand.” Human Anatomy course lecture & Seminar UCSD School of Medicine Anatomy Department. November 2007
101. **Abrams RA**, Invited Lecturer at San Diego State University "Topics in Medicine," December 2007.
102. **Abrams RA**, Chaired San Diego Doctor’s Demystify the Elbow Seminar for Certified Hand Therapists, OTs & PTs, lectures: “Anatomy” and “Total Elbow Replacement” UCSD, April 2008.
103. **Abrams RA**, Invited as Visiting professor at Roosevelt/St. Lukes CV Starr Hand Surgery program in New York April 28-29, 2008.
104. **Abrams RA**, Invited speaker at UCSD Accommodation Counseling and Consulting Services Health and Wellness Lecture Series (Community Outreach) “The Hand Surgeon’s Perspective: Carpal Tunnel Syndrome” August 2008
105. **Abrams RA**, Invited speaker at The UCSD Department of Plastic Surgery, “Tendon Transfers: Basic Principles and Transfers,” November 2008