

CURRICULUM VITAE

Sudhakar G. Madanagopal, M.D.

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Home Address: 2333 B Gallatin Street SW
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Personal: Date of birth: 07/30/1968

Academic Appointment:

08/15/2009-6/30/2015 Associate Professor
Director, Orthopaedic Trauma and Adult Reconstruction
Department of Orthopaedic Surgery
University of South Alabama College of Medicine
Mobile, AL

08/01/03-08/15/2009 Assistant Professor
Director, Orthopaedic Trauma and Adult Reconstruction
Department of Orthopaedic Surgery
University of South Alabama College of Medicine
Mobile, AL

08/23/04-6/30/2015 Joint Assistant Professor of Physician Assistant Studies
University of South Alabama College of Medicine

11/25/02-08/01/03 Clinic Instructor/ Part Time
University of South Alabama College of Medicine
Department of Orthopaedic Surgery, Mobile, AL

Education:**Fellowship:**

- 08/2002-07/2009 Orthopaedic Sports Medicine Fellowship
Albert W. Pearsall, IV., M.D. (Director)
University of South Alabama College of Medicine
Mobile, AL 36617
- 08/2001-07/2002 Orthopaedic Trauma Fellowship
David Seligson, M.D. (Director)
University of Louisville Hospital
University of Louisville
Louisville, KY
- 07/2000-08/2001 Adult Reconstructive Surgery
Kenneth A. Krackow, M.D. (Director)
Buffalo General Hospital
Buffalo, NY

Residency:

- 07/1999-06/2000 Residency-Preliminary Surgery
Yale New Haven Hospital
New Haven, CT
- 07/1992-07/1995 Residency-Master of Surgery in Orthopaedics
Seth G. S. Medical College – University of Bombay
Bombay, India
- 07/1991-07/1992 Residency-Orthopaedic Surgery
Calicut Medical College – University of Calicut
Calicut, India

Medical School:

- 1985-1991 Kilpauk Medical College – University of Madras
Madras, India

Board Certification:

ABOS: Certified in 2014 and currently participating in MOC

Licensure:

Medical License – State of Alabama – No. 00024904

Permanent License holder of unrestricted practice in Medicine and Surgery, India.

Institutional Committees:

2006-present	Huntsville Hospital Committee for Quality Control
2003-2004	USA Medical Center Hospital Burn/Trauma Committee
01/11/2005	University of South Alabama Graduate Faculty Thesis Committee Sreenivasula Kolakanura: Master of Science in Mechanical Engineering
2005-2006	University of South Alabama College of Medicine Curriculum Committee
2005-2008	University of South Alabama College of Medicine Student Research Committee
2007-2009	USA Medical Center Hospital Burn/Trauma Committee
2015-	USA Medical Center Hospital Burn/Trauma Committee

Honors and Awards:

01/01/04-12/31/04	The Mitchell Medical Scholars Program Award University of South Alabama College of Medicine
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Publications:

Pearsall, AW; Madanagopal, SG; Agrawal, K. "Comparison of Pain Pump versus injectable Medication for Analgesic in Knee Arthroscopy: A Randomized Double Blind Controlled Study." Open Journal of Orthopedics, 2012 (2) 73-79; Published online September 2012 (<http://www.SciRP.org/journal/ojo>).

Pearsall, Aw; Madanagopal, SG; Tucker, JA: "The Evaluation of Refrigerated and Frozen Osteochondral Allografts in the Knee." *Surgical Science*, July, 2011: 232-241

Pearsall, AW; Madanagopal, SG; Jacob, Jesu: " Modified Technique for Unipolar Allograft Ankle Replacement: Mid-Term Follow Up. A Case Report." *The American Journal of Orthopedics*. AM J Orthop. 2011; 40 (4): E67-E70.

Pearsall, AW; Madanagopal, SG; Tucker, J. Allan: "Title: Paper 101: Clinical and Microscopic Evaluation of Large Implanted Refrigerated and Frozen Osteochondral Allografts in the Knee." *J Bone Joint Surg*. (Br). 92(B). March 2010:21-22.

Madanagopal, SG; Kovalski, JE; Pearsall, AW: Surgery of Short-Term Oral Corticosteroid Administration by Orthopedic Physicians in College and High School Athletes. *Journal of Sports Science and Medicine*. 8. March, 2009. 37-44.

Pearsall, AW; Ibrahim, KA; Madanagopal, SG: "The Results of Arthroscopic versus Mini-Open Repair for Rotator Cuff Tears at Mid-Term Follow –up". *The Journal of Orthopaedic Surgery and Research*. 2007. Dec 1: 2:24.

Machiraju, C; Pearsall, AW; Madanagopal, SG: Viscoelastic studies of human subscapularis tendon: Relaxation test and a Wiechart model. *Comput Methods Programs Biomed*. 2006 (July); 83; (1): 29-33.

Pearsall, AW; Madanagopal, SG; Hughey, JT: Osteoarticular autograft and allograft transplantation of the knee: 3 year follow up. *Orthopedics*. 2008 Jan 31 (1): 73.

Pearsall, AW; Madanagopal, SG; Karas, S: Transfer of the Latissimus Dorsi as a salvage procedure for failed debridement and attempted repair of massive rotator cuff tears. *Orthopedics*. 2007. NOve. 30 (11): 943-949.

Pearsall, AW; Kovalski, JE; Madanagopal, SG: Medicolegal issues affecting Sports Medicine practitioners. *Clin Orthop* 433:50-57, 2005.

Machiraju, C; V. Phan, A; Pearsall, AW; Hollis, JM; Madanagopal, SG: Viscoelastic finite element analysis of human patellar tendon. *American Society of Mechanical Engineers Southeastern Region XI Technical Journal* 3 (1). April. 2004.

Seligson, D; Madanagopal, SG; Roberts, C: The antibiotic cement nail for infection after tibial nailing. *Orthopedics* 27 (7); 709-12, 2004.

Pearsall, AW; Portman, RM; Kovalski, JE; Madanagopal, SG: The team physician and legal aspects of informed consent. *Sports Medicine Update. Newsletter of the American Orthopedic Society for Sports Medicine*. March-April, pp 4-7, 2004.

Krackow, KC; Madanagopal, SG: Management of ligament loss in primary total knee arthroplasty. Chapter in : Lotke, PA, Lonner, JH (eds) *Master Techniques in Orthopaedic Surgery: Knee Arthroplasty 2nd Edition*. Lippincott-Williams-Wilkins, Philadelphia, PA, pp. 167-193, 2003.

Rauh, MA; Bayers-Thering, M; Madanagopal, SG; Krackow, KA: A radiographic study of the detection limits of bone cement remnants in total joint arthroplasty. *Journal of Arthroplasty* 17 (8): 992-6 (Dec) 2002.

Salmon, ML; Madanagopal, SG; Blando, R; Berner, J; Williams, K: Effects of Hexachlorobenzene on embryonic mammalian cells. *Toxicology in Vitro* 16 (5): 539-548 (Oct) 2002.

Madanagopal, SG; Mohan Kumar, M; Srivastav, SK; Desai, MI; Laheri, VJ: Peripheral neuroectodermal tumor (Askin tumor) – A Case Report. *Bombay Hospital Journal* 38 (2): 396-398, 1996.

Mohan Kumar, M; Madanagopal, SG; Swarup, S; Katre, RN: Correction of rigid CTEV: Conventional methods vs. gradual mechanical distraction. *Bombay Hospital Journal* 38 (1): 111-115, 1996.

Madanagopal, SG; Mohan Kumar, M; Shah, DD; Pathak, HH: A study of the role of osteotomy in unstable intertrochanteric fractures. *Journal of Postgraduate Medicine* 42 (1): 4-6 (Jan-Mar) 1996.

Abstracts:

Pearsall, AW; Madanagopal, SG; Tucker, J. Allan: " Title: Paper 101: Clinical and Microscopic Evaluation of Large Implanted Refrigerated and Frozen Osteochondral Allografts in the Knee." *J Bone Joint Surg. (Br)*. 92 (B). March, 2010: 21-22.

Smith, JD; Madanagopal, SG; Pearsall, AW; Kolakanuru, S: A Biomechanical Evaluation of Internal Fixation of Complex Tibial Plateau Fractures. Mid-America Orthopaedic Association 26th Annual Meeting. Break-Out Session #2, Paper #24. Champions Gate, Florida. April 16-20, 2008.

Pearsall, AW; Madanagopal, SG; Kovalski, JT: "Physician Reported Prescription Practices and Complications with Short-Term Oral Corticosteroid Use in Competitive Athletes". AANA 26th Annual Meeting, San Francisco, CA. April 26-29, 2007.

Pearsall, AW; Madanagopal, SG; Kovaleski, JT; Hughey, BS: "Osteoarticular Autograft and Allograft Transplantation of the Knee: Three Year Follow-Up Evaluation". AOSSM Annual Meeting, Quebec City, Canada. June 24-27, 2004.

Pearsall, AW; Madanagopal, SG; Heitman, RJ; Hughey, JT: "Salvage Treatment of Massive Non-Structural Osteochondral Lesion of the Knee: The Use of Allograft MegaOATS versus Mosaicplasty". ACL Study Ground. Sardinia, Italy. May 29-June 4, 2004.

Howard, C; Hughey, J; Madanagopal, SG; Pearsall, AW: "Patella Femoral OATS with Fulkerson Osteotomy for Patellofemoral Arthritis". 53rd Annual Meeting of the Alabama Orthopaedic Society. Orange Beach, AL. May 1, 2004.

Edmiston, T; Rodriguez, R; Madanagopal, SG; Pearsall, AW: "Posterior Tibial Tendon Rupture in a Closed Ankle Fracture: A Case Report". 53rd Annual Meeting of the Alabama Orthopaedic Society. Orange Beach, AL. April 30, 2004.

Madanagopal, SG; Pearsall, AW; Kovaleski, JE; Heitman, RJ: "Short-Term Use of Oral Corticosteroids in Athletes: Efficacy and Complications." 22nd Annual Meeting of the Mid-America Orthopaedic Association. La Quinta, CA. April 15, 2004.

Pearsall, AW; Madanagopal, SG; Kovaleski, JE; Hughey, J: "Osteoarticular Autograft and Allograft Transplantation of the Knee: Three year Follow-Up Evaluation". 22nd Annual Meeting of the Mid-America Orthopaedic Association. La Quinta, CA. April 15, 2004.

Pearsall, AW; Loup, CL; Madanagopal, SG: "Scapular Winging Secondary to Serratus Anterior Dysfunction: A Case Report and Literature Review. 52nd Meeting of the Alabama Orthopaedic Society Book of Abstracts. 2003:38.

Meyer, FN; Pearsall, AW; Madanagopal, SG; Patterson, JJ: "Superior dislocation of the Patella: A Case Report and Review of the Literature". 52nd Meeting of the Alabama Society Book of Abstracts. 2003-38.

Presentations at National and International Meetings:

Pearsall, AW; Madanagopal, SG: "Clinical and Microscopic Evaluation of Large Implanted Refrigerated and Frozen Osteochondral Allografts in the Knee." The Combines Meeting of the American Orthopaedic Association and Canadian Orthopaedic Association. Podium presentation. Quebec, Canada. June 4-7, 2008.

Randall, J; Smith, JD; Madanagopal, SG; Pearsall, AW: "Biochemical Fixation of Tibial Plateau Fractures." Seventh Joint Meeting of the Alabama and Mississippi Orthopaedic Societies. Destin, FL. May 1-4, 2008.

Wilson, GL; Madanagopal, SG: "Traumatic Asymmetric Hip Dislocations: A Case Report". Seventh Joint Meeting of the Alabama and Mississippi Orthopaedic Societies. Destin, FL. May 1-4, 2008.

Smith, JD; Madanagopal, SG; Pearsall, AW; Kolakanuru, S: " A Biomechanical Evaluation of Internal Fixation of Complex Tibial Plateau Fractures." Mid-America Orthopaedic Association 26th Annual Meeting. Break-Out Session #2, Paper #24. Champion Gate, FL. April 16-20, 2008.

Pearsall, AW; Madanagopal, SG, Tucker, JA: "Clinical and Microscopic Evaluation of Implanted Refrigerated and Frozen Osteochondral Allografts." (SS-46). Arthroscopy Association of North America, 26th Annual Meeting. San Francisco, CA. April 28, 2007.

Pearsall, AW; Madanagopal, SG; Karas, SG: "Latissimus Dorsi transfer as salvage for failed debridement and repair of massive rotator cuff tears." Podium presentation. Mid-America Orthopaedic Association Annual Meeting. San Antonio, TX. April 19-23, 2006.

Pearsall, AW; Madanagopal, SG; Ibrahim, KH: "Strain and force changes within the rotator cuff after a simulated tear using a dynamic model." Podium presentation. Mid-America Orthopaedic Association Annual Meeting. San Antonio, TX. April 19-23, 2006.

Video. Karas, SG; Labib, SA; Pearsall, AW; Madanagopal, SG: "Latissimus Dorsi Transfer for the Management of Irreparable Rotator Cuff Tears. AAOS Annual Meeting, Chicago, IL. Video and Multi-Media Program Presentation. March 8-12, 2006.

Pearsall, AW; Madanagopal, SG, Tucker, JA: "Clinical and Microscopic Evidence of Refrigerated and Frozen Allografts: Correlation with Shelf Life and Harvest Time." International Cartilage Repair Society. San Diego, CA. January 8-11, 2006. Poster Presentation.

Madanagopal, SG: " Calcaneal Fractures." Podium Presenter. Southeastern Orthopaedic Foot Club Meeting. Point Clear, AL. May 5, 2005.

Pearsall, AW; Madanagopal, SG, Kovalski, J; Hughey, J: Osteoarticular autograft and allograft transplantation of the knee. Three year follow up evaluation. Paper presented at the 5th Biennial ISAKOS Congress. Hollywood, FL. April 3-7, 2005.

Pearsall, AW; Madanagopal, SG; Hughey, J: Salvage Treatment of massive non-structural osteochondral lesions of the knee. Paper presented at the American Academy of Orthopaedic Surgeons Annual Meeting. Washington, DC. February 24, 2005.

Pearsall, AW; Madanagopal, SG; Hughey, J: Osteoarticular autograft and allograft transplantation of the knee: Three Year Follow-Up. Paper presented at the American Academy of Orthopaedic Surgeons Annual Meeting. Washington, DC. February 24, 2005.

