

**ANIMESH AGARWAL, M.D.**

**CURRICULUM VITAE AND RATES**

**EDUCATION**

MD	UTHSCSA Medical School San Antonio, TX	1992
BS	Johns Hopkins University G.W.C. Whiting School of Engineering Baltimore, MD	1988

**POST GRADUATE SPECIALIZED TRAINING**

Fellow, Orthopaedic Trauma Grand Medical Center Columbus, OH	1997-1998
Resident, Orthopaedic Surgery University Hospital UTHSCSA Department of Orthopaedics San Antonio, TX	1993-1997
Intern, Surgical Rotating University Hospital UTHSCSA Department of Orthopaedics San Antonio, TX	1992-1993

**PROFESSIONAL EXPERIENCE**

Consultant, Independent Subcontractor Biodynamic Research Corporation San Antonio, Texas	2014-Present
Clinic Director UHS Adult Trauma Clinic	2014-2019
Division Chief Division of Orthopaedic Trauma	2002-2012; 2014-2019
Director of Orthopaedic Trauma University Hospital	2000-2012; 2014-2019

Team Physician 1998-1999  
UTSA Sports

### **APPOINTMENTS**

Professor of Biomedical Engineering 2011-Present  
University of Texas at San Antonio  
Department of Biomedical Engineering  
San Antonio, TX

Professor of Orthopaedic Surgery with Tenure 2010-Present  
UTHSCSA, Department of Orthopaedics  
San Antonio, TX

Medical Staff 1999-Present  
SA Methodist Hospital System  
San Antonio, TX

Research Faculty 1998-Present  
Musculoskeletal Bioengineering Center  
UTHSCSA  
San Antonio, TX

Division Head and Chief 2014-2019  
Division of Orthopaedic Trauma  
UTHSCSA, Department of Orthopaedics  
San Antonio, TX

Associate Professor of Biomedical Engineering 2003-2011  
University of Texas at San Antonio  
Department of Biomedical Engineering  
San Antonio, TX

Division Head and Chief 2002-2012  
Division of Orthopaedic Trauma  
UTHSCSA, Department of Orthopaedics  
San Antonio, TX

Associate Professor of Orthopaedic Surgery with Tenure 2002-2010  
UTHSCSA, Department of Orthopaedics  
San Antonio, TX

Assistant Professor 1998-2002  
UTHSCSA, Department of Orthopaedics  
San Antonio, TX

Assistant Instructor UTHSCSA, Department of Orthopaedics San Antonio, TX	1997-1998
Medical Staff Kindred Hospital (Vencor) San Antonio, TX	2000-2002
Medical Staff Santa Rosa Health System San Antonio, TX	1999-2005
Medical Staff Baptist Health Care System San Antonio, TX	1999-2017
Director of Orthopaedic Trauma University Hospital San Antonio, TX	1998-2012
Medical Director of the UHS Trauma Clinic University Hospital San Antonio, TX	1998-2012
Attending Physician Audie Murphy VA Hospital San Antonio, TX	1998-2001

**PEER-REVIEW APPOINTMENTS**

Associate Editor Journal of Orthopaedic Trauma Reviewer	2008-Present
Journal Reviewer Journal of Orthopaedic Trauma Reviewer	2005-Present
Journal Reviewer Journal of Trauma Reviewer	2004-Present
Journal Reviewer Journal of Bone and Joint Surgery Reviewer	2001-Present

## **PROFESSIONAL REGISTRATIONS**

ABOS Certification	2000
American Board of Orthopaedic Surgery ABOS Re-Certification	2010
American Board of Orthopaedic Surgery ABOS Re-Certification	2020
American Board of Orthopaedic Surgery Medical Licensures: Ohio	1997
Texas	1993

## **PROFESSIONAL AFFILIATIONS**

The Limb Lengthening and Reconstruction Society	2006-Present
American Orthopaedic Association	2006-Present
Clinical Orthopaedic Society	2006-Present
AO Trauma	2001-Present
Texas Orthopaedic Association	2001-Present
Orthopaedic Trauma Association	2000-Present
Western Orthopaedic Association	1999-Present
Mid-America Orthopaedic Association	1999-Present
AO/ASIF Alumni Association	1999-Present
Orthopaedic Research Society	1999-Present
AO North America	1998-Present
Fellow American Academy of Orthopaedic Surgeons	1998-Present
Alamo Orthopaedic Society	1997-Present
Biomedical Engineering Society	1996-Present
Texas Medical Association	1993-Present
Bexar County Medical Society	1993-Present

University of Texas Medical School Alumni Association	1992-Present
Johns Hopkins University Alumni Association	1988-Present

### **SELECTED HONORS AND AWARDS**

America's Top Doctors 2009-2019 (Castle Connolly Medical Ltd.)	12/2019
Best Doctors in America 2009-2019	11/2019
San Antonio's Best Doctors 2009-2019	11/2019
Howard Rosen Best Table Instructor Award	01/2013
US News & World Report Best Doctors 2012	07/2012
American Academy of Orthopaedic Surgeons Achievement Award	07/2010
1st Place Winner - Roy Davis Paper Competition	05/1997
Alonzo J. Neufeld Award: Western Orthopaedic Association	04/1997

### **RESEARCH**

**Biomechanics of Cartilage and Bone** - Studying the biomechanics of cartilage and bone.

**Bone Graft/Filler Substitutes** - The effectiveness of various bone graft substitutes and fillers in fracture healing.

**Deformity Correction** - Special interest in the treatment of deformities whether it be malunions or nonunions.

**Diabetes and Effects on Musculoskeletal System** - Studying the effects of DM on the musculoskeletal system in relation to cartilage development and fracture healing.

**Fracture Healing** - Research on ways to enhance fracture healing as well as reasons for nonunions.

**Knee Dislocations** - Biomechanics of knee dislocations and cruciate injuries.

**Malunions and Deformity Analysis** - Specialize in the evaluation and management of malunions with large referral practice.

**Nonunions** - Specialize in the evaluation and management of nonunions with large referral practice.

**Outcomes in Orthopaedic Trauma Care** - Evaluation of outcomes after surgical and non-surgical treatment of fractures with outcome measures.

**Pelvic and Acetabular Fractures** - Fellowship trained in the treatment of pelvic and acetabular fractures.

**Periarticular Fractures** - Fellowship trained in treatment of complex periarticular fractures; utilization of minimally invasive techniques.

**Retrograde Femoral Nailing** - Interest in the technique, biomechanical considerations, and clinical outcomes of retrograde nailing for the treatment of femoral shaft fractures.

**Wound VAC Applications** - The utilization of the wound VAC in soft tissue injuries associated with orthopaedic trauma.

## **SELECT PUBLICATIONS**

### **Peer Reviewed Book Chapters**

Kuhn K, Agarwal A. Femoral Fractures In: Lisa K. Cannada, MD Editor. Orthopaedic Knowledge Update 11. Chicago, IL: American Academy of Orthopaedic Surgeons; 2014.

Agarwal A. Open Reduction and Internal Fixation of the Distal Femur In: Sam W. Wiesel, Editor-In-Chief; Paul Tornetta III, Section Editor. Operative Techniques in Orthopaedic Surgery. Philadelphia, PA: Wolters Kluwer/ Lippincott Williams and Wilkins; 2011.

Routt, ML, Agarwal, A. Acetabular Fractures: Definitive Treatment and Expected Outcomes In: Schmidt, A and Teague, D: Editors. Orthopaedic Knowledge Update 4: Trauma. Chicago, IL: American Academy of Orthopaedic Surgeons; 2010.

Toursarkissian, B, Agarwal, A. Pelvic and Lower Extremity Injuries In: Richard S. Irwin and James M. Rippe (Editors) Stephen Cohn (Section Editor). Irwin and Rippe's Textbook of Intensive Care Medicine 6th Edition. Wolters Kluwer/ Lippincott Williams and Wilkins; 2008.

### **Dissertation/Thesis**

Agarwal A. Synovial Pathology: Benign and Malignant Tumors of the Synovium 1994.

### **Peer Reviewed Papers/Proceedings**

Somerson J, Rowley D, Kennedy C, Buttacavoli F, Agarwal A. Electromagnetic Navigation Reduces Surgical Time And Radiation Exposure For Proximal Interlocking In Retrograde Femoral Nailing Journal of Orthopaedic Trauma 2014 Jul;28(7):417-421.

Agarwal A. Radiation Risk in Orthopedic Surgery: Ways to Protect Yourself and the Patient Operative Techniques in Sports Medicine 2011 Dec:1-4.

Ostrum, RF, Agarwal, A, Lakatos, RP, Poka, A. Prospective Comparison of Retrograde and Antegrade Femoral Intramedullary Nailing Journal of Orthopaedic Trauma 2000;14(7):496-501.

Schenck, Jr., RC, Kovach, IS, Agarwal, A, Brummett, R, Ward, R, Lanctot, D, Athanasiou, KA. Cruciate Injury Patterns In Knee Hyperextension: A Cadaveric Model. Arthroscopy 1999;15(5):489-495.

Wirth MA, Jensen KL, Agarwal A, Curtis RJ, Rockwood Jr. CA. Fracture dislocation of the proximal part of the humerus with retroperitoneal displacement of the humeral head. Journal of Bone and Joint Surgery 1997; 79A(5):763-766.

Athanasiou, KA, Agarwal A, Muffoletto, A, Dzida, FJ, Constantinides, G, Clem, M. Biomechanical Properties of Hip Cartilage in Experimental Animal Models. Clinical Orthopaedics and Related Research 1995; 316:254-266.

Athanasiou, KA, Agarwal A, Dzida, FJ. Comparative Study of the Intrinsic Mechanical Properties of the Human Acetabular and Femoral Head Cartilage. Journal of Orthopaedic Research 1994; 12(3):340-349.

Agarwal A. Jones' Fracture. Texas Medicine 1993;89(6):60-61.

### **SCIENTIFIC PRESENTATIONS (AVAILABLE UPON REQUEST)**

<b>Independent Contractor Fee Schedule</b>		
<b>Contractor - Dr. Agarwal</b>		
<b>Charged to Client</b>		<b>Paid to Independent Contractor</b>
<b>Contractor Hourly Base Rate - non-testifying events</b>	<b>\$820</b>	<b>Billing rate x contractual %</b>
<b>Deposition or trial prep rate - Hourly Base Rate</b>	<b>\$820</b>	<b>Billing rate x contractual %</b>
<b>Out of town travel - Hourly Base Rate</b>	<b>\$820</b>	<b>Billing rate x contractual %</b>
<b>Testifying Events</b>		
<b>Deposition Testimony 2x Hourly Base Rate Minimum 4 hours</b>	<b>\$1,640/hr. \$6,560 total</b>	<b>Billing rate x contractual % If cancellation, IC is paid applicable percentage of any funds not refunded</b>
<b>Court Testimony 2x Hourly Base Rate Minimum 4 Hours</b>	<b>\$1,640/hr. \$6,560 total</b>	<b>Billing rate x contractual % If cancellation, IC is paid applicable percentage of any funds not refunded</b>
<b>Testimony events require 4-hour prepayment 14 days prior to event to hold date.</b>		
<b>Cancellations: 10 days prior to event - full refund of prepayment 7 days prior to event - 2-hour refund of prepayment Less than 7 days - prepayment is 100% nonrefundable</b>		