

Full Curriculum Vitae (4-5-22)

Anand Prasad, MD, FACC, FSCAI, RPVI

Professor of Medicine (Tenure Track)
Assistant (to the Chief) Director of UT Cardiology Clinical Operations
Director Cardiac Catheterization Laboratory University Health System
Director Interventional Cardiology Fellowship Program
Freeman Heart Association Endowed Professor in Cardiovascular Disease
University of Texas Health Science Center at San Antonio



Home Address:

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Place (Country) of Birth:

Washington, D.C. (United States of America)

Marital status:

Married to Komal Bhandari, PharmD

Medical Education/ACGME training:

Accelerated MD program (6 year): 1994-2000
University of New Orleans and
LSU School of Medicine in New Orleans

Internship: 2000-2001
University of Texas Southwestern in Dallas
Internal Medicine (Parkland Hospital)

Residency: 2001-2003
University of Texas Southwestern in Dallas,
Internal Medicine (Parkland Hospital)

Research Fellow: 2003-2004
UTSW Cardiology/Texas Health Presbyterian
Hospital - Institute for Exercise and
Environmental Medicine

Clinical Cardiology Fellowship: 2004-2007
University of Texas Southwestern in Dallas
(Parkland Hospital)

Interventional Cardiology Fellowship: 2007-2008
University of California, San Diego

Peripheral Endovascular Fellowship: 2008-2009
University of California, San Diego

Employment/Positions:

Attending Cardiology Privileges UCSD Hillcrest and Thornton Hospitals, University of California, San Diego	2008-2012
Attending Cardiology Privileges San Diego Veterans Administration Hospital, San Diego, California	2008-2012
Wound care and hyperbaric medicine privileges at El Centro Regional Medical Center, El Centro, California	2009-2012
Assistant Clinical Professor of Medicine Step III, University of California, San Diego	2009-2010
Assistant Clinical Professor of Medicine Step IV, University of California, San Diego	2010-2012
Adjunct Appointment University of California San Diego	2012-2013
Assistant Clinical Professor of Medicine, University of Texas Health Science Center at San Antonio	2012-2014
Associate Director Cardiovascular Disease Fellowship Program, UT Health Science Center at San Antonio	2012-2016
Assistant Professor of Medicine (tenure track), University of Texas Health Science Center at San Antonio	2014 - 2015
Freeman Heart Association Endowed Professor in Cardiovascular Disease	2015 - Present
Associate Professor of Medicine (tenure track)	2015 - Present
Director Cardiovascular Disease Fellowship Program	2016 - 2017
Director Cardiac Catheterization Laboratory University Health System	2018 - Present
Assistant (to the Chief) Director of UT Health San Antonio Cardiology Clinical Operations	2018 - Present
Director Interventional Cardiology Fellowship Program	3/2019 -Present
Professor of Medicine (Tenure Track)	9/2020- Present

Medical Licenses:

- Texas State Medical License 2003-present
- California Medical License 2007-2015

Board Certifications:

- Internal Medicine (ABIM) 2003-2013
- ABIM Cardiovascular diseases 2008-2029
- ABIM Interventional Cardiology 2009-2029
- Registered Physician in Vascular Interpretation (RPVI) 2015-present
- American Board of Vascular Medicine (ABVM) 2016-present
- Endovascular Medicine (ABVM) 2016-present

Clinical Skills:

- Interventional Cardiology:
 - Complex PCI
 - Impella LVAD therapy
 - Aortic balloon valvuloplasty and Transcatheter Aortic Valve Replacement (TAVR)
 - ECMO cannulation
 - Pulmonary embolism treatment
- Endovascular Therapy
 - Limb Salvage
 - Peripheral CTO revascularization
 - Retrograde Pedal Approach
 - Carotid stenting
 - Peripheral Atherectomy
 - Venous Ablation Therapy
- Vascular Medicine
 - Vascular ultrasound interpretation and Clinical evaluation of patients with vascular disease
- Transthoracic Echocardiography Level 2
 - Cardio Renal Metabolic Medicine: Management of primary and secondary prevention in patients with combined renal and/or diabetes with cardiovascular disease, initiation and management of diabetes and lipid lowering therapies

Formal Leadership Training:

- University of Massachusetts Amherst Isenberg School of Management, Masters in Business Administration, Matriculation, Anticipated completion 2023.
- American Association for Physician Leadership AAPL (Masters Business Administration Prerequisite Program) 2018-2020
- Executive Development Program for Leadership UT Health/UT San Antonio 2018 – 2019 completed.

Additional Clinical Training:

- Training and Education in Advanced Cardiovascular Hemodynamics (TEACH2) 2018
- Training and Education in Advanced Cardiovascular Hemodynamics (TEACH1) 2017
- Medtronic CoreValve Training, San Antonio, TX, 2017
- Edwards TAVR Training, Irvine, CA, 2016
- Medtronic Vein Ablation Training, Houston, TX, 2015
- Abbott Vascular Chronic Total Occlusion CTO Training, 2015
- Navix Vascular Ultrasound Training, Bronx, NY, 2014
- Wound Care and Hyperbaric Medicine: Training through National Healing Corporation Columbus, Ohio, 2009

Professional Memberships:

- Society of Vascular Medicine 2020 to present
- American Association of Physician Leadership 2018-present
- American Heart Association Member 2017-Present
- American Registry for Diagnostic Medical Sonography 2015-present
- American College of Cardiology Fellow 2009-present
- Society of Coronary Angiography and Intervention Fellow 2009-present
- Affiliate in Training American College of Cardiology 2004-2009
- American College of Sports Medicine 2003-2004
- American Medical Association 1996 - 2000
- Southern Medical Association 1996-1997

Awards:

- President's Award for Clinical Excellence, UT Health San Antonio, 2022 *Selected as the top clinician for University of Texas San Antonio by peers and leadership*
- SA Scene Best San Antonio's Doctors 2020, for Cardiology, as voted by peers
- Improving Defect Free Care Compliance to Meet National Cardiovascular Data Registry Discharge Performance Measures: Lessons from a County Based Academic Medical Center. (senior author) *American College of Cardiology Quality Summit 2019 first place award for poster*
- UT Health San Antonio, Department of Internal Medicine Research Mentor of the the Year Award 2017
- Distal Embolization During Endovascular Therapy for Lower Extremity Peripheral Arterial Disease: A Systematic Review and Meta-analysis. (senior author) *SCAI 2017, New Orleans, LA. Best of the best poster nominee*
- Iodinated contrast versus carbon dioxide based angiography for peripheral imaging: meta-analysis and systematic review, (senior author) *American College of Physicians - Texas, 1st place, 2016*
- Novel kidney injury biomarkers predict clinical response to renal artery stenting. (senior author) *SCAI 2016, Orlando, FL. Top 10, Best of the best nominee abstract*
- Incidence, Predictors, Management, and Prevention of Distal Embolization During Endovascular Therapy for Infringuinal Peripheral Arterial Disease. (senior author) *SCAI 2015, San Diego, CA. Top 10, Best of the best nominee abstract*
- Journal of the American College of Cardiology Elite Reviewer 2012
- Schulman Award (Best Research Paper) UCSD Cardiology 2009
- First Place in Clinical Research at the 5th annual UTSW

Cardiology Research Symposium 2005

- LSU Hull-Akenhead Cardiology Award 2000
- AFMR Student Research Award 1996
- LSU Medicine Department Research Day Award 1996

Teaching:

- 04/2018-Present UME UTHSCSA Cardiovascular Diseases Lectures
- 01/2017- Present Mentor UME Longitudinal Preceptorship Program
- 04/2017 UME UTHSCSA Cardiovascular Diseases Lectures
- 04/2016 UME UTHSCSA Cardiovascular Diseases Lectures
- 04/2016 UME UTHSCSA Cardiovascular Diseases Lectures
- 04/2016 UME UTHSCSA Clinical Skills Preceptor
- 03/2015 - 03/2015 CIRC5005 Clinical Skills Undergraduate Preceptor UTHSCSA
- 03/2015 - 03/2015 CIRC5011 Circulation Undergraduate Instructor UTHSCSA
- 03/2014 - 03/2014 MEDI4121 Intermediate Bedside Cardio Exam Undergraduate Preceptor
- 03/2013 - 03/2013 CIRC5005 Clinical Skills Undergraduate Preceptor
- Invasive and Interventional Cardiology training for fellows, UTHSCSA, 2012-present
- Invasive and Interventional Cardiology training for fellows, UCSD, 2008-2012
- Objective Structured Clinical Examinations (OSCE) instructor UCSD Medical School 2010
- Introduction to cardiac catheterization for first year fellows, UCSD, 2007
- Introduction to clinical medicine, UTSW, 2002-2003

Research Mentorship:

- Research Mentor for Justin Haloot, IM resident, 2020 – present, UT Health San Antonio
- Research Mentor for Hendre Jeannetta Fichardt, IM resident, 2020-present, UT Health San Antonio
- Research Mentor for Gail Fernandes, pre-med student at Notre Dame University, 2020 present
- Research Mentor for Ermias Sori, IM Resident 2018-present, UT Health San Antonio
- Research Mentor for Ivan Saul Ramirez, IM Resident 2018-2019, UT Health San Antonio
- Research Mentor for Omar Sheikh Ahmad, IM Resident 2019-present, UT Health San Antonio
- Research Mentor for Riya Shah, RN student, UTHSCSA, 2018 to 2019
- Research Mentor for Javier Amione-Guerra, IM Resident, UTHSCSA, 2017 to present
- Research Mentor for Dean Trey Kellogg, IM Resident, UTHSCSA, 2017 to 2019
- Research Mentor for Tuan Nguyen, IM Resident, UTHSCSA, 2017 to 2018
- Research Mentor for Pablo Fernando Michel Sanchez, IM Resident UTHSCSA, 2017 to present
- Research Mentor for Maria Limas, Medical Student at UT Houston, 2017 to 2018
- Research Mentor for Michael Balderas, Cardiology Fellow, 2016 to 2019
- Research mentor for John Ostrominski, Medical Student, UTHSCSA, 2017 to present
- Research mentor for Marlene Garcia, Cardiology Fellow, UTHSCSA, 2015 to 2020
- Research mentor for Debanshu Roy, IM Resident, Cardiology Fellow UTHSCSA, 2017 to present
- Research mentor for Benjamin Stephens, IM Resident UTHSCSA, 2017 to 2017
- Research mentor for Ruben Rodriguez, IM Resident, Cardiology Fellow, UTHSCSA, 2017 to present
- Research mentor for Mubeen Cheema, IM Resident UTHSCSA, 2016 to 2018
- Research mentor for Haley Hughston, IM Resident, Cardiology Fellow UTHSCSA, 2016 to 2017
- Research mentor for Aaron Sohn, Medical student UTHSCSA, 2015 to 2016
- Research mentor for Daniel Levin, IM Resident UTHSCSA, 2015 to 2017
- Research mentor for Aazib Khan, IM Resident, Cardiology Fellow UTHSCSA, 2015 to 2020
- Research mentor for Maria Isabel Esparza, IM Resident UTHSCSA 2014-2015
- Research mentor for David Spelber (MS3, UTHSCSA) 2014-2015
- Clinical and research mentor for Vani Sanon (MD, Cardiology Fellow, UTHSCSA) 2013-2016
- Clinical and research mentor for Salil Seth (MD, Cardiology Fellow, UTHSCSA) 2013-2016
- Clinical and research mentor for Oscar Rivera (MD, Cardiology Fellow, UTHSCSA) 2013-2015
- Research mentor for Carolina-Lopez Ortiz (MD, Internal Medicine Resident, UTHSCSA) 2013-2015
- Research Mentor for Chelsea Zambrano (high school student) 2012-2014
- Research Mentor for Travis Israel (undergraduate student), UCSD, 2010-2012
- Research Mentor for Trevor Cabrera (undergraduate student), UCSD, 2010-2012
- Research Mentor for Andrew Karnazes (undergraduate student), UCSD, 2010-2012
- Research Mentor for Daniel Nguyen (undergraduate student), UCSD, 2010-2012
- Research Mentor for Julia Stenseth (medical student, Sweden), UCSD, 2010-2012
- Research Mentor for Khusboo Kaushal (medical student), UCSD, 2009-2010
- Research mentor for Kelly Enright MS (medical student), UCSD, 2009-2012
- Research mentor for Manjusha Ilapakurthi MBBS (postdoc), UCSD, 2009-2012

Doctoral/Post-graduate Thesis Adviser/Mentor:

- 1) 2018-2019, SUNRISE research program mentor to: Research Mentor to Riya Shah, BS (Nursing Student UT Health San Antonio School of Nursing) (2018-present) SUNRISE research program.
- 2) 2017-2018, Masters Program Mentor (UT Houston School of Public Health) for Nelson Gonzalez, BS, currently PhD student at UT Houston School of Public Health. Thesis: "Subclinical Peripheral Arterial Disease is Highly Prevalent in Mexican Americans and is Associated with Decreased Walking Ability"
- 3) 2018-2019, Doctorate of Nursing Practice Mentor for Catherine Shah, RN, St. Mary's College, Notre Dame, IN. "Improving Patient Understanding and Retention of Coronary Artery Stent Cards Following Percutaneous Coronary Artery Interventions"
- 4) 2017-2019, NIH T32 Post-doctoral Mentor for Marlene Garcia, MD.
- 5) 2012-2014, PhD Thesis Committee (UTHSCSA) for Rozmin Jiwani, Ph.D., RN, currently Assistant Professor of Nursing at UT Health San Antonio. Thesis: "ILLNESS PERCEPTIONS, COPING BEHAVIORS, AND APPRAISAL OF SOUTH ASIAN IMMIGRANTS WITH CORONARY ARTERY DISEASE: A MIXED METHOD STUDY"

University and Hospital Service:

- **University Hospital Quality and Risk Management Committee Member, 2021 to present**
Review quality and risk concerns throughout the hospital system
- **University Hospital Resuscitation Committee Member, 2020 to present**
Provide cardiology and cath lab perspectives and input for system wide cardiac arrest and resuscitation management.
- **COVID-19 and Cardiology Planning**
Working with hospital leadership developed pathways for triage and care for patients with COVID-19 requiring invasive cardiac procedures. Developed health care worker protection strategies and personal protective equipment policies for the cardiac catheterization laboratory.
- **EPIC implementation Champion for University Hospital (UHS), Cardiology, 2019 to present**
Organized cardiology implementation of EPIC EMR for inpatient use at UHS. Identified physician champions and worked with UHS EPIC team.
- **University Hospital Heart Vascular Institute, CMT Committee Chair, 2019 to present**
Led the UHS HVI Collaborative Management Team for the ICU and Telemetry units. Multidisciplinary collaboration between administration, physicians, nurses, fellows/residents – spanning CT surgery, cardiology and transplant. Focus areas: monitoring CAUTIs and CLABSIs, nurse education, discharge by noon initiatives, cath lab/CCU and ED throughput. Organized use of PACU to observe post cath patients to decrease bed utilization.
- **UT Health San Antonio Institutional Faculty Compensation Committee, 2019 to present**
Provided input into the compensation structure for faculty at UT Health San Antonio
- **Designated Quality Reviewer University Health System Cardiology, 2018 to present**
Review of all electronic risk assessment forms (eRAFs), all reported major morbidity/mortality cases. Provided quality reviews on adverse events.
- **University Hospital, Door to Balloon Committee Chair, 2018 to present**
- *Collaborating with ED and cath lab physicians, nurses, techs to reduce door to balloon times, improve STEMI care quality. Reviewer of all STEMI cases. Representative of the hospital to the regional STEMI governance body: STRAC (South Texas Regional Advisory Council). Involved with organizing education for fellows and paramedics on STEMI care/ECG interpretation.*
- **Assistant (to the Chief) Director of Clinical Operations for UT Health Cardiology, 2018-present**
Oversight of inpatient and invasive cardiology services at University Hospital with direct reporting to the Chief of Cardiology and Chairman of Medicine. Implementation of process improvements, resolution of faculty conflicts, preparation of clinical and financial reports, interface with hospital Heart and Vascular Institute, development of outreach plans, provide direct input into recruitment of faculty.
- **UT Health San Antonio PASSPORT Judge 2018**
Judge for PASSPORT meeting for UT Health. This is an annual event which allows trainees to present quality improvement research
- **UT Health San Antonio, Trust in Sr. Leadership and Governance Workgroup Member, 5/2017-2018**
Selected by the UT President to work with school leadership to provide feedback on faculty morale and communication with administration.
- **University Health System, Research Review Committee, San Antonio, 2/2017-present**

All research projects are approved by UT, UT IRB, and also by the hospital research review committee. I vote on specific research protocols to ensure that they meet the goals, vision, and financial parameters for the hospital.

- **University of Texas Health Science Center Faculty Senate, Committee Chair for Academic Affairs, 2016 to 2018**
As a member of the faculty senate, I was elected to the Chair for Academic Affairs. In this role, I championed clarity on non-compete clauses, upward evaluation, and faculty retention tools. The upward evaluation eventually manifested into an annual survey which is now used campus wide.
- **University Health System, New Product Committee, San Antonio, 2016 to 2018**
Reviewer for new technology/products coming into the hospital system on the basis of clinical relevance and financial impact. Created proformas for cardiology products during this time.
- **University Health System, P&T CV sub-committee 2016 to present**
Served as a voting member on the cardiovascular P&T drug evaluation committee. During this time worked with hospital pharmacy and Division faculty to evaluate the clinical and financial relevance of new cardiovascular drugs.
- **UT Health San Antonio, Faculty Senate 8/2014 to 2019**
Elected to two terms in the Faculty Senate. Served as Chair for Academic Affairs.
- **UTHSCSA Cardiovascular Diseases Fellowship Clinical Competency Committee 2012 to 2016**
Evaluated fellow performance and the overall health of the CV fellowship program
- **UT Health Cardiology Outreach Committee Chair 2015 to present**
Helped develop outreach plans for UT Health Cardiology. Creation of “pod based” outreach plan. Worked closely with hospital marketing and outreach team.
- **UTHSCSA Cardiology Program Evaluation Committee Chair 2015 to 2017**
Evaluated cardiology fellowship program and compliance with ACGME requirements
- **UCSD STEMI Door to Balloon Committee 2010 to 2012**
Participated and provided feedback and input into D2B operations for UC San Diego.
- **UCSD Medical Student Recruitment and Admissions Committee 2010 to 2011**
Participated in interviews, and student grading for admission to medical school
- **UCSD Intern Selection Committee 2010 to 2011**
Participated in interviews, and student grading for internal medicine residency selection
- **UCSD Cardiology Fellowship Interview Committee 2009 to 2012**
Participated in interviews, and resident grading for cardiology fellowship selection

National and Regional Committees/Service:

- Co-Chair National Kidney Foundation and Society of Cardiovascular Angiography and Interventions (SCAI) Acute Kidney Injury Initiative, 2019 to present
- SCAI Publications Committee, 2019 to present
- Vice President, San Antonio Interventional Forum, 2018 to present
- Osprey Medical National Advisory Committee, 2018 to present
- ACC Interventional Section 2018 Writing Group Advocacy and Quality 2017-2018
- SCAI National Writing Committee Expert Consensus Statement For Device Selection In Femoral-Popliteal Arterial Interventions, 2017-2018
- American College of Cardiology Best Practice and Quality Improvement Subcommittee, 9/2016 to 2017
- Director Cardio Renal Connections 2016-present
- American College of Cardiology Peripheral Vascular Interventions Registry Steering Committee 2016 to present
- XLPAD National Steering Committee 2014 to present
- National Steering Committee: AVERT trial (Osprey Medical) 2015
- Associate Section Editor SCAI.org 2014 to present
- SCAI Carotid Committee Member 2013 to 2016
- SCAI Interventional Career Development Committee (ICDC) 2010 to 2013
- Ad hoc member San Diego County, Door to balloon committee 2010 to 2011

Invited Lectures/National Presentations/Invited Faculty:

- 1) ESRD and PAD: The Odd Couple, American College of Cardiology, 2022, Washington, DC
- 2) Complex coronary procedures and AKI, Seoul CTO course (virtual), 2022
- 3) Contrast induced acute kidney injury, SCAI Fall Fellows Course, December, 2021, Miami, FL

- 4) Transcatheter Therapeutics Abstract presenter, and invited faculty, session Chair: PCI in CKD, AKI risk reduction, TAVR complications, San Francisco, CA 2019
- 5) SCAI Invited Faculty Presenter: SFA calcium, VTE pregnancy, Reimbursement for endovascular procedures, Tibopedal access, Moderator: TAVR program, Complications, 2019, Las Vegas,
- 6) Invited Faculty Panelist and Moderator. American College of Cardiology Scientific Sessions, 2019, New Orleans, LA
- 7) GE Healthcare, National Presentation, Overview of acute kidney injury. 2018, Tampa, Florida
- 8) Acute kidney injury following coronary, peripheral and TAVR procedures, Fiesta Cardiology, 2018, San Antonio, TX
- 9) TiboPedal Access: Data, AMP, 2018, Chicago, IL
- 10) Renal Considerations in Transcatheter Aortic Valve Replacement, Cardio Renal Connections, 2018, San Antonio, TX
- 11) Acute Kidney Injury Following Therapy for Peripheral Arterial Disease, Cardio Renal Connections, 2018, San Antonio, TX
- 12) CABG vs PCI: Which is preferred in the CKD Patient?, Cardio Renal Connections, 2018, San Antonio, TX
- 13) Renal Considerations in Acute Myocardial Infarction and Shock, Cardio Renal Connections, 2018, San Antonio, TX
- 14) Vascular Disease and Amputations in CKD: Epidemiology and Pathophysiology, Cardio Renal Connections 2018, San Antonio TX
- 15) How to prevent contrast and radiation injury. SCAI Scientific Sessions, 2018, San Diego, CA
- 16) Medicines and exercise: Competative or Complementary to PVI. SCAI Scientific Sessions, 2018, San Diego, CA
- 17) ACC Scientific Sessions, Engage @ACC.18 Studio: Heart Teams in Action Complex Coronary Revascularization Decision-Making, 3/10/2018, Orlando, FL
- 18) CABG vs PCI in CKD patients. Transcatheter Therapeutics, 11/1/17, Denver, CO
- 19) DyeVert system to reduce contrast use. Transcatheter Therapeutics, 11/1/17, Denver CO.
- 20) High Risk PCI Panel for San Antonio Interventional Forum (SAIF), 8/31/17, San Antonio, Texas
- 21) Renal Considerations in Cardiogenic Shock, Protected PCI Blog, 8/2017 <https://www.protectedpci.com/expert-opinion-dr-anand-prasad-renal-considerations-cardiogenic-shock/>
- 22) Amputation Prevention (AMP), Invited Faculty, Chicago, IL
- 23) Cardiovascular Innovations (CVI), Invited Faculty, Prevention and Management of Distal Embolization. 8/2017, Denver, CO
- 24) Texas Public Radio. Cutting Down On Dye: Safer Heart Procedures For Kidney Patients. 6/8/17 <http://tpr.org/post/cutting-down-dye-safer-heart-procedures-kidney-patients#stream/0>
- 25) SCAI Scientific Sessions, Invited Faculty, 1. Managing Risk of AKI, 2. Case Presentation: Worst Perforation of my Life, 3. Late Breaking Clinical Trials. 4/2017, New Orleans, LA
- 26) Methodist Southwest Valve Summit, 5/2017, TAVR and septal hypertrophy, San Antonio, Texas
- 27) American College of Cardiology Invited Faculty, Managing the Risk of Contrast-Induced Acute Kidney Injury: Society Guidelines, Recommendations, and Treatment Options. 3/19/17, Washington D.C.
- 28) American Heart Association Invited Faculty, Frontiers in PVD, Subclavian artery disease. 11/14/16, New Orleans, LA
- 29) Transcatheter Therapeutics Invited Faculty, 11/1/16, Washington D.C.
- 30) Amputation Prevention (AMP) Invited faculty, 8/2016, Chicago, IL
- 31) San Diego Cardiovascular Interventions (SDCI): Critical limb ischemia, 7/8/16, San Diego, CA
- 32) SCAI Scientific Sessions, Invited Faculty, Appropriate use of intravascular imaging, 5/4-5/7/2016, Orlando, FL
- 33) Program Chair and Founder, Inaugural Cardio Renal Connections Meeting, 4/16-17, 2016, San Antonio, TX
- 34) American College of Cardiology Invited Faculty, 4/2016, Chicago, IL
- 35) Emory EPIC-SEC Meeting, Complex peripheral interventions, Atlanta, GA, 2016
- 36) Tampa St Jude's Fellows Course, Tampa FL, 2016
- 37) Dallas Cardiovascular Innovations, Critical Limb Ischemia, Dallas TX Dec 16th, 2016
- 38) Dallas Cardiovascular Innovations, Shocking Liver Transplant Case, Dallas TX Dec 15th, 2016
- 39) Amputation Prevention (AMP), Invited Faculty, 8/2015, Chicago, IL
- 40) Program Co-Chair 10th Annual International External Fixation Symposium, Dec. 10-12, 2015, San Antonio, TX
- 41) Dallas Cardiovascular Innovations, Dallas, TX, Jan 2015: Below the Knee Interventions
- 42) VUMEDI Peripheral CTO Crossing, Moderator, Dec 17th, 2014
- 43) IEFs Peripheral Arterial Disease in the Diabetic Patient, 2014, San Antonio, TX
- 44) Texas STEMI 2014. Bivalirudin under fire, October 16, 2014, Houston, TX
- 45) Texas STEMI 2014. ROSC when to cath? October 16, 2014, Houston TX
- 46) VUMEDI Transpedal Equipment Selection, July 8, 2014 Online Webcast
- 47) Rio Grande Valley Medical Education Conference April 2014, South Padre, TX: Peripheral Arterial Disease and Critical Limb Ischemia in South Texas and Beyond: Cardiovascular Developments and Treatments
- 48) XLPAD.org webcast, April 2014: Clinical Approach to patients with Critical Limb Ischemia
- 49) SCAI.org Commentary on Peripheral Image of the Week Jun 2014, Online Presentation
- 50) Dallas Cardiovascular Innovations Dallas, TX, Jan 2014: Revascularization for stable CAD,
- 51) CME Outreach, Austin, TX, Nov 2013: Diagnosis and Management of Peripheral Artery Disease.,
- 52) Abbott Vascular Interventional Cardiology Fellows Symposium, Houston, TX, Sept 2013: Best Practices in Interventional Cardiology -
- 53) UTHSCSA Internal Medicine Grandrounds, 2013: Meeting the challenges of critical limb ischemia in the 21st century.
- 54) Invited Faculty SCAI Scientific Sessions 2012, Las Vegas, C3 for Grownups
- 55) Topics and Advances in Internal Medicine 2011, San Diego, CA: Update on peripheral vascular disease
- 56) Kiwanis Club of Tierrasanta 2011, San Diego, CA: Cardiovascular disease prevention
- 57) Oral Presentation at American College of Cardiology 2010, Atlanta, GA: Renal artery plaque composition as assessed by intravascular virtual histology is associated with renal perfusion following renal artery stenting
- 58) UCSD STEMI symposium 2010, La Jolla, CA: Introduction to STEMI care for nurses and emergency personnel
- 59) BD Biosciences 2010, La Jolla, CA: Women and Coronary artery disease
- 60) UCSD Children's hospital cardiology lecture series 2009, San Diego, CA: Coronary angiography

- 61) UCSD STEMI symposium 2009, San Diego, CA: Interventional care of the STEMI patient
- 62) UCSD Neurology lecture 2009, San Diego, CA: Update on PFO closure
- 63) UTSW Cardiology Grand Rounds 2006, Dallas, TX: Controversies in the Study of Heart Failure and a Normal Ejection Fraction
- 64) Oral Presentation at American Heart Association Meeting Scientific Sessions 2005, Dallas, TX: The Effect of Prolonged Intensive Endurance Training on Doppler Measures of Left Ventricular Relaxation in Healthy Seniors.
- 65) UTSW Cardiology Grand Rounds 2005, Dallas, TX: Percutaneous Aortic Valve Replacement
- 66) Oral Presentation at American Heart Association Meeting Scientific Sessions 2004, New Orleans, LA: The effects of aging and fitness of left ventricular relaxation
- 67) UTSW Medicine Dept. Update Conference 2002, Dallas, TX: The Origin and Development of the Electrocardiogram 2600 B.C. to present
- 68) UTSW Medicine Dept. Update Conference 2001, Dallas, TX: The Congenital Long QT Syndromes
- 69) LSU Medicine Dept. Research Day 1996, New Orleans, LA: Agmatine enhances caloric intake and dietary carbohydrate preference in satiated rats.

Editorial Board/Reviewer:

- Reviewer (*Kidney International* 2017 to present)
- Reviewer (*Vascular Medicine* 2016 to present)
- Editorial Board (*SCAI.org*; 2014 to present)
- Editorial Board (*Journal of Invasive Cardiology*; 2014 to present)
- Associate Editor (*Catheterization and Cardiovascular Interventions*; 2013 to present)
- Reviewer (*Catheterization and Cardiovascular Interventions*; 2011 to present)
- Reviewer (*American Journal of Cardiology*; 2010 to present)
- Reviewer (*Journal American College of Cardiology: Imaging*; 2011 to present)
- Reviewer (*Journal of Invasive Cardiology*; 2011 to present)
- Ad Hoc Reviewer (*Diabetes and Vascular disease*; 2010)
- Reviewer (*Journal American College of Cardiology*; 2009 to present)
- Ad Hoc Reviewer (*Journal of Cardiovascular Translational Research*; 2009)
- Ad Hoc Reviewer (*Journal of Applied Physiology*; 2008)
- Ad Hoc Reviewer (*Journal American College of Cardiology*; 2008)
- Ad Hoc Reviewer (*Atherosclerosis, Thrombosis, Vascular Biology*; 2007)
- Ad Hoc Reviewer (*American Heart Journal*; 2006)
- Ad Hoc Reviewer (*Chest*; 2004)

Patents:

United States Patent – pending: novel compound to aid wound healing: Application no. 62/422,928

Publications:

a) Published articles

- 1) Sattar Y, Almas T, Arshad J, Zghouzi M, Ullah W, Mir T, Mohamed MO, Elgendy IY, Aljaroudi W, **Prasad A**, Shlofmitz R, Mamas MA, Kereiakes DJ, Chadi Alraies M. Clinical and angiographic success and safety comparison of intravascular lithotripsy: An updated meta-analysis. *Int J Cardiol Heart Vasc*. 2022 Feb 24;39
- 2) Ullah W, Zghouzi M, Sattar Z, Ahmad B, Zahid S, Suleiman AM, Sattar Y, Khan MZ, Paul T, Bagur R, Qureshi MI, Fischman DL, Banerjee S, **Prasad A**, Alraies MC. Safety and efficacy of drug-coated balloon for peripheral artery revascularization-A systematic review and meta-analysis. *Catheter Cardiovasc Interv*. 2022 Jan 18.
- 3) Ostrominski JW, Amione-Guerra J, Hernandez B, Michalek JE, **Prasad A**. Coding Variation and Adherence to Methodological Standards in Cardiac Research Using the National Inpatient Sample. *Front Cardiovasc Med*. 2021 Nov 2;8:713695.
- 4) **Prasad A**, Amin AP, Ryan MP, Gunnarsson C, Brilakis ES. Use of iso-osmolar contrast media during endovascular revascularization is associated with a lower incidence of major adverse renal, cardiac, or limb events. *Catheter Cardiovasc Interv*. 2021 Nov 12.

- 5) Amin AP, **Prasad A**, Ryan MP, Gunnarsson C, Brilakis ES. Association of Iso-Osmolar vs Low-Osmolar Contrast Media With Major Adverse Renal or Cardiovascular Events in Patients at High Risk for Acute Kidney Injury Undergoing Endovascular Abdominal Aortic Aneurysm Repair. *J Invasive Cardiol* 2021 Aug;33(8):E640-E646
- 6) Zghouzi M, Moussa Pacha H, Ullah W, Sattar Y, Ahmad B, Osman H, Mohamed MO, Mir T, Banerjee S, Shishehbor MH, Prasad A, Rits Y, Mamas MA, Alraies MC. In-hospital outcomes of endovascular versus surgical revascularization for chronic total occlusion in peripheral artery disease. *Catheter Cardiovasc Interv*. 2021 Oct;98(4):E586-E593
- 7) Acharya P, Sethi P, Ranka S, Alli A, Hance K, **Prasad A**, Shah Z, Gupta K. Nationwide study of six-month readmissions in critical limb ischemia: Predictors and impact of revascularization strategies. *Vascular* 2021 Apr 28;17.
- 8) Safley DM, Salisbury AC, Tsai TT, Secemsky EA, Kennedy KF, Rogers RK, Latif F, Shammas NW, Garcia L, Cavender MA, Rosenfield K, **Prasad A**, Spertus JA. Acute Kidney Injury Following In-Patient Lower Extremity Vascular Interventions: From the National Cardiovascular Data Registry. *JACC Cardiovasc Interv*. 2021 Feb 8;14(3):333-341.
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b) Abstracts:

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c) Online publications/webcasts/newscasts/non-peer reviewed publications:

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- 3) **Prasad A.** Wear the Gown: Focus on Mens Health KENS5. <https://www.kens5.com/article/news/local/wear-the-gown-treating-a-life-threatening-widowmaker-heart-attack/273-77955dac-a5bc-4676-a3d5-c8391b064fe9> , February 13, 2019
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- 5) **Prasad A.** Cardio-Renal Disease:New Perspectives and the Cardio Renal Connections Conference. Cath Lab Digest, May 2018
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3. **Anand Prasad**, Fadi Saab. Endovascular Treatment of Below the Knee Chronic Total Occlusions, 2017, in Practical Approach to Peripheral Chronic Total Occlusions, Springer
4. Pratik Dalal, **Anand Prasad**. Endovascular Treatment of PAD and Critical Limb Ischemia, Chapter 8: in Contemporary Outcomes of Endovascular Intervention for Critical Limb Ischemia, 2016, pending
5. **Anand Prasad**, Peter McCullough. **Chapter 19** of *Interventional Cardiology*, 2nd Edition, Cenvio Publishers, Contrast Induced Nephropathy, 2016
6. **Anand Prasad**, Mubeen Cheema. Distal Embolization, The Textbook of Atherectomy, HMP Communications, 2016
7. **Anand Prasad**, Fadi Saab, Below the knee interventions, The peripheral CTO manual, HMP Communications, 2016
8. S. Sethi, SH Ahmed, **A Prasad**. *Clinical Evaluation for Critical Limb Ischemia, CLI Diagnostics and Interventions*, 2015. HMP Communications
9. **Anand Prasad**, *Defining the Presence of Coronary Artery Disease in the Heart Failure Patient*, CDS:Cardio 2012 [Decision Support in Medicine, Wilmington, DE]
10. **Anand Prasad** and Benjamin D. Levine, *Aging and Diastolic Heart Failure, Diastology 2008* Saunders/Elsevier, Philadelphia, PA

Trials/Grants/Research Funding (Ongoing, Completed and Submitted):

1. **LOTUS Pivotal trial.** Funding: Sonogenix. Role: Site PI for study. Pivotal study to examine extracorporeal ultrasound delivery system for renal protection in patients undergoing PCI.

2. **SARS-CoV-2 Infection (COVID-19) and the Development of Cardiac Dysfunction.** Funding: \$100,000, American Heart Association. Role: Principal Investigator. Description: Creation of a 1,000 cardiovascular registry of COVID-19 inpatients with detailed clinical and echocardiographic data. Goal is to understand the incidence, degree, risk factors and clinical outcomes of new onset cardiac dysfunction in patients infected with the SARS-CoV-2 Virus defined by elevation in cardiac biomarkers and ventricular systolic and diastolic dysfunction on echocardiography.
3. **RADIANCE II Study.** Funding: ReCor Medical. Role: Site Principle Investigator, 2019 – 2021, Description: A randomized controlled trial to examine the impact of a novel ultrasound based renal denervation system on moderate hypertension. No longer enrolling.
4. **DyeMINISH Registry.** Funding: Osprey Medical. Role: National and Site Principle Investigator and National Registry Design Consultant, 2019 – present. Description: Multicenter real world registry of contrast monitoring and minimization in acute kidney injury at-risk patients undergoing angiography procedures.
5. **Subclinical Atherosclerosis and Medical Therapy in a Mexican-American Cohort.** Funding: \$26,889.52 Kleberg Scholar Grant. Role: Mentor for awardee (Mentee/Fellow: Marlene Garcia), 2018 to present, Description: Cross-sectional study of carotid atherosclerosis and intimal thickness in a population based cohort derived from the Cameron County Hispanic Cohort.
6. **SGLT2 Inhibitors, Ketones, and Cardiovascular Benefit.** Role: Sub-investigator, PI: Ralph DeFronzo, 2019 to present. To examine the effect of an increase in plasma beta-hydroxy-butyrate levels, spanning the physiologic and pharmacologic range on parameters of left ventricular (LV) systolic and diastolic function and myocardial glucose uptake in type 2 diabetic patients with heart failure.
7. **Translesional Assessment of Gradients during Endovascular Therapy.** (TRIAGE study). Funding: ACIST Medical, \$74,000, Role: Principle Investigator, 2017 to present. Description: Investigator initiated study to examine translesional pressure gradients and fractional flow reserve in the lower extremity arterial circulation. NCT03163199
8. **Spirolactone Initiation Registry Randomized Interventional Trial in Heart Failure With Preserved Ejection Fraction (SPIRRIT).** Funding: NHLBI, Role: Sub-investigator, PI: site Shweta Bansal, 2019-present. Registry-Randomized Clinical Trial (RRCT) that will test the hypothesis that spironolactone plus standard of care compared to standard of care alone reduces the composite of CV mortality and HF hospitalization.
9. **Diastolic Dysfunction and the Development of Dementia.** Funding: \$220,000, Texas Alzheimer's Council on Disease and Related Disorders, Role: Consultant (1% FTE), 2019 to present. Description: Pilot cross-sectional study to examine association between echo defined diastolic function and cognitive function in seniors.
10. **Analysis of Acute Kidney Injury in Patients Undergoing Endovascular Therapy in the National Inpatient Sample.** Funding: \$20,000, UT Health Science Center San Antonio, Department of Medicine Pilot RFA, Role: Principle Investigator, 2017-2018. Description: Examination of AKI defined by ICD coding in the context of lower extremity peripheral arterial disease revascularization.
11. **Development of a novel topical therapy for wound healing.** Funding: \$25,000, President's Translational and Entrepreneurial Research Fund (PTEF), Role: Principle Investigator, 2017-2018. Description: Initial study of a novel peptide formulation for wound healing in an animal model.
12. **Determination of Traditional and Novel Risk Factor Associations for Peripheral Arterial Disease in Mexican-Americans in South Texas.** Funding: \$21,700, Mike Hogg Fund, Role: Principle Investigator, 2016-2017. Description: Instituted lower extremity vascular testing protocols into the Cameron County Hispanic Cohort. Goal to examine the prevalence and risk factors for peripheral arterial disease in a population based cohort.
13. **Incidence and risk factors for acute kidney injury after angiography and endovascular intervention for peripheral arterial disease: A multivariate study of the National Inpatient Sample.** Funding: \$2,000, American Heart Association. Role: Mentor for awardee (Mentee/Student: John Ostrominski)
14. **Vascular corelab for the Hispanic Health Research Center.** Role: Principle Investigator 2016-present. Description: Responsible for supervision, implementation, and analysis of carotid and lower extremity vascular studies Cameron County Hispanic Cohort Study (CCHC).
15. **Evaluation of a Novel Method of Contrast Volume Quantification - AVERT PLUS trial.** Funding: \$56,150, Osprey Medical, Role: Principle Investigator, 2015-2016. Description: Investigator initiated study examining contrast volume smart syringe and delivery modulation system in the catheterization laboratory. NCT02434055.
16. **Impact of Ticagrelor and Aspirin versus Clopidogrel and Aspirin in Patients with Claudication and Peripheral Arterial Disease (PAD): Thrombus Burden Assessed by Optical Coherence Tomography.** Funding: AstraZeneca, Role: Co-Investigator, 2016-2017. Description: Investigator

- initiated study to examine OCT defined thrombus burden in patients undergoing revascularization for infrainguinal peripheral arterial disease. NCT02407314
17. **DURABILITY PAS trial.** Funding: Medtronic, Role: Site Principle Investigator, 2013-2017. Description: Multicenter post marketing registry of nitinol self expanding stent for femoropopliteal disease.
 18. **PRESERV (Prospective Randomized Evaluation to Study the Effects of Reduced Contrast Media on the Vitality of the Kidney) and AVERT trial.** Funding: Osprey Medical, Role: Site Principle Investigator, 2012-2014. Description: Evaluation of novel contrast modulation system on acute kidney injury in patients undergoing coronary angiography and/or percutaneous coronary intervention.
 19. **CHOICE trial.** Funding: Abbott Vascular, Role: Sub-investigator, 2010-2012. Description: Carotid Stenting for High Surgical Risks Patients: Evaluating Outcomes Through the Collection of Clinical Evidence
 20. **Method Comparison: VerifyNow System and VerifyNow II System.** Funding: Accumetrics, Role: Sub-investigator, 2010-2012.
 21. **PROCHYMAL study.** Funding: Osiris Medical, Role: Sub-investigator, 2010-2012. Description: Randomized evaluation of mesenchymal stem cells for post myocardial infarction left ventricular dysfunction
 22. **The DAPT study.** Funding: HCRI, Role: Sub-investigator, 2009-2012.
 23. **INNOVATE PCI trial.** Funding: Portola Pharmaceuticals, Role: Sub-investigator, 2009-2010. Description: A Randomized, Double-Blind, Active-Controlled Trial to Evaluate Intravenous and Oral PRT060128, a Selective and Reversible P2Y12-Receptor Inhibitor, vs. Clopidogrel, as a Novel Antiplatelet Therapy in Patients Undergoing Non-Urgent Percutaneous Coronary Intervention.
 24. **PLATINUM trial.** Funding: Boston Scientific, Role: Sub-investigator, 2009-2011. Description: A Prospective, Randomized, Multicenter Trial to Assess an Everolimus-Eluting Coronary Stent System (PROMUS Element) for the Treatment of up to two De Novo Coronary Artery Lesions.
 25. **SATURN trial.** Funding: AstraZeneca, Role: Sub-investigator, 2008-2009. Description: A 104-week, randomized, double-blind, parallel group, multi-center Phase IIIb study comparing the effects of treatment with rosuvastatin 40 mg or atorvastatin 80 mg on atherosclerotic disease burden as measured by intravascular ultrasound in patients with coronary artery disease.

Consulting/Speaker's Bureaus:

Company	Role	Year
Sanofi	Speaker	2019
Amgen	Consultant	2019 to present
AstraZeneca	Speaker, National Diabetes and CVD Advisory board	2018 to present
GE HealthCare	Consultant	2017-present
Abiomed	Speaker	2016-present
Osprey Medical	Consultant	2014-present
Gilead	Speaker	2014-2018
St Jude Medical	OCT Consultant	2013
Abbott Vascular	Course Speaker	2013
Gore Vascular	Course Speaker	2013