



CURRICULUM VITAE

Ramandeep K. Brar, MD, FACC, FHRS

Joined Los Alamitos Cardiovascular in 2006 | Partner since 2009

Pacemaker Clinic Director

5300 Katella Avenue, Los Alamitos, CA 90720

p: (562) 430-7533 | f: (562) 430-8055 | website: www.losalcardio.com

Specialties:	Cardiovascular Diseases, Cardiac Electrophysiology and Nuclear Cardiology
Board Certifications:	<ul style="list-style-type: none"> • Certified Clinical Cardiac Electrophysiology American Board of Internal Medicine November 2010 • Certified in Nuclear Cardiology Board of Nuclear Cardiology December 2007 • Certified in Cardiovascular Disease American Board of Internal Medicine November 2006 (Recertification 2017) • Certified in Internal Medicine American Board of Internal Medicine August 2001 (Recertification 2011) <hr/> <ul style="list-style-type: none"> • Expert Reviewer The Medical Board of California August 2014-Present
Research Experience:	<ul style="list-style-type: none"> • GALACTIC-HF: Double-blind, Randomized, Placebo-controlled, Multicenter Study to Assess the Efficacy and Safety of Omecamtiv Mecarbil on Mortality and Morbidity in Subjects With Chronic Heart Failure With Reduced Ejection Fraction. Sub-Investigator 2017 Sponsor: Amgen NCT02929329: https://clinicaltrials.gov/ct2/show/NCT02929329

- **PROVE-HF:** A 52 Week, Open Label Evaluation of the Effects of Sacubitril/Valsartan (LCZ696) Therapy on Biomarkers, Myocardial Remodeling and Patient-reported Outcomes in Heart Failure With Reduced Left Ventricular Ejection Fraction.
 Sub-Investigator | 2017
 Sponsor: Novartis
 NCT02887183: <https://clinicaltrials.gov/ct2/show/NCT02887183>
- **Barostim Therapy for Heart Failure (BeAT-HF):** The Barostim Neo - Baroreflex Activation Therapy for Heart Failure is a prospective, randomized trial in subjects with reduced ejection fraction heart failure.
 Sub-Investigator | 2016 – Present
 Sponsor: CVRx, Inc.
 NCT02627196: <https://clinicaltrials.gov/show/NCT02627196>
- **MLHFQ Study:** Evaluate and establish content validity of the Minnesota Living with Heart Failure Questionnaire (MLHFQ) in patients with Symptomatic Hypertrophic Cardiomyopathy.
 Sub-Investigator | 2016
 Sponsor: Gilead/ICON
- **THEMIS- A Study Comparing Cardiovascular Effects of Ticagrelor Versus Placebo in Patients With Type 2 Diabetes Mellitus (THEMIS):** A Multinational, Randomized, Double-Blind, Placebo-Controlled Trial to Evaluate the Effect of Ticagrelor Twice Daily on the Incidence of Cardiovascular Death, Myocardial Infarction or Stroke in Patients With Type 2 Diabetes Mellitus (THEMIS - Effect of Ticagrelor on Health Outcomes in Diabetes Mellitus Patients Intervention Study).
 Sub-Investigator | 2015 – Present
 Sponsor: AstraZeneca
 NCT01991795: <https://clinicaltrials.gov/show/NCT01991795>
- Retrospective Medical Records Review of Participants Interviewed for Study M-12347 (Concept Elicitation Focus Groups and Cognitive Interviews to Develop a New Patient Reported Outcome Instrument in Chronic Heart Failure).
 Sub-Investigator | 2015
 Sponsor: Amgen, Evidera

- **DECLARE-TIMI 58 Dapagliflozin Effect on Cardiovascular Events:**
 A Multicenter, Randomized, Double-Blind, Placebo-Controlled Trial to Evaluate the Effect of Dapagliflozin 10 mg Once Daily on the Incidence of Cardiovascular Death, Myocardial Infarction or Ischemic Stroke in Patients with Type 2 Diabetes.
 Sub-Investigator | 2013 – Present
 Sponsor: AstraZeneca
 NCT01730534 | <http://clinicaltrials.gov/ct2/show/NCT01730534>
- **ODYSSEY EFC11570:** A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Evaluate the Effect of SAR236553/REGN727 on the Occurrence of Cardiovascular Events in Patients Who Have Recently Experienced an Acute Coronary Syndrome
 Sub-Investigator | 2013 – Present
 Sponsor: Sanofi
 NCT01663402 | <http://clinicaltrials.gov/ct2/show/NCT01663402>
- **SILVER-AMI Risk Stratification in Older Persons with Acute Myocardial Infarction.**
 Sub-Investigator | 2013 – 2017
 Sponsor: Yale University School of Medicine/NIH
 NCT01755052 | <http://clinicaltrials.gov/ct2/show/NCT01755052>
- **RivaroxAFL3003:** An Open Label Study Exploring two treatment strategies in patients with Atrial Fibrillation who undergo Percutaneous Coronary Intervention.
 Sub-Investigator | 2013
 Sponsor: Janssen Scientific Affairs/Johnson & Johnson
- **Phase III Trial to confirm the Anti-Anginal effect of T-89 in patients with Stable Angina.**
 Sub-Investigator | 2013
 Sponsor: Tasly Pharmaceuticals
 NCT0169580 | <http://clinicaltrials.gov/ct2/show/NCT0169580>
- **Cardiovascular Inflammation Reduction Trial (CIRT):** Event Driven Trial of weekly Low-Dose Methotrexate in prevention of recurrent cardiovascular events among stable post myocardial infarction patients with Type II Diabetes or Metabolic Syndrome.
 Sub-Investigator | 2013– Present
 Sponsor: Center for Cardiovascular Disease Prevention Brigham and Women’s Hospital/National Heart Lung and Blood Institute
 NCT01594333 | <http://clinicaltrials.gov/ct2/show/NCT01594333>

- **User Comprehension Evaluation of a New Cleaning and Disinfection Procedure for the INRatio® 2 PT/INR Monitoring System (ADAPT) BSTE-0159.**
 Sub-Investigator | 2012
 Sponsor: Alere San Diego
- **Mission® PT Coagulation Monitoring System Clinical Study.**
 Sub-Investigator | 2012
 Sponsor: ACON Laboratories, INC.
- **The “BRIDGE” Trial (1U01HL08675501A1):** Bridging Anticoagulation in Patients Who Require Temporary Interruption of Warfarin Therapy for an Elective Invasive Procedure or Surgery.
 Sub-Investigator | 2012 – 2015
 Sponsor: National Institutes of Health (NIH)-National Heart, Lung and Blood Institute (NHLBI)
 NCT00786474 | <http://clinicaltrials.gov/ct2/show/NCT00786474>
- **GLORIA-AF 1160.129:** Global Registry on Long-Term Oral Anti-thrombotic Treatment in Patients with Atrial Fibrillation Phase II-III.
 Sub-Investigator | 2012 – Present
 Sponsor: Boehringer Ingelheim
 NCT01468701 | <http://clinicaltrials.gov/ct2/show/NCT01468701>
- **BRADY-CARE:** Advanced Bradycardia Device Feature Utilization and Clinical Outcomes.
 Principal Investigator | 2010 – 2012
 Sponsor: St. Jude Medical Center
 NCT01062126 | <http://clinicaltrials.gov/ct2/show/NCT01062126>
- **The PROMISE Trial:** PROspective Multicenter Imaging Study for Evaluation of Chest Pain.
 Sub-Investigator | 2010 – 2014
 Sponsor: National Heart, Lung, and Blood Institute (NHLBI)
 NCT01174550 | <http://clinicaltrials.gov/ct2/show/record/NCT01174550>
- **ORBIT-AF I and II:** Outcomes Registry for Better Informed Treatment of Atrial Fibrillation.
 Sub-Investigator | 2010 – Present
 Sponsor: Janssen Scientific Affairs, LLC
 Collaborator: Duke Clinical Research
 NCT01165710 | <http://clinicaltrials.gov/ct2/show/NCT01165710>
 NCT01701817 | <http://clinicaltrials.gov/ct2/show/NCT01701817>

	<ul style="list-style-type: none"> • RATE: Registry of Atrial Tachyarrhythmia/Atrial Fibrillation (AT/AF) Episodes in the Cardiac Rhythm Management (CRM) Device Population. Principal Investigator 2008 – 2010 Sponsor: St. Jude Medical Center NCT00837798 http://clinicaltrials.gov/ct2/show/NCT00837798 • ENGAGE: Phase III, randomized, double-blind, double-dummy, parallel group, multi-center, multi-national study for evaluation of efficacy and safety of DU-176b versus Warfarin in subjects with Atrial Fibrillation - Effective Anticoagulation with Xa next Generation in Atrial Fibrillation (ENGAGE - AF TIMI - 48). Sub-Investigator 2009 – 2015 Sponsor: Daiichi Sankyo Pharma Development NCT00781391 http://clinicaltrials.gov/ct2/show/record/NCT00781391 • FREEDOM: A Frequent Optimization Study the Quick Opt™ Method. Principal Investigator 2008 – 2010 Sponsor: St. Jude Medical Center NCT00418314 http://clinicaltrials.gov/ct2/show/NCT00418314
<p>Current Hospital Appointments:</p>	<ul style="list-style-type: none"> • Los Alamitos Medical Center 3751 Katella Avenue Los Alamitos, California 90720 • MemorialCare Health System Long Beach Memorial Medical Center 2801 Atlantic Avenue Long Beach, California 90801 • UCLA Ronald Reagan Medical Center 757 Westwood Plaza Los Angeles, CA 90095
<p>Staff Positions & Committees:</p>	<p><i>Los Alamitos Medical Center</i></p> <ul style="list-style-type: none"> • Director, Cardiac Electrophysiology, Effective January 2016 • Chair, Medicine, Effective January 2016 • Chair, Physician Leadership Council, July 2014-August 2017 • Vice Chair, Medicine, January 2014-December 2015 • Vice Chair, Credentialing, Effective January 2013

Professional Societies:	<ul style="list-style-type: none"> • American College of Cardiology (FACC) Fellow • Heart Rhythm Society (FHRS) Fellow
Publications:	<ul style="list-style-type: none"> • Anthony P, Chandraratna N, Skeikh Y, Brar R, Kim D. “Feasibility of Continuous Cardiac Imaging Using a Novel Ultrasound Transducer.” <i>Circulation: Journal of American Heart Association: Abstracts from the 71st Scientific Sessions.</i> • Anthony P, Chandraratna N, Skeikh Y, Brar R, Khan Z, Chen Q. “Continuous Recording of Pulmonary Artery Diastolic pressure and cardiac Output using a Novel Ultrasound Transducer.” <i>Circulation: Journal of the American Heart Association: Abstracts from the 71st Scientific Sessions.</i> • Chandraratna P, Brar R, Agioian E, Vijaysekara S. “Using of a Novel Chest Wall Attachable Ultrasound Transducer for Continuous Bedside Monitoring of Left Ventricular Regional Wall Motion Abnormalities.” • Anthony P, Chandraratna N, Brar R, Vijaysekaran S, Chen Q. “Feasibility of Continuous Transthoracic imaging Using a Novel Ultrasound Transducer. “ • Anthony N, Chandraratna N, Brar R, Vijaysekaran S, Sheikh Y. “Continuous Recording of Pulmonary Artery Diastolic Pressure and Cardiac Output Using a Novel Ultrasound Transducer.” <i>Echocardiography.</i> • Brar R, Attai S, Brar PK, Butler M, Chandraratna P. “Echocardiographic Evaluation of Left Ventricular Systolic Function.” <i>Cardiac Ultrasound Today</i> 2003; Vol 9: Number 5.
Education:	<ul style="list-style-type: none"> • Cardiac Electrophysiology Fellowship University of California, Los Angeles July 2005 – August 2006 • Cardiovascular Diseases Fellowship University of California, Irvine July 2002 – July 2005 • Chief Resident, Internal Medicine 3rd Year Cornell University Medical Center/ Wyckoff Heights Medical Center July 2000 – June 2001 • Residency Training Internal Medicine

	<p>Cornell University Medical Center/ Wyckoff Heights Medical Center July 1998 – June 2001</p> <ul style="list-style-type: none"> • Rotatory Internship Dayanand Medical College and Hospital Ludhiana, Punjab, India January 1996 – June 1997 • MBBS /MD Dayanand Medical College and Hospital Ludhiana Punjab, India August 1991 – December 1995
<p>Educational Honors and Awards:</p>	<ul style="list-style-type: none"> • Intern of the Year Department of Internal Medicine, June 1999 Cornell University Medical Center/ Wyckoff Heights Medical Center • Intern of the Month Department of Internal Medicine, August 1998 Cornell University Medical Center/ Wyckoff Heights Medical Center