



CURRICULUM VITAE

Bret A. Witter, MD, FACC, FACP

Joined Los Alamitos Cardiovascular as a partner in 2003

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Specialties:	Cardiovascular Diseases and Echocardiography
Board Certifications:	<ul style="list-style-type: none"> • Certified Echocardiography National Board of Echocardiography 2012 • Certified in Cardiovascular Disease American Board of Internal Medicine November 1993 (Recertifications: 2003 and 2013) • Certified in Internal Medicine American Board of Internal Medicine 1990 (Recertifications: 2000 and 2009) • FLEX (Federal Licensing Examination) Part 1: 1985 Part 2: 1986 • National Boards (Taken Individually) 1984 – 1987 • NASPE Testamur (Exam) North American Society of Pacing and Electrophysiology 1998
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.**
Principal 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.

Sub-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>

- **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>

- **FREEDOM:** A Frequent Optimization Study the Quick Opt™ Method.

Sub-Investigator | 2008 – 2010

Sponsor: St. Jude Medical Center

NCT00418314 | <http://clinicaltrials.gov/ct2/show/NCT00418314>

- **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 -

	<p>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</p> <ul style="list-style-type: none"> • SAFE (Silent Atrial Fibrillation Detection with Stored EGMS). Sponsor: Guidant Corporation • Fosiniopril Drug Study. Sub-Investigator 1992 Sponsor: Bristol- Myers Squibb Company • <i>Supine Bike/Stress Echo (Unpublished).</i> A.S. Abbasi, MD, FACC Long Beach, California. • <i>Molecular Biology/ Immunology Cell Culture, electrophoresis techniques, 1978 – 1979.</i> Gale Granger, PhD University of California, Irvine.
<p>Current Hospital Appointments:</p>	<ul style="list-style-type: none"> • Los Alamitos Medical Center 3751 Katella Avenue Los Alamitos, California 90720 • Long Beach Memorial Medical Center 2801 Atlantic Avenue Long Beach, California 90806
<p>Hospital Activities:</p>	<p><i>Los Alamitos Medical Center</i></p> <ul style="list-style-type: none"> • Chairman, Pharmacy and Therapeutics, 2008 – 2014 <p><i>St. Mary Medical Center</i></p> <ul style="list-style-type: none"> • Vice Chief of Medicine, 2002 – 2003 • Medical Director of Cardiopulmonary Unit, 2003 • Pharmacy and Therapeutics, 2001 – 2002 • Cardiac Catheterization/Cardiac Surgery Committee, 1996 – 2003 • Cardiac Catheterization/Cardiac Surgery Committee, 1996 – 2000 • CCU/ICU Committee, 1994 <p><i>MemorialCare Health System</i> <i>Community Hospital Long Beach</i></p> <ul style="list-style-type: none"> • Chairman, Cardiac Advisory Board, 1996 – 1998

Professional Societies:	<ul style="list-style-type: none"> • American College of Physicians (FACP) Fellow: February 2002 • American College of Cardiology (FACC) Fellow: May 1995 • Los Angeles County Medical Association Member: 1995 – Present • American College of Cardiology Member: 1990 – Present • American College of Physicians Member: 1987 – Present •
Academic Appointments:	Assistant Clinical Professor David Geffen School of Medicine University of California, Los Angeles (UCLA) 1996 – Present
Work History:	<ul style="list-style-type: none"> • Los Alamitos Cardiovascular Los Alamitos, California October 1993 – Present • Cardiovascular Associates Long Beach, California July 1993 – October 1993
Teaching:	<ul style="list-style-type: none"> • Cardiology Conference St. Mary Medical Center Long Beach 2007 – Present • ICU Morning Report St. Mary Medical Center Long Beach 1993 – 2003, 2007 – 2009 • CCU/Cardiology Rounds St. Mary Medical Center Long Beach 1993 – 2003
Professional Recognition:	<ul style="list-style-type: none"> • Special Recognition for Teaching Excellence St. Mary Medical Center Long Beach 2003 – 2004

	<ul style="list-style-type: none"> • Outstanding Teaching Physician St. Mary Medical Center Long Beach 2000 – 2001 • Outstanding Teaching Physician St. Mary Medical Center Long Beach 1993 – 1994
Intramural Presentations:	<ul style="list-style-type: none"> • “Differentiation of Cardiac and non Cardiac chest pain.” <i>CARDIOLOGY 2000 symposium at Long Beach, California Hyatt,</i> May 13, 2000. • “Transesophageal Echocardiography in the Critical care Setting.” <i>CRITICAL CARE TRIAD, St. Mary Medical Center Long Beach,</i> January 19, 1995.
Publications:	<ul style="list-style-type: none"> • Witter BA, Decristofaro D. “Muscle Bands, Tendons and Trabeculations.” (Letter) <i>Am J. Cardiol.</i> 1992; 71:499 – 500.
Education:	<ul style="list-style-type: none"> • Cardiovascular Diseases Fellowship St. Mary Medical Center Long Beach /Affiliated with UCLA School of Medicine Long Beach, California July 1990 – June 1993 • Internal Medicine Residency St. Mary Medical Center Long Beach /Affiliated with UCLA School of Medicine Long Beach, California July 1988 – June 1990 • Internal Medicine Internship St. Mary Medical Center Long Beach /Affiliated with UCLA School of Medicine Long Beach, California July 1987 – June 1988 • Medical Education Baylor College of Medicine Houston, Texas August 1983 – June 1987

	<ul style="list-style-type: none"> • Undergraduate Education Biological Sciences University of California, Irvine (UCI) Irvine, California September 1979 – June 1983
Educational Honors and Awards:	<ul style="list-style-type: none"> • Phi Beta Kappa Magna Cum Laude University of California, Irvine 1983
Foreign Language:	<ul style="list-style-type: none"> • Medical Spanish