

CURRICULUM VITAE Stuart Fischer, MD, FACC, FACP, FSCAI, CCDS Co-Founder of Los Alamitos Cardiovascular, 1985

5300 Katella Avenue, Los Alamitos, CA 90720

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Specialties:	Cardiovascular Diseases, Interventional Cardiology, Endovascular Diseases
Board Certifications:	 Certified in Internal Medicine, Cardiovascular Disease and Interventional Cardiology National Board of Physicians and Surgeons 2015-2017 Certified in Interventional Cardiology American Board of Internal Medicine 1999 (Recertification 2011 – 2021) Certified Cardiac Device Specialist (CCDS) International Board of Heart Rhythm Examiners (IBHRE) Certification Examination for Competency in Cardiac Rhythm Device Therapy for the Physician 1988 Certified in Cardiovascular Disease American Board of Internal Medicine 1985 Certified in Internal Medicine American Board of Internal Medicine Medicine 1982
Research Experience:	 AEGIS: A Phase 3, Multicenter, Double-blind, Randomized, Placebocontrolled, Parallel-group Study to Investigate the Efficacy and Safety of CSL112 in Subjects with Acute Coronary Syndrome. Principal Investigator 2019 Sponsor: CSL Behring LLC NCT03473223: https://clinicaltrials.gov/ct2/show/NCT03473223

COVET: Comparison of Oral anticoagulants for extended Venous
 Thromboembolism (COVET). It is a randomized, open label, active
 comparator to determine whether the direct oral anticoagulant apixaban
 and rivaroxaban are safer than warfarin (fewer bleeding complications)
 and still as effective as warfarin (no increase in recurrent blood clots).
 Sub-Investigator | 2018 – Present

Sponsor: Patient-Centered Outcomes Research Institute (PCORI) NCT03196349: https://clinicaltrials.gov/ct2/show/NCT03196349

 NODE 301: Multi-Centre, Randomized, Double-Blind, Placebo-Controlled, Efficacy, and Safety Study of Etripamil Nasal Spray for the Termination of Spontaneous Episodes of Paroxysmal Supraventricular Tachycardia. Sub-Investigator | 2019

Sponsor: Milestone Pharmaceuticals Inc.

NCT03464019: https://clinicaltrials.gov/ct2/show/NCT03464019

 NODE 302: Multi-Centre, Open-Label, Safety Study of Etripamil Nasal Spray in Spontaneous Episodes of Paroxysmal Supraventricular Tachycardia (Extension of NODE-301).

Sub-Investigator | 2019

Sponsor: Milestone Pharmaceuticals Inc.

NCT03635996: https://clinicaltrials.gov/ct2/show/NCT03635996

• PARADISE MI: A multi-center, randomized, double-blind, active-controlled, parallel-group Phase 3 study to evaluate the efficacy and safety of LCZ696 compared to ramipril on morbidity and mortality in high risk patients following an acute myocardial infarction.

Principal Investigator | 2018 – Present

Sponsor: Novartis

NCT02924727: https://clinicaltrials.gov/ct2/show/NCT02924727

 PEA-VALVE: Phono- and Electrocardiogram Assisted Detection of Valvular Disease. This is data collection of recorded heart sounds + ECGs using Eko Duo and Eko Core devices to further refine and validate algorithms using de-identified diagnosis confirmed by gold-standard echocardiograms.
 Sub-Investigator | 2018 – Present

Sponsor: Eko Devices

 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 – Present

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.

Primary Investigator | 2017 – 2019

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 - 2017

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).
 Primary 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).

Primary Investigator | 2015 – 2016

Sponsor: Amgen, Evidera

DECLARE-TIMI 58 <u>Dapagliflozin Effect on CardiovascuLAR Events</u>: 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 – 2018

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

• Principal Investigator | 2013 – 2017

Sponsor: Sanofi

NCT01663402 | http://clinicaltrials.gov/ct2/show/NCT01663402

• SILVER-AMI Risk Stratification in Older Persons with Acute Myocardial Infarction.

Principal 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 – 2014

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/NCT01659580

 Cardiovascular Inflammation Reduction Trial (CIRT): 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 – 2018

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

 BRADYCARE: 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 – 2017

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.
 Sub-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 -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

 Phase III, double-blind, randomized, placebo-controlled, multi-center study evaluating the efficacy and safety of Dalcetrapib on lipids, lipoproteins, apolipoproteins and markers of CV Risk in patients hospitalized for an acute coronary syndrome (ACS) when treatment is initiated within 1 week after an ACS (Dal-ACUTE).

Sub-Investigator | 2008 - 2012

Sponsor: F. Hoffmann-La Roche Ltd., Hoffmann-La Roche, Inc. , Roche Global Development.

NCT01323153 | http://clinicaltrials.gov/ct2/show/NCT01323153

 Multi-center, randomized, controlled study to investigate the safety and tolerability of Intravenous Ferric Carboxymaltose (FCM) vs. Iron Dextran in treating iron deficiency anemia in subjects who are not dialysis dependent.

Sub-Investigator | 2007 - 2009

Sponsor: Luitpold Pharmaceuticals, Inc.

NCT00704028 | http://clinicaltrials.gov/ct2/show/NCT00704028

 Echocardiographic Assessment of Mitral Stenosis, Two-Dimensional Echocardiography versus Doppler Pressure Half Time Exercise Echocardiography in Coronary Artery Disease

Doppler Mitral Flow in Various Pathologic States

Thin-Line Bi-Polar Pacemaker Leads.

Department of Physiology, Albany Medical College

Sponsor: Intermedics

Current Hospital Appointments:

 Los Alamitos Medical Center Active staff since April 1985

	 3751 Katella Avenue Los Alamitos, California 90720 MemorialCare Health System Long Beach Memorial Medical Center Active staff since December 1985 2801 Atlantic Avenue Long Beach, California 90801
Other Hospital Affiliations:	 Memorial Heart Institute Founding Fellow, January 1987 University of California, Irvine Courtesy Staff since April 1986
Committees:	 Chairman, Credentials Committee, 1996 – Present Member, Governing Board: 1994 – 2001, 2004 – Present Chief of Staff, 1994 – 1995 Vice Chief of Staff, 1993 Chairman, Quality Assurance Committee, 1993 Chairman, Critical Care Committee, 1989 Chairman, Department of Medicine, 1990 – 1992 Member, Executive Committee, 1989 – Present Director Cardiac Catheterization Lab, 1989 – 2013 Director, Pacemaker Clinic, 1985-2007 Director, Echocardiography Lab, 1985 – 1997 Secretary-Treasurer Medical Staff, 1992 Long Beach Memorial Medical Center Member Cardiology Credentials and QA Committee, 1996 – Present Member, Executive Committee: 2000 – 2001, 2004 – 2007 Director, Cardiac Catheterization Lab, 2002 – 2005
Professional Societies:	 American College of Cardiology (FACC) Fellow American College of Physicians (FACP) Fellow The Society for Cardiac Angiography and Interventions (FSCAI) Fellow

	 Heart Rhythm Society-IBHRE CCDS Member The Society of Geriatric Cardiology (FSGC) Fellow
Academic Appointments:	 Co-Director Interventional Fellowship Program University of California, Irvine/Long Beach Memorial Hospital July 2000 – Present Assistant Clinical Professor of Medicine University of California, Irvine July 1989 – Present
Work History:	 Los Alamitos Cardiovascular/Los Alamitos Internal Group, Inc. Cardiologist Los Alamitos, California 1985 – Present Fischer Mangold Group Emergency Medicine St. Francis - St. George Hospital Cincinnati, Ohio 1982 – 1983 Medical Health Service Staffing Three Cincinnati ER's (Part Time) Cincinnati, Ohio 1980 – 1983 Bethesda Hospital Critical Care Physician (Part Time) Cincinnati, Ohio 1981 – 1983
Professional Recognition:	 American Medical Association Physician's Recognition Award in Continuing Medical Education January 2008 – January 2011 Sarah Lipson Seigal Memorial Award for Research 1973
Publications:	 Kumar P, Agarwal P, VanNatta B, Shandling A, Fischer S, McAtee P, Messenger J. "Clinical evaluation of ThinLine II (models 430-25 and 438- 25 Intermedics) bipolar pacing leads." PACE. 1999; 22 Part II 869.

Dabestani A, Takenaka K, Allen B, Gardin J, Fischer S, Russell D, Henry W. "Effects of Spontaneous Respiration on Diastolic Left Ventricular Filling Assessed by Pulsed Doppler Echocardiography." Am J Cardiol . 1988; 61:1356-1358.

Education:

 Cardiovascular Diseases Fellowship University of California, Irvine

Division of Cardiology Orange, California Walter L. Henry, MD, Chief 1983 – 1985

Internal Medicine Residency
 University of Cincinnati Medical Center

Department of Internal Medicine Cincinnati, Ohio Martin Goldberg, MD, Chair 1980 – 1982

Straight Medical Internship
 University of Cincinnati Medical Center

Department of Internal Medicine Cincinnati, Ohio Martin Goldberg, MD, Chair 1979 – 1980

Medical Education
 Cornell University Medical College
 New York, New York
 1977 – 1979

Medical Education

Universita di Sassari Faculta di Medicinav Sassari, Italy 1973 – 1977

Undergraduate Education
 Brooklyn College

Brooklyn Now York

Brooklyn, New York BS, Biology, 1969 – 1973

Clinical Expertise:

Non-Invasive Cardiology:

	Echocardiography – TEE, Dobutamine and Stress Echo
	Invasive-Interventional Cardiovascular and Endovascular Diseases: Catheterization, PTCA, Atherectomy, Stents, Laser Atherectomy, VBT, Pacing, Peripheral Vascular Disease, Peripheral Interventions, and Current Level II certification for performing and interpreting MDCTA
Medical Licenses:	California , New York, Ohio
Local Organizations:	Rotary 1986 – 1989