Curriculum Vitae

Jeffrey G. Carr, MD, FACC, FSCAI
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Interventional Cardiology and Peripheral Vascular Practice

2009 – Present Tyler Cardiac and Endovascular Center - 1769 Troup Hwy, Tyler, Texas

2005 – Present Vein Center of East Texas - Tyler, Texas

1994 – Present Cardiovascular Associates of East Texas, P.A. - Tyler, Texas

1994 – Present Cardiovascular Associates of East Texas, P.A. - Research

Business

1998 – Present Carr Consulting - President
Medical and Business Consulting Services

Education

Post-Graduate Training

Cardiology Fellowships

1993 – 1994 Interventional Cardiology Fellowship, UCLA Medical Center

1991 – 1994 Cardiology Fellowship, UCLA Medical Center

Residency and Internship

1988 – 1991 Internal Medicine, UCLA Medical Center

Academic Degrees

1984 – 1988 University of California, Los Angeles
School of Medicine - Doctor of Medicine

1979 – 1983 University of California, Los Angeles
Bachelor of Science – Psychobiology

Licensure

Texas State License

California State License

Hospital Appointments

Active Staff – CHRISTUS Trinity Mother Frances Hospital, Tyler, Texas

Active Staff – UT Health East Texas (ETMC), Tyler, Texas

Consulting – Baylor Scott & White Texas Spine and Joint Hospital, Tyler, Texas

Consulting – UT Health East Texas (ETMC), Quitman, Texas

Consulting – UT Health East Texas (ETMC), Jacksonville, Texas

Research

Principal Investigator – INSIGHT – Evaluation of the Pantheris OCT – Imaging Atherectomy System for Treatment of In-Stent Restenosis (ISR) Lesiosn in Lower Extremity Arteries.

Co-Investigator – FORXIGA-HF - Study to Evaluate the Effect of Dapagliflozin on the Incidence of Worsening Heart Failure or Cardiovascular Death in Patients with Chronic Heart Failure with Reduced Ejection Fraction. (D1699C00001)

Principal Investigator – PROVE-HF - A 52 Week, open label evaluation on the effects of sacubitril/valsartan (LCZ696) therapy on biomarkers, myocardial remodeling and patient-reported outcomes in heart failure with reduced left ventricular ejection fraction.

Principal Investigator – RANGER II SFA - A 3:1 Randomized Trial Comparing the Boston Scientific RANGER™ Paclitaxel Coated Balloon vs Standard Balloon Angioplasty for the Treatment of Superficial Femoral Arteries (SFA) and Proximal Popliteal Arteries (PPA)

Lead Principal Investigator – REVEAL - Revolution™ Peripheral Atherectomy System for Lower Extremity Peripheral Arterial Revascularization. (The REVEAL Study)

Principal Investigator – TOBA II BTK - Tack Optimized Balloon Angioplasty Study for the Below The Knee Arteries Using the Tack Endovascular System® (TOBA II BTK)

Principal Investigator – COPPER A – "The Occlusion Perfusion Catheter for Optimal Delivery of Paclitaxel for the Prevention of Endovascular Restenosis – Above the Knee"

Principal Investigator – LumenRECON – Prospective, multi-center, non-randomized, controlled pilot study for the evaluation of the LR Guide Wire and System for assessing lumen diameter.

Principal Investigator – VOYAGER-PAD – An international, multi-center, randomized, double-blind, placebo controlled phase 3 trial investigating the efficacy and safety of rivaroxaban to reduce the risk of major thrombotic vascular events in patients with symptomatic peripheral artery disease undergoing lower extremity revascularization procedures.

Principal Investigator – CHAMP-HF - Observational Registry of Treatment Patterns in U.S. Heart Failure Patients with Reduced Ejection Fraction.

Principal Investigator – ABLATE - The trial is a prospective, multi-center, non-randomized registry evaluating the safety and effectiveness of Excimer Laser Atherectomy (ELA) using the Spectranetics Turbo-Elite Laser Ablation Catheter.

Principal Investigator – COPPER B - Prospective, non-randomized, first-in-human study. The purpose of the COPPER-B study is to assess the feasibility, safety and initial efficacy of paclitaxel administration using the OPC for the prevention of restenosis in infrapopliteal de novo and restenotic lesions and occlusions using a novel catheter, the OPC.

Principal Investigator – MIMICS-2 - Evaluation of Safety and Efficacy of the BioMimics 3DTM Stent System

in the Femoropopliteal Arteries of Patients with Symptomatic Peripheral Arterial Disease.

Principle Investigator – LIBERTY 360˚ - Prospective, Observational, Multi-Center Clinical Study to Evaluate Acute and Long Term Clinical and Economic Outcomes of Endovascular Device Intervention in Patients with Distal Outflow Peripheral Arterial Disease (PAD)

Principle Investigator - AVERT - The OSPREY Medical AVERT System is indicated to Reduce Contrast Media Exposure to the kidneys during Percutaneous Coronary Procedures thereby reducing the risk of Contrast Induced Nephropathy (CIN)

Principle Investigator **-** AD HOC PCI - A randomized, open-label, multiple-center, parallel group, study to compare the platelet inhibition with Verify Now™ assay of ticagrelor vs. clopidogrel in troponin negative Acute Coronary Syndrome (ACS) subjects undergoing Ad Hoc percutaneous coronary intervention (PCI)

Principle Investigator – EXCITE – Excimer laser randomized Controlled Study for treatment of femoropopliteal In-Stent Restenosis.

Principle Investigator – EUCLID – A randomized, double-blind, parallel group, multicenter phase IIIb study to compare ticagrelor with clopidogrel treatment on the risk of cardiovascular death, myocardial infarction and ischemic stroke in patients with established Peripheral Artery Disease (EUCLID – Examining Use of tiCagreLor In paD)

Co-Investigator – SUMMIT - HZC113782: A Clinical Outcomes Study to compare the effect of Fluticasone Furoate/Vilanterol Inhalation Powder 100/25mcg with placebo on Survival in Subjects with moderate Chronic Obstructive Pulmonary Disease (COPD) and a history of or at increased risk for cardiovascular disease.

Co-Investigator – ABSORB III - Randomized Controlled Trial. A Clinical Evaluation of Absorb™ BVS, the Everolimus Eluting Bioresorbable Vascular Scaffold in the treatment of Subjects with de novo Native coronary Artery Lesions.

Co-Investigator – DECLARE – A Multicenter, Randomized, Double-Blind, Placebo-Controlled Trial to Evaluate the Effect of Dapagliflozin 10mg Once Daily on the Incidence of Cardiovascular Death, Myocardial Infarction or Ischemic Stroke in Patients with Type 2 Diabetes.

Co-Investigator – ODYSSEY – 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.

Co-Investigator – PARADIGM - A multicenter, randomized, double-blind, parallel group, active-controlled study to evaluate the efficacy and safety of LCZ696 compared to enalapril on morbidity and mortality in patients with chronic heart failure and reduced ejection fraction.

Co-Investigator – VISTA – 16 – Evaluation of the Safety and Efficacy of Short-term A-002 Treatment in Subjects with Acute Coronary Syndromes.

Co-Investigator – TAO – Randomized, double-blind, triple-dummy trial to compare the efficacy of otamixaban with Unfractionated Heparin + eptifibatide, in patients with Unstable angina/Non ST segment Elevation Myocardial Infarction scheduled to undergo an early invasive strategy.

Principal Investigator – TAXUS LIBERTE – "A prospective, multi-center study designed to observe clinical outcomes in patient receiving the TAXUS Liberte-Paclitaxel-Eluting Coronary Stent and prasugrel as part of a dual antiplatelet therapy drug regimen.

Principal Investigator – RESOLUTE – A Clinical Evaluation of the Medtronic Endeavor® Resolute Zotarolimus-Eluting Coronary Stent System in the Treatment of *De Novo* Lesions in Native Coronary Arteries with a Reference Vessel Diameter of 2.25 mm to 4.2 mm.

Principal Investigator – ENDEAVOR SVS – A Clinical Evaluation of the Medtronic Endeavor Zotarolimus-Eluting Coronary Stent System in the Treatment of *De novo* Lesions in Small Diameter Native Coronary Arteries.

Principal Investigator – The Complete® SE SFA Study: The Medtronic Complete Self-Expanding(SE) SFA Stent for the Treatment of Atherosclerotic Lesions in the Superficial Femoral Artery and/or Proximal Popliteal Artery

Co-Investigator – TRA2P – A Multicenter, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Safety and Efficacy of SCH530348 in Addition to Standard of Care in Subjects with a History of Atherosclerotic Disease: Thrombin Receptor Antagonist in Secondary Prevention of Atherothrombotic Ischemic Events (TRA2P-TIMI50).

Co-Investigator – A Multicenter, Double-Blind, Randomized Study to Establish the Clinical Benefit and Safety of Vytorin (Ezetimibe/Simvastatin Tablet) vs. Simvastatin Monotherapy in High-Risk Subjects Presenting with Acute Coronary Syndrome (IMProved Reduction of Outcomes: Vytorin Efficacy International Trial – IMPROVE IT

Principal Investigator – MAPA – **M**edtronic **A**therosclerotic **P**laque **A**nalysis study using SilverHawk Plaque Excision System for "selective plaque excision" to analyze and research the plaque for purposes of gene (RNA) and protein expression as it relates to peripheral vascular disease.

Co-Investigator - PLATO Study - A Randomized, Double-blind, Parallel Group, Phase 3, Efficacy and Safety Study of AZD6140 Compared with Clopidogrel for Prevention of Vascular Events in Patients with Non-ST or ST Elevation Acute Coronary Syndromes (ACS).

Co-Investigator - XIENCE™ V - Everolimus Eluting Coronary Stent System (EECSS) USA Post-Approval Study sponsored by Abbott Vascular Inc.

Principal Investigator – LEAP -- A Two Part, Multicenter, Randomized, Double-Blind, Placebo-Controlled, Study to Evaluate the Effect of Simvastatin, Losartan, and Pioglitazone on Cardiovascular disease Biomarkers in Lower Extremity Atherosclerotic Plaque Excised from Patients with Peripheral Artery Disease.

Principal Investigator – ENDEAVOR IV – A Randomized, Controlled Trial of the Medtronic Endeavor Drug Eluting Coronary Stent System versus the Taxus Paclitaxel-Eluting Coronary Stent System in De Novo Native Coronary Artery Lesions.

Co-Investigator – RE-LY - **R**andomized **E**valuation of **L**ong term anticoagulant therap**y** (RE-LY) comparing the efficacy and safety of two blinded doses of dabigatran etexilate with open label warfarin for the prevention of stroke and systemic embolism in patients with non-valvular atrial fibrillation: prospective, multi-centre, parallel-group, non-inferiority trial.

Co-Investigator – A-HeFT – A Placebo-Controlled Trial of Bidil Added to Standard Therapy In African-American Patients with Heart Failure.

Co-Investigator – ACCOMPLISH – A prospective, multicenter, double-blind, randomized, active-controlled trial to compare the effects of Lotrel (amlodipine/benazepril to benazepril and hydrochlorothiazide combined on the reduction of cardiovascular morbidity and mortality in patients with high risk hypertension.

Co-Investigator – TIMI38/TRITON – A Comparison of CS-747 and Clopidogrel in Acute Coronary Syndrome Patients who are to Undergo Percutaneous Coronary Intervention; a Phase III, multicenter, randomized, parallel-group, double-dummy, active controlled trial in patients with acute coronary syndrome (ACS), who are to undergo percutaneous coronary intervention (PCI).

Co-Investigator – VISION 305 Study - "Vasodilator Induced Stress In Concordance with Adenosine" A multicenter, risk-stratified, randomized, double-blind, double-dummy study drug administration, active-controlled, complete two-arm crossover study with a reference third arm.

Co-Investigator - APEX-AMI Study - "A Multicenter, Randomized, Double-Blind, Parallel-Group, Placebo-Controlled Study of Pexelizumab in Patients with Acute Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention." (Assessment of PEXelizumab in Acute Myocardial Infarction)-APEX-AMI.

Principal Investigator – ACUITY Trial – A randomized comparison of Angiomax (bivalirudin) versus Lovenox/Clexane (enoxaparin) in patients undergoing early invasive management for acute coronary syndrome without ST-segment elevation.

Principal Investigator – REPLACE II – A Randomized Evaluation in PCI Linking Angiomax to Reduced Clinical Events, Part 2: REPLACE-2 (TMC-BIV-01-03)Principal Investigator – REPLACE – TMC-BIV-00-01, Randomized Evaluation in Percutaneous Coronary Intervention Linking Angiomax to Reduced Clinical Events.

Principal Investigator – Otsuka Protocol 21-98-214-01 CASTLE " A Randomized, Double-Blind, Placebo-Controlled, Multicenter, Parallel-Arm, Study to Asses The Long-Term Effects of Pletal® (Cilostazol) Versus Placebo Administered Orally to Patients with Intermittent Claudication Secondary to Peripheral Arterial Disease".

Principal Investigator – GUSTO IV ACS – A Phase III, Randomized, Double-Blind, Placebo-Controlled Trial Evaluating the Efficacy and Safety of ReoPro™, Given as a Bolus Followed by a 24- or 48-Hour Infusion, for the Treatment of Acute coronary Syndrome Without ST-Segment Elevation.

Principal Investigator – Left Main IVUS Registry – Scripps Clinic – A multicenter prospective registry designed to determine the value of diagnostic IVUS in the setting of an inconclusive coronary angiogram.

Principal Investigator – PRAISE 2 - (Prospective Randomized Amlodipine Survival Evaluation -2) Phase III Protocol NO. 053-185: A randomized, double-blind, dose-titration, parallel group, placebo-controlled study to evaluate the effect of Amlodipine on survival in patients with congestive heart failure.

Principal Investigator – AMISTAD II Trial (Phase III): A randomized, double-blind, placebo-controlled, multicenter trial to evaluate the efficacy and safety of Adenosine (Pallacor, Adenosine Injection) as an adjunct to reperfusion therapy (Thrombolysis or Mechanical Reperfusion) in the treatment of acute

anterolateral myocardial infarction.

Principal Investigator – ATLAS Trial (Aspirin TicLid vs Anticoagulation for Stents) - George Washington University, Cardiovascular Research Institute.

Principal Investigator – Niaspan Trial #MA-97-0101 Phase IV: an open-label, community-based clinical practice study of Niaspan in patients with hyperlipidemia.

Principal Investigator – Intravascular Ultrasound Core Imaging Laboratory (Syntax MUCS1864 TCAD) Randomized, double-blind comparative study of Mycophenolate Mofetil or Azathioprine each in combination with Cyclosporine and corticosteroids for the prevention of rejection in cardiac allograft recipients.

Co-Investigator – A Multicenter, Randomized, Double-blind, Placebo Controlled Study to Evaluate the Efficacy and Safety of Ad5FGF-4 in Patients with Stable Angina

Co-Investigator – AMIHOT – TherOx Aqueous Oxygen System – Acute Myocardial Infarction with Hyperoxemic Therapy "AMIHOT" Phase II clinical trial. A Randomized, Controlled, Multicenter Trial of Aqueous Oxygen Infusion for 90 Minutes Post-Primary PTCA/Stent Intervention in Acute Myocardial Infarction Patients.

Co-Investigator – SYNERGY – A Prospective, Randomized, Open-Label, Multicenter Study in Patients Presenting with Acute Coronary Syndromes (ACS).
Aventix Pharmaceuticals Protocol Number ENO.GMA.301. IND# 31532

Co-Investigator-INSPIRE: A Randomized, Prospective Multicenter Trial Evaluating The Role Of Adenosine Tc99m Sestamibi Single Photon Emission Computed Tomography For Assessing Risk And Therapeutic Outcomes In Survivors Of Acute Myocardial Infarction.

Co-Investigator – A Double-Blind Comparison Of The Incidence Of Hypotension With Two Formulations Of Intravenous Amiodarone: Cordarone® I.V. vs Amiodarone Aqueous I.V. Injection - Protocol No. 058K1-312-US

Co-Investigator – OCTAVE - CV137-120 Omapatrilat Cardiovascular Treatment Assessment Versus Enalapril (OCTAVE) A Phase III, Randomized, Double Blind, Active Controlled Comparison of Omapatrilat and Enalapril in Subjects with newly Diagnosed or Established Hypertension

Co-Investigator – CRISP – A single Arm, Open label Study of Cerivastatin (Baycol®) in Community based Patients with Hypercholesterolemia at risk for Cardiovascular Disease and patients with Cardiovascular Disease. To Monitor inflammatory markers
Co-Investigator – ER TIMI 19 – A Phase IV Open-Label Trial of Prehospital Administration of Retavase® for ST elevation MI – the Early Retavase® (ER)-TIMI 19 Trial.

Co-Investigator – STEP AMI – An Open Study, with Blinded Endpoint Assessment, to Assess the Safety, Tolerability and the Effect on Coronary Artery Patency of Intravenous AR-C69931MX as both Monotherapy and Adjunct to Activase in Patients with ST-elevation Myocardial Infarction.

Co-Investigator – MICCAT (MICardis Community Access Trial) An Phase IV – Open label evaluation of the effectiveness of Micardis® (telmisartan) on blood pressure control and quality of life in patients with essential hypertension.

Co-Investigator – VALIANT Trial Phase III (VALsartan In Acute myocardial iNfarcTion): A multinational, multicenter, double-blind, randomized, active controlled, parallel group study comparing the efficacy and safety of long-term treatment with Valsartan, Captopril and their combination in high risk patients after myocardial infarction.

Co-Investigator – VALIANT REGISTRY SUBSTUDY : VALIANT Trial Phase III (VALsartan In Acute myocardial iNfarcTion): A multinational, multicenter, double-blind, randomized, active controlled, parallel group study comparing the efficacy and safety of long-term treatment with Valsartan, Captopril and their combination in high risk patients after myocardial infarction.

Co-Investigator – EPHESUS – IE-99-02-035, Clinical protocol for a double blind, randomized, placebo-controlled trial to evaluating the safety and efficacy of eplerenone in patients with heart failure following acute myocardial infarction.

Co-Investigator – GUSTO IV AMI (Protocol CO116T31): A phase III, randomized, open-label trial evaluating the efficacy and safety of ReoPro™ (ABCIXIMAB) in combination with reduced dose Retavase™ / Rapilysin™ (Recombinant Plasminogen Activator, Reteplase, r-PA) for the treatment of acute myocardial infarction.

Co-Investigator – Paragon B Trial: A randomized, double-blind, placebo-controlled study of Lamifiban (RO44-9883) in patients with unstable angina/nonQ wave myocardial infarction.

Co-Investigator – PACT trial (Plasminogen-Activator Angioplasty Compatibility Trial) A randomized, double-blind placebo controlled study assessing clinical efficacy of bolus infusion TPA to placebo in acute MI patients with rescue angioplasty.

Co-Investigator – Coumadin, Aspirin and Reinfarction Study; "CARS" Dup 647-003-459. A randomized, double-blind study to compare the efficacy and safety of fixed low doses of Coumadin plus aspirin to aspirin alone in the prevention of reinfarction, cardiovascular death, and stroke in post-myocardial infarction patients.

Co-Investigator – CARS (Coumadin, Aspirin and Reinfarction Study) EKG Substudy Dup647-003-459. A randomized, double-blind study to compare the efficacy and safety of fixed low doses of Coumadin plus aspirin to aspirin alone in the prevention of reinfarction, cardiovascular death, and stroke in post-myocardial infarction patients.

Co-Investigator – CardioGenesis Transmyocardial Revascularization (TMR) System: To evaluate the safety and efficacy of the CardioGenesis TMR System when used for TMR performed as an adjunct to CABG in patients with angina resulting from coronary artery disease which is only partially treatable by CABG.
Co-Investigator – TMR012-A. A Single-Blind Randomized Study of the Safety and Effectiveness of Percutaneous Transluminal Myocardial Revascularization (PTMR) Performed with the Eclipse Holmium Laser as an Adjunct to Percutaneous Coronary Intervention

Co-Investigator – IMDUR (Isosorbide Mononitrate) Patient Acceptability Program. A study comparing the efficacy, safety and ease of use of three FDA-approved formulations; IMDUR, ISDN, and ISMO. The study design assesses if patients with stable angina pectoris benefit in terms of fewer anginal attacks, increased exercise tolerance, simplicity and convenience of use.

Clinical Investigator – Multicenter trial prospectively evaluating the natural history of transplant coronary artery disease (TCAD) assessed by intravascular ultrasound (IVUS).

Randomized trial on the effects of lipid lowering with Pravastatin on cardiac transplant rejection and TCAD assessed by IVUS.

Co-Investigator - (NRMI) National Registry for Myocardial Infarction.

Co-Investigator – Extra Point. Protocol # S1710202. Cardiovascular Safety Study of Nicotine Transdermal System.