

CLAYTON E. BREDLAU, M.D.
CURRICULUM VITAE

The Heart & Vascular Center of Sarasota, Inc.
1215 S. East Ave, Suite 303
Sarasota, FL 34239

EDUCATION

1968-1972 Harvard University
 Cambridge, Massachusetts – B.A.
 Graduated Cum Laude

1974-1978 University of Cincinnati
 School of Medicine
 Cincinnati, Ohio

1978-1979 Internship in Internal Medicine
 Albany Medical Center
 Albany, New York

1979-1981 Resident in Internal Medicine
 Albany Medical Center
 Albany, New York

1981-1984 Fellowship in Cardiology
 Emory University – School of Medicine
 Atlanta, Georgia

1984 – 1985 Fellowship in Coronary Angioplasty
 Emory University – School of Medicine
 Atlanta, Georgia

POST-GRADUATE TRAINING

January 2017 American College of Cardiology
 Cardiovascular Conference in Snowmass/ CO

August 2016 Expanding Your Practice to Include Complete Revascularization in High Risk
 Indicated Patients - CHIP / Seattle, WA
 Sponsored by the Cardiovascular Research Foundation

March 2016 ACCME Interventional Cardiology 2016 31st Annual International Symposium
 Snowmass Village/ CO

June 2016	University of Miami Leonard M. Miller School Of Medicine Medical Errors Prevention
July 2015	American College of Cardiology Foundation ECHO SAP 7
October 2014	The Heart Hospital in Baylor/ Plano, TX Medtronic Pacemaker Implant Program
August 2014	University of Cincinnati: RPVI eCourse Review Vascular Physics Modules And Vascular Specialty Modules
July 2014	Eisenhower Desert Cardiology Center: Pacemaker Implant Training Program
May 2014	American College of Cardiology Foundation: Echo SAP 7
March 2014	American College of Cardiology Foundation: 2013 Recent Advances in Clinical Nuclear Cardiology and Cardiac CT
November 2013	Sarasota Memorial Health Care System: Domestic Violence and Medical Error Prevention
October 2013	Perelman School of Medicine: 2013 Update in Cardiovascular Disease
January 2013	Perelman School of Medicine: Communication- Subspecialist Module
December 2012	Perelman School of Medicine: 2010 Update in Hospital- based Internal Medicine Update
December 2012	Perelman School of Medicine: 2010 Update in Clinical Cardiac Electrophysiology
November 2012	Perelman School Of Medicine: 2012 Update in Cardiovascular Disease
November 2012	Perelman School Of Medicine: 2010 Update in Cardiovascular Disease
August 2012	Peripheral Training Course by Dr. Gino Sedillo at Manatee Memorial Hospital. Observed 10 cases over 2 days and participated in discussions on device selection, techniques and advances in peripheral intervention.
August 2012	Perelman School Of Medicine: 2012 Update in Interventional Cardiology
August 2012	Perelman School Of Medicine: 2011 Update in Interventional Cardiology
August 2012	Perelman School Of Medicine: 2010 Update in Interventional Cardiology

September 2011	Mayo Clinic Interventional Cardiology Board Review Rochester, MN
September 2010	5 th Annual “The Beat Goes On” American Society of Echocardiography Orlando, FL
January 2010	41 st Cardiovascular Conference at Snowmass American College of Cardiology Snowmass, CO
October 2008	Transcatheter Cardiovascular Therapeutics Washington, D.C.
January 2008	39 th Annual Cardiovascular Conference at Snowmass American College of Cardiology Snowmass, CO
October 2007	2 nd Annual The Beat Goes On American Society of Echocardiography Orlando, FL
May 2007	15 th Annual Cardiac SPECT, PET and CT Symposium and Workshop St. Luke`s and Roosevelt Hospitals Orlando, FL
January 2007	38 th Annual Cardiovascular Conference at Snowmass American College of Cardiology Snowmass, CO
January 2006	37 th Annual Cardiovascular Conference at Snowmass American College of Cardiology Snowmass, CO
October 2005	Transcatheter Cardiovascular Therapeutics Washington, D.C.
September 2003	Transcatheter Cardiovascular Therapeutics Washington, D.C.
January 2002	Domestic Violence Home Study Educators, Inc.
January 2002	HIV/AIDS & TB Issues

Home Study Educators, Inc.

October 2001 The ACC/SCA & I Board Review Program in Interventional Cardiology
Atlanta, Georgia

September 2001 Cardiovascular Research Foundation
Transcatheter Cardiovascular Therapeutics 2001
Washington, D.C.

October 2000 Transcatheter Cardiovascular Therapeutics 2000
Miami Valley Hospital Continuing Ed

October 2000 Interventional Cardiology Self-Assessment Course

December 2000 “Cardioquest 2000”: Revolutionizing Ischemic Vascular Disease
Management

October 1999 Kos Pharmaceuticals Berkeley Heartlab, Inc.
“The Role of Metabolic Disorders in Coronary Heart Disease”

September 1999 Cardiovascular Research Foundation
“Transcatheter Cardiovascular Therapeutics 11”
Washington, D.C.

October 1998 Cardiovascular Institute of Sarasota Foundation
Participation of the 11th Annual/7th International Cardiovascular
Symposium
China

May 1998 Society of Vascular Technology
Vascular Conference

April 1998 Rotablator System Training Program
Scimed Corporation

March 1998 Coronary Intravascular Ultrasound Course
Guidant

December 1997 Domestic Violence, HIV/AIDS
Medical Education Group Learning Systems
Jacksonville, FL

September 1997 Transcatheter Cardiovascular Therapeutics – 1997
Washington Hospital Center
Washington, D.C.

February 1997	Sixth Annual Cardiovascular Conference at Beaver Creek, Colorado Internal Medicine Division of Cardiology
January 1997	Cardiovascular Conference at Snowmass American College of Cardiology Snowmass, Colorado
September 1996	7 th Annual Live Demonstrations Advanced Techniques in Endovascular Therapy Birmingham, Alabama
February 1996	Cardiac Patient Care through the Next Decade: Comparisons in Treatments and Outcomes between Primary Care Physicians and Cardiologists Sarasota Memorial Hospital Sarasota, Florida
January 1996	Risk Management, HIV/AIDS and Bloodborne Pathogens Medical Education Group Learning Systems
January 1996	HIV Seminar and Domestic Violence Doctors Hospital of Sarasota Sarasota, Florida
January 1996	Domestic Violence and HIV St. Paul Lutheran Church Doctors Hospital
January 1996	Cardiovascular Conference at Snowmass American College of Cardiology Snowmass, Colorado
January 1995	Cardiovascular Conference at Snowmass American College of Cardiology Snowmass, Colorado
November 1993	Gianturco-Roubin Flex-stent Coronary Stent Workshop
September 1992	Live demonstration course in PTCA Special emphasis: New Stenting, DCA, & Laser Techniques University of Alabama Birmingham, Alabama
April 1991	DVI Directional Coronary Atherectomy Course Washington, D.C.

August 1989	Nuclear Medicine Education Program Medical Radiation Protection Boulder, Colorado
July 1989	Nuclear Medicine Education Program Medical Radiation Instrumentation Boulder, Colorado
July 1989	Nuclear Medicine Education Program The Principles of Radiation Physics Boulder, Colorado
May 1989	Peripheral Vascular and Coronary Interventions St. Lukes Medical Center Milwaukee, Wisconsin
December 1988	Direct Laser Angioplasty Symposium University of Minnesota Minneapolis, Minnesota
April 1988	Peripheral Angioplasty for Interventionists St. Lukes Medical Center Milwaukee, Wisconsin
December 1987	Peripheral Vascular Radiology Tutorial Dr. Mark Wholey Shadyside Hospital Pittsburgh, Pennsylvania
March 1987	Balloon Valvuloplasty Central Hospital University De Rouen, France
September 1986	PTA XVI Emory University – School of Medicine Atlanta, Georgia
September 1986	Doppler Echocardiography Seminar Bowman Gray School of Medicine Wake Forest University Innsbrook, Florida

PROFESSIONAL PRACTICE

- 2002 – Present The Heart & Vascular Center of Sarasota, Inc.
1215 S. East Ave, Suite 303
Sarasota, Florida 34239
(new address as of 11/01/2018, prior to that 1851 Hawthorne St., Sarasota, FL 34239)
- 2001 – 2002 Heart Center, Inc.
1540 S. Tamiami Tr.
Sarasota, Florida 34239
- 1991 – 2001 Heart & Vascular Center of Florida
1540 S. Tamiami Tr.
Sarasota, Florida 34239
- 1999 – 2001 Comprehensive Clinical Research Institute
1540 S. Tamiami Tr.
Sarasota, Florida 34239
- 1988 – 1991 Private Cardiology Practice
Clayton E. Bredlau, M.D.
Sarasota, Florida
- 1986 – 1988 Group Cardiology Practice
Gene Myers, M.D., P.A.
Sarasota, Florida
- 1985 Group Cardiology Practice
Dwight Clark, M.D., P.A.
Memphis, Tennessee

LICENSURES AND CERTIFICATIONS

- 2015 American Registry for Diagnostic Medical Sonography
Subspecialty: Physicians Vascular Interpretation
ARDMS Number:187215
- 2012 American Board of Internal Medicine
Subspecialty: Interventional Cardiology (No. 82745)
(exp 12/31/2023)
- 1986 State of Florida Medical License (No. ME0047532)
- 1983 American Board of Internal Medicine
Subspecialty: Cardiovascular Disease (No. 82745)

1981 American Board of Internal Medicine (No. 082745)
1981 – 1983 State of Georgia Medical License (No. 022721)
1976, 1978, 1979 National Board Examination (No. 198244)

PROFESSIONAL AFFILIATIONS

American College of Physicians
American Heart Association
American College of Cardiology
American Medical Association

TRAVEL EXPERIENCE

1978 Senior Medical School Electives – Internal Medicine
Alaska Native Hospital
Anchorage and Kotsubue, Alaska
1978 Cardiology
Beth Israel Hospital
Boston, Massachusetts
1978 Renal
University Hospital
Boston, Massachusetts
1978 Hematology
Boston City Hospital
Boston, Massachusetts
1973 – 1974 Traveled extensively in 33 countries throughout Europe, Africa and Asia

CLINICAL RESEARCH

2012 – 2014 TAKEDA
A Multicenter, Randomized, Double-Blind, Placebo-Controlled, Phase 3
Study to Evaluate Cardiovascular Outcomes of TAK-875, 50 mg in
Addition to Standard of Care in Subjects with Type 2 Diabetes and with

Cardiovascular Disease or Multiple Risk Factors for Cardiovascular Events. Study Number: TAK-875_306

- 2011 - present **MERCK**
Protocol Title: A worldwide, multi-center, double –blind, randomized , Parallel, placebo –controlled, 12 week study to evaluate the efficacy and Safety of extended release (ER) Niacin / Laropiprant when added to on-Going lipid-modifying therapy in patients with primary hypercholesterol-Emia or mixed dyslipedemia.
Protocol Number: MK0524A
- 2011 – present **NOVARTIS**
Protocol Title: A randomized, double –blind, placebo controlled , event – Driven trial of quarterly subcutaneous canakinumab in the prevention Of recurrent cardiovascular events among stable post MI patients with Elevated hsCRP
Protocol Number CACZ885M2301
- 2010 – present **VIVID** An 8 week Randomized, Double-Blind, Parallel Group, Multi-Center, Active Controlled Study to Evaluate the Antihypertensive Efficacy and Safety of Aliskiren Administered in Combination with Valsartan versus Valsartan alone in Hypertensive Patients with Type 2 Diabetes Mellitus, Novartis
- 2009 – 2010 A Randomized, Double-Blind, Active-Controlled, Multicenter Study of Patients with Cardiovascular Disease and Diabetes Mellitus Not Adequately Controlled with Simvastatin XXmg or Atorvastatin XXmg: A Comparison of Switching to a Combination Tablet Ezetimibe/Simvastatin (XXmg/XXmg) Versus Switching to Rosuvastatin XXmg or Doubling the Statin Dose, Merck & Co., Inc.
- 2008 – 2011 **ARISTOTLE** A Phase 3, Active (Warfarin) Controlled, Randomized, Double-Blind, Parallel arm Study to Evaluate Efficacy and Safety of Apixaban in Preventing Stroke and Systemic Embolism in Subjects with Nonvalvular Atrial Fibrillation, Bristol-Myers Squibb
- 2007 – Present **PRECISION** A Randomized, Double Blind, Parallel-Group Study Of Cardiovascular Safety In Osteoarthritis of Rheumatoid Arthritis Patients With or at High Risk for Cardiovascular Disease Comparing Celecoxib with Naproxen and Ibuprofen, Pfizer
- 2001 – Present **TRAP™** Vascular Filtration System Devices or a Control Group without Use of the System, Microvena, Phase II
- 2000 – 2001 **SPORTIF** Efficacy and Safety Study V: of the Oral Direct

Thrombin Inhibitor H 376/95 Compared with Dose-Adjusted Warfarin (Coumadin) in the Prevention of Stroke and Systemic Embolic Events in Patients with Atrial Fibrillation, AstraZeneca

- 2000 **Ritz 4:** A double-blind, parallel-group, multi-center, randomized, placebo-controlled research study to assess the efficacy and safety of Ro 61-0612 (tezosentan) in patients with acute heart failure associated with acute coronary syndrome, ACTELION, Ltd.
- 2000 – 2001 **Belles:** Study to evaluate the efficacy of Lipitor 80mg/day vs. Pravachol 40mg/day on the total coronary calcium volume score as determined by electron beam computed tomography (EBCT), Parke-Davis/Pfizer
- 2000 **Target:** A Randomized, Double Blind, Abciximab-Controlled Study to Evaluate the Efficacy of Tirofiban in Patients Undergoing PCI w/Intracoronary Stent Placement, Merck, Phase V
- 2000 – Present **Schering-Plough w/CHD:** Double Blinded Efficacy and Safety of SCH 58235 in Addition to Atorvastatin in Subjects with CHD or Multiple risk factors and with primary Hypercholesterolemia not controlled by starting dose Atorvastatin, Schering-Plough, Phase III
- 2000 – 2001 **SAGE:** A Prospective, Randomized, Double Blind Study Comparing the Effects of Atorvastatin vs. Pravastatin on the reduction of ischemic events in the elderly as measured by Holter monitoring, Parke-Davis/Pfizer, Phase IIIB
- 2000 **A to Z:** Efficacy and Tolerability of Early Treatment with Simvastatin in Tirofiban – Treated ACS Pts., Merck, Phase IV
- 1999 – 2002 **CREDO: Clopidogrel for Reduction of Events During Observation.** Bristol Myers Squibb/Sanofi, Phase III
- 1999 – 2001 Sub-Investigator, **GUSTO IV AMI:** Reopro & rPA & Heparin vs. rPA & Heparin Centocor, Phase III
- 1999 – 2000 **Pletal: Intermittent Claudication Secondary to PAD.** Pletal vs. Trental vs. Placebo, Otsuka, Phase IV
- 1999 – 2000 **Presto: Pts. having undergone a successful PTCR.** Tranilast vs. Placebo, SmithKline Beecham, Phase III
- 1999 Sub-Investigator, **BRAVO: Vascular Occlusion Prevention.** Blockade of the GPIIB/IIIA Receptor, SmithKline Beecham, Phase III

- 1999 Sub-Investigator, **ACUTE II: Unstable Angina/NonQ-wave MI.** Enoxaparin vs. unfractionated Heparin in combination with Tirofiban or ASA, Merck, Phase IV
- 1999 – 2000 Sub-Investigator, **HERO II: Acute MI Study.** Hirulog vs. Heparin with Strepto-Kinase, Medicine Company/Duke University, Phase II
- 1999 – 2000 Sub-Investigator, **Amistad II: Acute Anterolateral Myocardial Infarction.** Adenosine as an Adjunct to Reperfusion Therapy
- 1998-1999 Sub-Investigator, **Lipitor TNT: LDL Cholesterol Lowering.** Atorvastatin dose finding, Parke-Davis and Pfizer, Phase IV
- 1997 – 1998 Sub-Investigator, **Tactics – Timi 18: Acute Coronary Syndrome Trial.** IV Aggrastat with Invasive (Cath Lab) vs. Conservative (Medical) treatment with 48 hours, Merck, Phase II
- 1997 – 1998 Sub-Investigator, **Timi 14A: Acute MI Angiography Trial.** tPA/rPA + reopro + low dose heparin, Centcor, Phase II
- 1997 – 1998 Sub-Investigator, Inovex, **Excite** Interventional Study. Xemilofiban vs. Placebo; Pre-treatment prior to PTCR (PTCA, DCA, Stent)
- 1997 – 1998 Sub-Investigator, Hoffman-LaRoche, **Symphony** Clinical Trial. Sibrafiban vs. Aspirin Phase III; Oral GP IIb/IIIa Anti-platelet Study. Ishemic Heart Events Post Acute Coronary Syndrome
- 1982 – 1984 “Somatomedin & Homocystine – Potential Risk Factors for Coronary Artery Disease” Emory University School of Medicine. Atlanta, Georgia
- 1982 – 1984 “Treatment of Left Ventricular Mural Thrombus During CABG in the Absence of Ventricular Aneurysm” Emory University School of Medicine. Atlanta, Georgia
- 1982 – 1984 “Prosthetic Valve Endocarditis – The Emory Experience” Emory University School of Medicine. Atlanta, Georgia
- 1972 – 1973 “Biochemistry of Cataract Lens Formation”. Massachusetts General Hospital – Ophthalmology Department. Boston, Massachusetts
- 1972 Undergraduate Biochemistry Thesis. “Michaelis Menton Kinetics of Poly-Adenosine Diphosphateribose Control Mechanisms of DNA Dynthesis”

HOSPITAL AFFILIATIONS

Sarasota Memorial Hospital
1700 South Tamiami Trail
Sarasota, FL 34239

Columbia Doctor's Hospital of Sarasota
5731 Bee Ridge Rd.
Sarasota, FL 34233

PUBLICATIONS

Bredlau CE, Roubin GS, Leimgruber PP, Douglas JS, King SB, Gruentzig AR, (1984). In-hospital morbidity and mortality in elective coronary angioplasty. Circulation, 72 (5), 1044-52.

Leimgruber PP, Roubin GS, Anderson H, Bredlau CE, Whitworth HB, Douglas JS, King SB, Gruentzig AR, (1985). Influence of intimal dissection on restenosis after successful coronary angioplasty. Circulation, 72 (3), 530-535.

Pollak SJ, Kertes PJ, Bredlau CE, Walter PF, (1984). Influence of left ventricular function on signal averaged late potentials in patients with coronary artery disease with and without ventricular tachycardia. American Heart Journal, 110 (4); 747-52.