

CURRICULUM VITAE

NAME: **Eileen Handberg, PhD, ARNP-BC, FAHA, FACC**

CURRENT POSITION: Professor of Medicine
Director, Clinical Trials Program
Division of Cardiovascular Medicine
Program Co-Director One Florida
Program Director, Florida CARES
Department of Medicine
University of Florida College of Medicine
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DATE OF BIRTH: February 9, 1959

PLACE OF BIRTH: Oklahoma City, OK

MARITAL STATUS: Single

LICENSURE: Florida State Board of Nursing
Registered Nurse 1230412, 1981
Dual RN/ARNP AN 123041C

Colorado State Board of Nursing
Registered Nurse 75285, 1983-inactive

CERTIFICATION: ANCC Board Certified Adult Nurse Practitioner-2019
American Heart Association
Basic Life Support Instructor-Current
Advanced Cardiac Life Support Provider

Instructor, 1985-1993, 2003-2010
Pediatric Advanced Life Support Instructor

EDUCATION

University of Florida Gainesville, Florida	1993-1998	Ph.D.
University of Florida Gainesville, Florida	1991	A.R.N.P.
University of Florida Gainesville, Florida	1986-1989	M.S.N.
Florida State University Tallahassee, Florida	1979-1980	B.S.N.
Miami-Dade Community College Miami, Florida	1977-1979	A.A.

MEMBERSHIPS

American College of Cardiology, 2003-current, Fellow, 2008-current
American Nurses Association, 2009-current
American Heart Association, FAHA 2007-current
American College of Nurse Practitioners, 2000-current
American Association of Critical Care Nurses, 1993
American Academy of Nurse Practitioners, 1993-current
National Flight Nurse Association, 1992
Preventive Cardiovascular Nurses Association, 2007-current
American Heart Association, Council of Cardiovascular Nursing, 1989-current
Sigma Theta Tau, 1987-current

HONORS

CCTRN Outstanding Performance Award	2007-2011
University of Florida, Superior Accomplishment Award	2008-2009
American College of Cardiology, Outstanding Achievement Award	2007
University of Florida, Continuing Medical Education Committee Distinguished Service Award	2000
Who's Who in American Nursing, Marquis	1995-96

EXPERIENCE

2016-present	Research Professor of Medicine Director, Clinical Programs Division of Cardiovascular Medicine University of Florida, College of Medicine
2006-2016	Research Associate Professor of Medicine Director, Clinical Programs Division of Cardiovascular Medicine University of Florida, College of Medicine
2004-2006	Research Assistant Professor of Medicine Director, Clinical Programs Division of Cardiovascular Medicine University of Florida, College of Medicine
1998-2004	Assistant Professor of Medicine Director, Clinical Programs Division of Cardiovascular Medicine University of Florida, College of Medicine
1996-1999	Adult Registered Nurse Practitioner Cardiology Associates of Gainesville
1995-1998	Assistant Director, Clinical Programs Division of Cardiovascular Medicine University of Florida, College of Medicine
1987-present	Research Coordinator (WOC) Veterans Affairs Medical Center Gainesville, FL
1992-1995	Coordinator, Clinical Programs Division of Cardiovascular Medicine University of Florida, College of Medicine
1989-1992	Assistant in Medicine Division of Cardiovascular Medicine University of Florida, College of Medicine
1987-1989	Registered Nursing Consultant Department of Medicine University of Florida

Gainesville, FL 32610

1987-1994	Staff Nurse (P.R.N.) Emergency Room
1986-1996	Cardiac Cath Lab Staff Nurse (P.R.N.)
1986-1992	Flight Nurse- STAT Flight
1982-1986	Charge Nurse-Medical Intensive Care
1981-1982	Staff Nurse-Surgical Intensive Care Alachua General Hospital Gainesville, FL

PRACTICE SITES

UF Health Cardiology–Shands Hospital
1600 SW Archer Road
Gainesville, FL 32610

UF Health Cardiology–Springhill
4037 NW 86th Terrace
Gainesville, FL 32606

UNIVERSITY COMMITTEE AND ADMINISTRATIVE RESPONSIBILITIES

UF College of Medicine, Multi-Mission Promotion Committee	2017-2020
UF College of Medicine, Medical Specialties POD Physician Advisory Committee	2012-2013
University of Florida Clinical Staff Safety Committee Representative	2003-2008
University of Florida Institutional Review Board Member (2000-2002) Alternate (2002-present)	2000-present
UF College of Medicine Continuing Medical Education Committee Division of Cardiovascular Medicine Representative	1996-present

PROGRAM DEVELOPMENT AND MANAGEMENT ACTIVITIES

Program Co-Director, OneFlorida	2016-present
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This is a 10 Partner Clinical Data Research Network that provides an infrastructure to conduct research utilizing a Data Trust which holds electronic health records from all partners, all located in the State of Florida.

Program Director, Florida CARES	2004-present
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This program was formally UF CARES, and was closed. The program was reopened with the assistance of a patient safety grant from the Florida Legislature in 2004 as a collaboration between all Florida medical Schools. The program is one of 10 in the U.S., and takes referrals from boards of medicine, hospitals, and other agencies to assess practitioner competency.

Medical Directors-Nikolaus Gravenstein, M.D., Eric Rosenberg, M.D.

UF HSC Simulation Center Development Group 2004-2005

Self-Insurance Program Clinical Staff Steering Committee Development 2001-2004

Worked with development team to establish a plan for an evidenced based risk management program that would utilize research data to guide the develop of educational materials designed to change practice patterns, and ultimately reduce malpractice claims. In addition the CSSC has a goal of promoting the UF SIP and its effective risk management program to its insurance carriers, and to other institutions and practitioners.

Vascular Biology Working Group 1994-present

CME Liaison/Program Director for Vascular Biology Working

Group International/National Educational Program Developed at UF, Chaired by Dr. Carl J. Pepine. The program serves as a forum for periodic review, exchange, and assimilation of findings from vascular biology research for dissemination to the clinical medicine community. A key objective is to develop a consensus on practical guidelines for the care of patients with coronary artery disease. The VBWG has provided over 1000 educational programs in the area of vascular biology since inception. There is an active website, www.VBWG.org, which houses a vast slide curriculum, enduring educational programs and updates in the area of vascular biology emerging science. Dr. Handberg's responsibilities include program development and management.

Cardiology Clinical Trials Section 1995-present

Director, Clinical Trials Program, Division of Cardiovascular Medicine

Responsible for the management of the clinical trials program which is the largest clinical research program within the Department of Medicine, with annual funding over \$12 million for the past 5 years. Currently there are over 50 IRB approved projects conducted by the Cardiology Faculty, including NIH, AHA, DOH, and industry sponsored projects. The focus of the program is investigator initiated projects funded by the NIH, AHA or industry.

COMMITTEE AND ADMINISTRATIVE RESPONSIBILITIES IN ORGANIZED PROFESSIONAL ORGANIZATIONS

American Nurses Foundation, Nursing Research Grant Review Committee	2017-present
Cardiovascular Team Council, Chair Elect American College of Cardiology	2017-2019
American College of Cardiology Prevention Committee- PCNA representative	2017-2019
Preventive Cardiovascular Nurses Association Board of Directors	2016-present
Annual Scientific Session, American College of Cardiology- At-Large Member	2015-2016
Health Policy Statement on Team Based Care Committee-Co-Chair	2014-2015
Population Health Statement on Team Based Care, American College of Cardiology	2014-2017
Cardiometabolic Work Group, American College of Cardiology	2014-2017
Compensation Committee, American College of Cardiology	2013-2016
Cardiovascular Team Council, Chair Elect American College of Cardiology	2013-2017
CEO Search Committee, American College of Cardiology	2012-2013
Anticoagulation Consortium, American College of Cardiology	2012-2015
Trustee, Board of Trustees, American College of Cardiology	2011-2016
Best Practice & Quality Improvement Subcommittee, Clinical Quality Committee, American College of Cardiology	2011-2015
Cardiovascular Care Summit Planning Committee, American College of Cardiology	2011-2012
Patient Centered Care Committee, American College of Cardiology	2010-2016
Nurse Education Committee, Interim Chair,	

American College of Cardiology	2009-2012
Annual Scientific Session Program Committee, American College of Cardiology	2009-2011
Preventive Cardiovascular Nurses Association Abstract Review Committee	2008-2012
Accreditation Committee, American College of Cardiology	2007-2010
Nursing Education Committee, American College of Cardiology-Chair	2003-2009
Cardiac Care Associate Representative (Florida Chapter)	2006-2009
Accreditation Committee, American College of Cardiology	2005-2007
Chair, Writing Group to Establish ANA Scope and Standards for Cardiovascular Nursing	2014-2015 2005-2006
American Heart Association Peer Review Behavioral Science, Epidemiology & Prevention 2 Study Group	2004-2008
Live Programs Working Group, American College of Cardiology	2004-2006
Task Force to Design the Scientific Sessions of the Future, American College of Cardiology	2004
Strategic Education Directions Committee American College of Cardiology	2003-2007
Strategic Education Directions Committee American College of Cardiology	2003-2006
Cardiac Care Team Committee, American College of Cardiology	2003-2005

APPOINTMENTS FOR CLINICAL RESEARCH ACTIVITIES

Recruitment Investigator Women's Health Initiative (WHI) National Heart, Lung, Blood Institute	1995-1998
Nursing Subcommittee (Chair) Respit Trial Sponsor-Otsuka Pharmaceuticals	1993-1995

Executive Steering Committee FIRST Trial Sponsor-BurroughsWelcome	1992-1998
Assistant to the Study Chairman Asymptomatic Cardiac Ischemia Pilot (ACIP) National Heart, Lung, Blood Institute	12/90-6/94
Project Coordinator, University of Florida SOLVD Center, National Heart, Lung, Blood Institute. Grant No. N01-HC-65031	1988-1992
Nursing Research Committee, SOLVD Project	1989-1991
Nursing Research Committee, PROMISE Trial: Sterling Research Project MIL-1064	1989-1991

FEDERAL/STATE or INDUSTRY GRANT FUNDING

PR161603 (Pepine) 10/1/2017 – 09/30/2021. DoD CDMRP Ischemia-Intensive Medical Treatment Reduces Events in Women with Nonobstructive CAD. Role: Co-Investigator.

5 R21 AG050203 (Christou) 4/1/2015 – 3/31/2017. NIH/NIA Endothelial Dysfunction in Older Adults with Type 2 Diabetes: Effect of Exercise. Role: Co-Investigator.

5 R01 AG042525 (Manini) 7/15/2013 – 6/30/2018. NIH/NIA Metabolic Costs of Daily Activities in Older Adults. Role: Co-Investigator.

5 UM1 HL087366 (Pepine) 1/1/2012 – 2/28/2019. NIH/NHLBI UFRCC for Cardiovascular Cell Therapy Research Network (CCTR2N 2). Role: Co-Investigator.

5 U01 AG022376-09 (Pahor) 9/30/2003 – 11/30/2015. NIH/NIA PEAR—Physical Exercise to Prevent Disability. Role: Co-Investigator for the ECG Core.

5 U01 HL087366 (Pepine) 1/1/2007 – 12/31/2011. NIH/NHLBI UFCC for Cardiovascular Cell Therapy Research Network. Role: Co-Investigator.

NIH/NHLBI 1 RO1 HL090957 (Bairey Merz, Pepine) 9/2008-6/2012. Women's Ischemia Syndrome Evaluation (WISE) Coronary Vascular Dysfunction. Role: Co-Investigator.

Cleveland Clinic and Pfizer, PRECISION (Pepine) 10/2006-12/2010. Prospective Randomized Evaluation of Celecoxib Integrated Safety vs. Ibuprofen or Naproxen. Role: Co-Investigator.

Fujisawa \$50,000, 2003-2010. Retinal Photography in Women with Chest Pain (WISE/ARIC) Collaboration. **E. Handberg, PhD, PI.**

GlaxoSmithKline, STABILITY (Pepine) 10/2008-10/2012. A Clinical Outcomes Study of Darapladib versus Placebo in Subjects with Chronic Coronary Heart Disease to Compare the Incidence of Major Adverse Cardiovascular Events. Role: Co-Investigator.

Pfizer, SILDENAFIL (Pepine) 8/2001-11/2010. Effect of Sildenafil on Coronary and Systemic Vascular Function in Women with Chest Pain. Role: Co-Investigator.

NB-302 Orexigen Therapeutics (Perri) 2/16/2007-02/16/2009. A Multicenter, Randomized, Double Blind, Placebo Controlled Study Comparing the Safety and Efficacy of Naltrexone Sustained Release (SR)/Bupropion Sustained Release (SR) and Placebo in Subjects with Obesity Participating in a Behavior Modification Program. Role: Co-Investigator.

Baxter Healthcare (24779) (Pepine) 7/2007-7/2008. A Double-Blind, Prospective, Randomized, Placebo-Controlled Study to Determine the Tolerability, Efficacy, Safety, and Does Range of Intramyocardial Injections of G-CSF Mobilized Auto-CD34+ Cells for Reduction of Angina Episodes in Patients with Refractory Chronic Myocardial Ischemia (*ACT34-CMI*). Role: Co-Investigator.

NHLBI-via DCRI \$75,000, 2003-2008. HF ACTION Trial. Effect of Exercise Training on Outcomes in Patients with Heart Failure. **E. Handberg, PhD, PI** (5/2005).

Florida Department of Health \$379,000, 2001-2004. Effect of Exercise Training on Decompensated Heart Failure Patients. **E. Handberg, PhD, PI.**

NHLBI \$418,894 (Pepine) 09/03/1996-08/31/2000. Evaluation of Ischemic Heart Disease in Women (EIHDW) now Women's Ischemia Syndrome Evaluation (WISE). Role: Co-Investigator.

NHLBI U01 HL64924-01 \$1,686,594 (direct costs) (Pepine) 7/2001-6/2005. Altered Renin Angiotensin System as a Mechanism for Coronary Microvascular Dysfunction in Women. Role: Co-Investigator.

NHLBI N01 HV68163 \$326,890 (direct costs) (Pepine) 9/1997-6/2003. Intracoronary Ultrasound Evaluation of Women with Chest Pain and Microvascular Dysfunction (WISE-IVUS): Substudy of the Women's Ischemia Syndrome Evaluation (WISE). Role: Co-Investigator.

American Heart Association \$60,000 (Samuel Sears, PhD) 7/2003-7/2005. Psychosocial Treatment to Optimize QoL in ICD Patients. Role: Co-Investigator.

DISSERTATION

Effect of Home Exercise Intervention in Patients with Decompensated Heart Failure.
Handberg-Thurmond, E. University of Florida, May 1998.

PATENT

U.S. Patent Application No. 08/811,445 for "Method and System for Interactive Prescription and Distribution of Prescriptions in Conducting Medical Studies" Conlon M, Marks RG, Padgett P, **Handberg-Thurmond EM**, Cooper-DeHoff R and Pepine CJ. Patent Issued - US Patent #5,991,731 issued 11/23/99.

PUBLICATIONS

BOOK

Handberg EM, Chair of Writing group. Cardiovascular Nursing: Scope and Standards of Practice. ANA, Silver Spring, MD, 2008

Handberg EM, Chair of Writing group. Cardiovascular Nursing: Scope and Standards of Practice. ANA, Silver Spring, MD, 2015

Handberg EM, Anderson RD, Editors. Acute Coronary Syndrome: Urgent and Follow-up Care. Volume 3 of Alpert J, Braun L, Fletcher B, Fletcher G (Editors-in-Chief): Cardiovascular Diseases: A Multidisciplinary Team Approach for Management and Prevention. Cardiotext Publishing, Minneapolis, MN, 2017

CHAPTERS

1. **Handberg E**, Mills RM. What Constitutes Quality in the Management of Heart Failure? In: Mills RM, Young JB, eds. Practical Approaches to the Treatment of Heart Failure. Baltimore: Williams & Wilkins, 1997. pp 184-197.
2. Kim CK, Ramachandrani S, **Handberg EM**, Schofield RS, Bragdon EE, Sheps DS. Effects of Exercise on Cardiovascular Health. In: Ohman EM, Runge M, Ohman ME, eds: Netter's Cardiology. Philadelphia: Saunders, 2003. pp 609-619.
3. Eubanks GT, Schofield RS, **Handberg EM**, Sheps DS. Effects of Exercise on Cardiovascular Health. In: Runge MS, Stouffer G, Patterson C, eds. Netter's Cardiology. 2nd ed. Philadelphia: Saunders, 2009. Ch 73.
4. **Handberg EM**, Limacher M. Cardiac Pain in Women. In: Chin ML, Fillingim RB, Ness TJ. Pain in Women: Current Concepts in the Understanding and Management of Common Painful Conditions in Females. Oxford University Press, Dec 2012. Ch 20.
5. Ruth G, Brown G, **Handberg E**, Anderson RD. Epidemiology. In: Handberg EM,

- Anderson RD, Editors. Acute Coronary Syndrome: Urgent and Follow-up Care. Volume 3 of Alpert J, Braun L, Fletcher B, Fletcher G (Editors-in-Chief): Cardiovascular Diseases: A Multidisciplinary Team Approach for Management and Prevention. Cardiotext Publishing, Minneapolis, MN, 2017
6. Ruth G, Brown G, **Handberg EM**, Anderson RD. Pathophysiology. In: Handberg EM, Anderson RD, Editors. Acute Coronary Syndrome: Urgent and Follow-up Care. Volume 3 of Alpert J, Braun L, Fletcher B, Fletcher G (Editors-in-Chief): Cardiovascular Diseases: A Multidisciplinary Team Approach for Management and Prevention. Cardiotext Publishing, Minneapolis, MN, 2017
 7. **Handberg E**, Anderson RD, Berra K. Transitions of Care in Acute Coronary Syndromes. In: Handberg EM, Anderson RD, Editors. Acute Coronary Syndrome: Urgent and Follow-up Care. Volume 3 of Alpert J, Braun L, Fletcher B, Fletcher G (Editors-in-Chief): Cardiovascular Diseases: A Multidisciplinary Team Approach for Management and Prevention. Cardiotext Publishing, Minneapolis, MN, 2017

PAPERS

1. **Handberg E**, Brotherson C, Wargovich TJ. Risk management in outpatient cardiac catheterization clinics. *Perspect Healthc Risk Manage*. 1991;11(2):16-20.
2. Pepine CJ, Cohn PF, Deedwania PC, Gibson RS, Gottlieb SO, **Handberg E**, Hill JA. The prognostic and economic implication of a strategy to detect and treat asymptomatic ischemia: the Atenolol Silent Ischemia Trial (ASIST) Protocol. *Clin Cardiol*. 1991;14(6):457-62.
3. **Handberg E**, Keith T, Rucinski P. Clot busters: The future of EMS thrombolytics. *J Emerg Med Serv*. 1992;17(4):74-83.
4. Gorkin L, Norvel NK, Rosen RC, Charles E, Shumaker SA, McIntyre KM, Capone RJ, Kostis J, Niaurua R, Woods P, Hosking J, Garces C, **Handberg E**, Ahern DK, Follick MJ for the SOLVD Investigators. Assessment of quality of life as observed from the baseline data of the Studies Of Left Ventricular Dysfunction (SOLVD) trial quality-of-life substudy. *Am J Cardiol*. 1993;71(12):1069-73.
5. Pepine CJ, Cohn PF, Deedwania PC, Gibson RS, Gottlieb SO, **Handberg E**, Hill JA, Miller E., Marks RG, Thadani U, for the ASIST Study Group. Effects of treatment on outcome in asymptomatic patients with ischemia during daily life: The Atenolol Silent Ischemia Study (ASIST). *Circulation*. 1994;90(2):762-8.
6. Pepine CJ, Abrams J, Marks RG, Morris JJ, Scheidt SS, **Handberg E**, for the TIDES Investigators. Characteristics of a contemporary population with angina pectoris. *Am J Cardiol*. 1994;74(3):226-31.

7. Pepine CJ, Lewis JF, Limacher MC, Conti CR, Grant MB, Wargovich TJ, Mehta JL, **Handberg E**. New insights into the pathophysiology of ischemic heart disease. *J Myocard Ischem.* 1995;7(6):236-42.
8. Pepine CJ, Lewis JF, Limacher MC, Conti CR, Mehta JL, **Handberg E**. Limitations of current diagnostic tests. *J Myocard Ischem.* 1995;7(6):251-3.
9. Pepine CJ, Lewis JF, Limacher MC, Conti RC, Mehta JL, **Handberg E**. Specific diagnostic problems in women. *J Myocard Ischem.* 1995;7(6):254-62.
10. Pepine CJ, Lewis JF, Limacher MC, Conti RC, Mehta JL, **Handberg E**, Grant MB, Wargovich TJ. Potential use of new diagnostic approaches in women. *J Myocard Ischem.* 1995;7(6):274-9.
11. Pepine CJ, Lewis JF, Limacher MC, Conti RC, Mehta JL, **Handberg E**. Interventions that may influence the course of CAD. Part I: ACE inhibitors, calcium antagonists, and lipid lowering agents. *J Myocard Ischem.* 1995;7(6):280-5.
12. Pepine CJ, Lewis JF, Limacher MC, Conti RC, Mehta JL, **Handberg E**, Grant MB, Wargovich TJ. Interventions that may influence the course of CAD. Part II: Estrogens and antioxidant vitamins. *J Myocard Ischem.* 1995;7(6):286-9.
13. Pepine CJ, Lewis JF, Limacher, **Handberg E**. Ongoing studies on ischemic heart disease in women. *J Myocard Ischem.* 1995;7(6):290-2.
14. Savage MP, Goldberg S, Bove AA, Deutsch E, Vetrovec G, Macdonald RG, Bass T, Margolis JR, Whitworth HB, Taussig A, Hirshfeld JW, Cowley M, Hill JA, Marks RG, Fischman DL, **Handberg E**, Herrmann H, Pepine CJ, for the M-HEART II Study Group. Effect of thromboxane A₂ blockade on clinical outcome and restenosis after successful coronary angioplasty: Multi-Hospital Eastern Atlantic Restenosis Trial (M-HEART II). *Circulation.* 1995;92(11):3194-3200.
15. Steingart RM, Forman S, Coglianese M, Bittner V, Mueller H, Frishman W, **Handberg E**, Gambino A, Knatterud G, Conti CR. Factors limiting the enrollment of women in a randomized coronary artery disease trial. The Asymptomatic Cardiac Ischemia Pilot (ACIP) Study Investigators. *Clin Cardiol.* 1996;19(8):614-8.
16. Califf RM, Adams KF, McKenna WJ, Gheorghade M, Uretsky BF, McNulty SE, Darius H, Schulman K, Zannad F, **Handberg-Thurmond E**, Harrell FE, Wheeler W, Soler-Soler J, Swedberg K. A randomized controlled trial of epoprostenol therapy for severe congestive heart failure: The Fiolan International Randomized Survival Trial (FIRST). *Am Heart J.* 1997;134(1):44-54.
17. Pepine CJ, Lopez LM, Bell DM, **Handberg-Thurmond EM**, Marks RG, McGorray S. Effects of intermittent transdermal nitroglycerin on occurrence of ischemia after patch removal: Results of the Second Transdermal Intermittent Dosing Evaluation Study (TIDES II). *J Am Coll Cardiol.* 1997;30(4):955-61.
18. Feigenbaum MS, Welsch MA, Brechue WF, **Handberg-Thurmond EM**, Pollock ML, Pepine CJ. Plasma volume changes with an acute bout of high-intensity exercise in men

- with chronic congestive heart failure secondary to coronary artery disease. *Am J Cardiol.* 1998;81(4):509-13.
19. **Handberg-Thurmond E**, Baker A, Coglianese ME, Forman S, Pepine CJ, Geller N, Chaitman B, for the ACIP Study Group. Identifying high yield sources of patients with coronary artery disease for clinical trials: Lessons from the Asymptomatic Cardiac Ischemia Pilot (ACIP) Experience. *Clin Cardiol.* 1998;21(3):177-82.
 20. Pepine CJ, **Handberg-Thurmond E**, Marks RG, Conlon M, Cooper-DeHoff R, Volkers P, Zillis P, for the INVEST Investigators. Rationale and design of the INternational VERapamil SR/Trandolapril STudy (INVEST): An Internet-based randomized trial in coronary artery disease patients with hypertension. *J Am Coll Cardiol.* 1998;32(5):1228-37.
 21. Bertolet BD, Boyette AF, **Handberg-Thurmond EM**, Wolf RA, Deitchman D, Blumenthal M, Pepine CJ. Digital assessment of the epicardial electrocardiogram: Novel methodology for a core laboratory for clinical studies. *Clin Cardiol.* 1999;22(4):311-5.
 22. Olson MB, Kelsey SF, Bittner V, Reis SE, Reichek N, **Handberg EM**, Merz CN, for the Women's Ischemia Syndrome Evaluation (WISE) study group. Weight cycling and high-density lipoprotein cholesterol in women: Evidence of an adverse effect. *J Am Coll Cardiol.* 2000;36(5):1565-71.
 23. Sears SF Jr, Rauch S, **Handberg E**, Conti JB. Fear of exertion following ICD storm: Considering ICD shock and learning history. *J Cardiopulm Rehabil.* 2001;21(1):47-9.
 24. Sears SF Jr, Burns JL, **Handberg E**, Sotile WM, Conti JB. Young at heart: Understanding the unique psychosocial adjustment of young implantable cardioverter defibrillator recipients. *Pacing Clin Electrophysiol.* 2001;24(7):1113-7.
 25. Pepine CJ, **Handberg EM**. The vascular biology of hypertension and atherosclerosis and intervention with calcium antagonist and angiotensin-converting enzyme inhibitors. *Clin Cardiol.* 2001;24(11 Suppl):V1-5.
 26. Erdine S, **Handberg EM**, Kolb B. Characteristics of patients with coronary artery disease and hypertension: A report from INVEST. *Clin Cardiol.* 2001;24(11Suppl):V6-8.
 27. Cooper-DeHoff R, **Handberg E**, Heissenberg C, Johnson K. Electronic prescribing via the Internet for a coronary artery disease and hypertension mega-trial. *Clin Cardiol.* 2001;24(11 Suppl):V14-16.
 28. Limacher M, **Handberg E**. Evaluating women with chest pain for the diagnosis of coronary artery disease. *Clin J Womens Health.* 2001;1(4):212-19.
 29. Limacher M, **Handberg E**. Evaluating women with chest pain for the diagnosis of coronary artery disease. *Dis Mon.* 2002;48(10):647-58.
 30. Pepine CJ, **Handberg EM**, Cooper-DeHoff, RM, Marks RG, Kowey P, Messerli FH, Mancina G, Cangiano JL, Garcia-Bareto D, Keltai M, Erdine S, Bristol HA, Kolb HR, Bakris GL, Cohen JD, Parmley WW, INVEST Investigators. A calcium antagonist vs a non-calcium antagonist hypertension treatment strategy for patients with coronary artery disease: The INternational VERapamil-Trandolapril STudy (INVEST): A

- randomized controlled trial. *JAMA*. 2003;290(21):2805-16.
31. von Mering GO, Arant CB, Wessel TR, McGorray SP, Bairey-Merz CN, Sharaf BL, Smith KM, Olson MB, Johnson BD, Sopko G, **Handberg E**, Pepine CJ, Kerensky RA, National Heart, Lung, and Blood Institute. Abnormal coronary vasomotion as a prognostic indicator of cardiovascular events in women: Results from the National Heart, Lung, and Blood Institute Women's Ischemia Syndrome Evaluation (WISE). *Circulation*. 2004;109(6):722-5.
 32. Urizar GG Jr, Sears SF Jr, **Handberg E**, Conti JB. Psychosocial intervention for a geriatric patient to address fears related implantable cardioverter defibrillator discharges. *Psychosomatics*. 2004;45(2):140-4.
 33. Glass DL, Rebstock J, **Handberg E**. Emergency Treatment and Labor Act (EMTALA): Avoiding the pitfalls. *J Perinat Neonatal Nurs*. 2004;18(2):103-14.
 34. Arant CB, Wessel TR, Olson MB, Bairey-Merz CN, Sopko G, Rogers WJ, Sharaf BL, Reis SE, Smith KM, Johnson BD, **Handberg E**, Mankad S, Pepine CJ, National Heart, Lung, and Blood Institute Women's Ischemia Syndrome Evaluation Study. Hemoglobin level is an independent predictor for adverse cardiovascular outcomes in women undergoing evaluation for chest pain: Results from the National Heart, Lung, and Blood Institute Women's Ischemia Syndrome Evaluation Study. *J Am Coll Cardiol*. 2004;43(11):2009-14.
 35. Sears SF, Kovacs AH, Conti JB, **Handberg E**. Expanding the scope of practice for cardiac rehabilitation: Managing patients with implantable cardioverter defibrillators. *J Cardiopulm Rehabil*. 2004;24(4):209-15.
 36. Ramachandruni S, **Handberg E**, Sheps DS. Acute and chronic psychological stress in coronary disease. *Curr Opin Cardiol*. 2004;19(5):494-9.
 37. Wessel TR, Arant CB, Olson MB, Johnson BD, Reis SE, Sharaf BL, Shaw LJ, **Handberg E**, Sopko G, Kelsey SF, Pepine CJ, Merz NB. Relationship of physical fitness vs body mass index with coronary artery disease and cardiovascular events in women. *JAMA*. 2004;292(10):1179-87.
 38. Cooper-DeHoff RM, **Handberg EM**, Cohen J, Kowey P, Messerli FH, Mancina G, Cangiano JL, Gaxiola E, Garcia-Barreto D, Hewkin AC, Pepine CJ; INVEST Investigators. Characteristics of contemporary patients with hypertension and coronary artery disease. *Clin Cardiol*. 2004;27(10):571-6.
 39. Johnson CE, **Handberg E**, Dobalian A, Gurol N, Pearson V. Improving perinatal and neonatal patient safety: The AHRQ patient safety indicators (Agency for Healthcare Research and Quality). *J Perinat Neonat Nurs*. 2005;19(1):15-23.
 40. Aranda JM Jr, Woo GW, Schofield RS, **Handberg EM**, Hill JA, Curtis AB, Sears SF, Goff JS, Pauly DF, Conti JB. Management of heart failure after cardiac resynchronization therapy: integrating advanced heart failure treatment with optimal device function. *J Am Coll Cardiol*. 2005;46:2193-8.
 41. Ried LD, Tueth MJ, **Handberg E**, Kupfer S, Pepine CJ. A Study of Antihypertensive

- Drugs and Depressive Symptoms (SADD-Sx) in patients treated with a calcium antagonist versus an atenolol hypertension treatment strategy in the INternational VErapamil SR-trandolapril Study (INVEST). *Psychosom Med*. 2005;67(3):398-406.
42. Olson MB, Krantz DS, Kelsey SF, Pepine CJ, Sopko G, **Handberg E**, Rogers WJ, Gierach GL, McClure CK, Bairey Merz CN for the WISE study group. Hostility scores are associated with increased risk of cardiovascular events in women undergoing coronary angiography: A report from the NHLBI-sponsored WISE study. *Psychosom Med*. 2005;67(4):546-52.
 43. Pepine CJ, Kowey PR, Kupfer S, Kollock RE, Benetos A, Mancia G, Coca A, Cooper-DeHoff RM, **Handberg E**, Gaxiola E, Sleight P, Conti CR, Hewkin AC, Tavazzi L; INVEST Investigators. Predictors of adverse outcome among patients with hypertension and coronary artery disease. *J Am Coll Cardiol*. 2006;47(3):547-51.
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ABSTRACTS

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STUDY GROUP MANUSCRIPTS

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23. Sink KM, Espeland MA, Castro CM, Church T, Cohen R, Dodson JA, Guralnik J, Hendrie HC, Jennings J, Katula J, Lopez OL, McDermott MM, Pahor M, Reid KF, Rushing J, Verghese J, Rapp S, Williamson JD; LIFE Study Investigators. Effect of a 24-month physical activity intervention vs health education on cognitive outcomes in sedentary older adults: The LIFE Randomized Trial. *JAMA*. 2015;314(8):781–90.
 24. Espeland MA, Newman AB, Sink K, Gill TM, King AC, Miller ME, Guralnik J, Katula J, Church T, Manini T, Reid KF, McDermott MM; LIFE Study Group. Associations between ankle-brachial index and cognitive function: results from the Lifestyle Interventions and Independence for Elders Trial. *J Am Med Dir Assoc*. 2015;16(8):682–9.
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 26. Gill TM, Pahor M, Guralnik JM, McDermott MM, King AC, Buford TW, Strotmeyer ES, Nelson ME, Sink KM, Demons JL, Kashaf SS, Walkup MP, Miller ME; LIFE Study Investigators. Effect of structured physical activity on prevention of serious fall injuries in adults aged 70–89: randomized clinical trial (LIFE Study). *BMJ*. 2016;352:i245.
 27. Marsh AP, Applegate WB, Guralnik JM, Jack Rejeski W, Church TS, Fielding RA, Gill TM, King AC, Kritchevsky SB, Manini TM, McDermott MM, Newman AB, Stowe CL, Walkup MP, Pahor M, Miller ME; LIFE Study Investigators. Hospitalizations during a physical activity intervention in older adults at risk of mobility disability: analyses from the Lifestyle Interventions and Independence for Elders randomized clinical trial. *J Am Geriatr Soc*. 2016;64(5):933–43.
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 29. Aubertin-Leheudre M, Anton S, Beavers DP, Manini TM, Fielding R, Newman A, Church T, Kritchevsky SB, Conroy D, McDermott MM, Botosaneanu A, Hauser ME, Pahor M; LIFE Research Group. Dynapenia and metabolic health in obese and nonobese adults aged 70 years and older: the LIFE Study. *J Am Med Dir Assoc*. 2017;18(4):312–9.
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31. Cochrane SK, Chen SH, Fitzgerald JD, Dodson JA, Fielding RA, King AC, McDermott MM, Manini TM, Marsh AP, Newman AB, Pahor M, Tudor-Locke C, Ambrosius WT, Buford TW; LIFE Study Research Group. Association of accelerometry-measured physical activity and cardiovascular events in mobility-limited older adults: The LIFE (Lifestyle Interventions and Independence for Elders) Study. *J Am Heart Assoc*. 2017;6(12). pii: e007215.
 32. Cosico J, Chambers J, Olson R, Yumul G, Traverse JH, Perin EC, Henry TD, for the Cardiovascular Cell Therapy Research Network. Training CRCs of the CCTRN Using an Online Learning Platform. *Clinical Researcher*. 2018 January;32(1): doi: 10.14524/CR-17-0024

PRESENTATIONS

1. Lindholm L, Cornell C, Norvell N, **Handberg E** (presenter), Limacher M. Relationship of Affect and Health Behaviors to Serum Lipids in Male and Female Medical Students. Presentation at NIH Conference on Women, Behavior and Cardiovascular Disease, September 25-27, 1991
2. Cooper-DeHoff, R, **Handberg E**, Bristol H, Kolb R, and Pepine CJ for the INVEST Investigators. Blood Pressure Control in a Cohort of Patients with Diabetes and Ischemic Heart Disease. AHA Symposium Seattle, WA, August 2001.
3. **Handberg E**. Risk Management in Cardiovascular Disease. Division of Cardiovascular Medicine Grand Rounds Gainesville, FL, August 23, 2002.
4. **Handberg E**. New Concepts in Heart Failure. Invited Speaker: NPACE Meeting Orlando, FL, March 27, 2003.
5. **Handberg E**. Blunting the Progression of Cardiovascular Disease. Invited Speaker: NPACE Dinner Symposium Orlando, FL, March 27, 2003.
6. **Handberg E**. Heart Disease in Women: Women Veterans at Ease Program. Invited Speaker Ocala, FL, February 14, 2003; Gainesville, FL, May 15, 2003.
7. **Handberg E**. Heart Health for Women Lake City, VA, August 14, 2003.
8. **Handberg E**. How to Set-Up a Heart Failure Management Program. Brown-Bag Lunchtime Panel. American College of Cardiology Scientific Sessions New Orleans, LA, March 2004.

9. **Handberg E.** Quality of Life Questionnaires. Symposium #665: Objective Assessments of Cardiac Function in Heart Failure: Advantages and Predictive Power of Each. American College of Cardiology Scientific Sessions Orlando, FL, March 8, 2005.
10. **Handberg E.** End of Life Issues in Elderly Patients with Acute Coronary Syndrome. Symposium #657: Management of Acute Coronary Syndromes in the Elderly. American College of Cardiology Scientific Sessions Orlando, FL, March 8, 2005.
11. **Handberg E.** Risk Management in Cardiovascular Disease. Division of Cardiovascular Medicine Grand Rounds Gainesville, FL, 2007.
12. **Handberg E.** Risk Management. Division of Gastroenterology Grand Rounds Gainesville, FL, 2007.
13. **Handberg E.** Basics in Risk Management. Department of Medicine Resident Conference Gainesville, FL, January 2008
14. **Handberg E.** Risk Management. Department of Medicine Grand Rounds, Gainesville, FL, April 2008.
15. **Handberg E.** Risk Management. Division of Cardiovascular Medicine Grand Rounds, Gainesville, FL, October 2008.
16. **Handberg E.** Strategies in treating cardiovascular risk: focus on women, *Post-menopausal women. The Cardiac Care Associates (CCA) of the Puerto Rico Chapter 3rd Annual Convention. January 2009.
17. **Handberg E.** Cardiometabolic risk. The Cardiac Care Associates (CCA) of the Puerto Rico Chapter 3rd Annual Convention. January 2009.
18. **Handberg E.** Risk Management. Orlando Regional Medical Center Grand Rounds and Basic Science Lecture, Orlando, FL. February 2009.
19. **Handberg E.** Chest pain in women. Orlando Regional Medical Center Basic Science Lecture, Orlando, FL. February 2009.
20. **Handberg E.** Is Your Patient Taking Their Medicine? Division of Cardiovascular Medicine Grand Rounds, Gainesville FL, April 2, 2009.
21. **Handberg E.** CCA Focus: HF-ACTION Study. American College of Cardiology Cardiosource *Plus* for Institutions CME/CE.
<http://www.cardiosource.com/expertopinions/hottopics/article.asp?paperID=356>. Posted 9/2/09.
22. **Handberg E.** Activity and Exercise. Heart Failure Society of America, Boston. September 2009.
23. **Handberg E,** Alpert, J.P., Program Directors. Core Curriculum for the Cardiovascular Clinician. The American Nurses Association, Heart House, Washington, D.C. October 22-25, 2009.
24. **Handberg E.** Exercise in Heart Failure. American Heart Association Scientific Sessions, Orlando FL, Nov 2009.

25. **Handberg E.** Go Red for Women: Hype or Hope? 5th Annual Love Your Heart Red Dress Luncheon, Gainesville Hilton, Feb 2010.
26. **Handberg E,** Co-chair. Management of Complications of Endovascular Therapy Case Reviews (In Collaboration with the Society for Vascular Medicine). American College of Cardiologists i2 Summit, Atlanta, GA. March 2010.
27. **Handberg E,** Co-Chair. Cardiac Care Spotlight: Physical Assessment and EKG Interpretation Interactive Session. American College of Cardiologists 59th Annual Scientific Session, Spotlight Presentations. Atlanta, GA. March 2010.
28. **Handberg E,** Panelist. Chest Pain in Women with Normal Coronary Arteries. American College of Cardiologists 59th Annual Scientific Session, Meet the Experts Presentations. Atlanta, GA. March 2010.
29. **Handberg E,** Poster discussant. Pharmacotherapies and Complex Patients. American College of Cardiologists i2 Summit, Poster Presentations. Atlanta, GA. March 2010.
30. Cooper DeHoff RM, Gong Y, **Handberg EM,** Bavry AA, Denardo SJ, Bakris GL, Pepine CJ. Rethinking Lower BP Goals for Diabetics with Documented Coronary Artery Disease: Findings from the International Verapamil SR-Trandolapril Study (INVEST). American College of Cardiologists 59th Annual Scientific Session, ACC/i2Joint Session: Late-Breaking Clinical Trials. Atlanta, GA. March 2010.
31. **Handberg E.** ACC.10 Update. Division of Cardiovascular Medicine Grand Rounds. Gainesville, FL. March 25, 2010.
32. **Handberg E,** presenter. Cell Therapy Research: Challenges of NIH Network Trials. Association of Clinical Research Professionals ACRP 2010 Global Conference. Tampa FL, April 24, 2010.
33. **Handberg E,** presenter. Stem cell therapy for ischemic heart disease. American College of Cardiology Puerto Rico Chapter 21st Annual Meeting, Cardiac Care Associates (CCA) Scientific Meeting. Isla Verde, May 28, 2010.
34. **Handberg E,** presenter. What means being the first CCA Fellow. American College of Cardiology Puerto Rico Chapter 21st Annual Meeting, Cardiac Care Associates (CCA) Annual Convention. Isla Verde, May 29, 2010.
35. **Handberg E,** presenter. Exercise in heart failure. American College of Cardiology Puerto Rico Chapter 21st Annual Meeting, Cardiac Care Associates (CCA) Scientific Meeting. Isla Verde, May 29, 2010.
36. **Handberg E,** presenter. The Role of Biomarkers in the Assessment of CVD Risk: 2010 Update. Preventive Cardiovascular Nurses Association. Hyatt Regency, Tampa, FL. Sept 28, 2010.
37. **Handberg E,** Maisenbacher, H, presenters. How to keep your heart healthy and your pet's too. The University of Florida Academic Health Center, Healthy Advantage lecture series, The Village retirement community, Gainesville, FL. October 5, 2010.

38. **Handberg E**, Alpert J, Program Directors. 2010 Foundations for Practice Excellence: Core Curriculum for the Cardiovascular Clinician. The American Nurses Association, Heart House, Washington, D.C. October 21-24, 2010.
39. **Handberg E**, presenter. Cardiac nursing experience in USA (North America). The 4th International Cardiovascular Nursing Conference of Saud Al-Babtain Cardiac Center, Dammam, Saudi Arabia. December 7-9, 2010.
40. **Handberg E**, Al-Ajmi A, moderators. Updates in critical care. The 4th International Cardiovascular Nursing Conference of Saud Al-Babtain Cardiac Center, Dammam, Saudi Arabia. December 7-9, 2010.
41. **Handberg E**, presenter. Diabetes & heart disease: A growing epidemic. The 4th International Cardiovascular Nursing Conference of Saud Al-Babtain Cardiac Center, Dammam, Saudi Arabia. December 7-9, 2010.
42. **Handberg E**, presenter. Risk management in cardiovascular disease. The Florida Chapter of the American College of Cardiology, 30th Annual Perspectives on New Diagnostic and Therapeutic Techniques in Clinical Cardiology, Lake Buena Vista, FL. January 28-30, 2011.
43. **Handberg E**, presenter. Lessons from Your Fairy Heart Mother. 6th Annual Love Your Heart Red Dress Luncheon, Paramount Plaza Hotel, Gainesville, FL. Feb 18, 2011.
44. **Handberg E**, presenter. Basics in Risk Management. UF Department of Obstetrics and Gynecology Grand Rounds. March 11, 2011.
45. **Handberg E**, Conti, JB, co-chairs. Cardiac Care Team Spotlight: ECG Jeopardy. American College of Cardiologists 60th Annual Scientific Session, CCA Spotlight Presentations. New Orleans, LA. April 2, 2011.
46. **Handberg E**, presenter. Improving Cardiovascular Outcomes through Team Led Research. American College of Cardiologists 60th Annual Scientific Session, Brown Bag Lunch Session: The Power of Collegial, Team-Based Research. New Orleans, LA. April 4, 2011.
47. **Handberg E**, presenter. Team-Based Care: Challenges and Opportunities. American College of Cardiologists 60th Annual Scientific Session, H2H Learning Destination Theater. New Orleans, LA. April 4, 2011.
48. **Handberg E**, presenter. Basics in Risk Management. UF Division of Gastroenterology, Hepatology & Nutrition Grand Rounds. Gainesville, FL. April 21, 2011.
49. **Handberg E**, presenter. Red Dress talk. 15th Annual Pastor and Minister Wives Retreat, Church of God by Faith, Kissimmee, FL. June 6, 2011.
50. **Handberg E**, presenter. Retinal Imaging—Novel Technique for CVD in Women. University of Florida Department of Medicine Faculty Retreat, Gainesville, FL. June 11, 2011.

51. **Handberg E**, Alpert J, Program Directors. 2011 Foundations for Practice Excellence: Core Curriculum for the Cardiovascular Clinician. The American Nurses Association, Heart House, Washington, D.C. October 13-16, 2011.
52. **Handberg E**, Complex Heart Failure-In Patient. 2011 Foundations for Practice Excellence: Core Curriculum for the Cardiovascular Clinician. The American Nurses Association, Heart House, Washington, D.C. October 15, 2011.
53. **Handberg E**, Heart Disease in Women-Updated Guidelines. 2011 Foundations for Practice Excellence: Core Curriculum for the Cardiovascular Clinician. The American Nurses Association, Heart House, Washington, D.C. October 15, 2011.
54. **Handberg E**, Exercise Stress Testing. 2011 Foundations for Practice Excellence: Core Curriculum for the Cardiovascular Clinician. The American Nurses Association, Heart House, Washington, D.C. October 16, 2011.
55. **Handberg E**, Valentine CM, Linderbaum JA. Positioning mid-level providers for efficiency in your CV service line. Cardiovascular Care Summit: Solutions for Thriving in a Time of Changes. Washington, DC. January 14, 2012.
56. **Handberg E**, presenter. Risk management in cardiovascular disease. The Florida Chapter of the American College of Cardiology, 31st Annual Perspectives on New Diagnostic and Therapeutic Techniques in Clinical Cardiology, Lake Buena Vista, FL. January 27-29, 2012.
57. **Handberg E**, presenter. Childhood obesity: a cardiometabolic risk. The 5th International Cardiovascular Nursing Conference of Saud Al-Babtain Cardiac Center, Dammam, Saudi Arabia. February 26-27, 2012.
58. **Handberg E**, presenter. Polypharmacy in a cardiovascular patient. The 5th International Cardiovascular Nursing Conference of Saud Al-Babtain Cardiac Center, Dammam, Saudi Arabia. February 26-27, 2012.
59. **Handberg E**, presenter. Attention nurses: How confident are you to be competent! The 5th International Cardiovascular Nursing Conference of Saud Al-Babtain Cardiac Center, Dammam, Saudi Arabia. February 26-27, 2012.
60. **Handberg E**. Cardiac Rehabilitation. 43rd Annual Topics in Internal Medicine, University of Florida College of Medicine. Gainesville, FL. March 30, 2012.
61. **Handberg E**, Alpert J, Program Directors. 2012 Foundations for Practice Excellence: Core Curriculum for the Cardiovascular Clinician. The American Nurses Association, Disney Yacht & Beach Club Convention Center, Orlando, Florida. October 11-13, 2012.
62. **Handberg E**, Clinical Advances That Will Affect Your Practice. 2012 Foundations for Practice Excellence: Core Curriculum for the Cardiovascular Clinician. The American Nurses Association, Disney Yacht & Beach Club Convention Center, Orlando, Florida. October 11, 2012.

63. **Handberg E**, Guideline Jeopardy: Updates to Practice. 2012 Foundations for Practice Excellence: Core Curriculum for the Cardiovascular Clinician. The American Nurses Association, Disney Yacht & Beach Club Convention Center, Orlando, Florida. October 11, 2012.
64. **Handberg E**, Stress Testing. 2012 Foundations for Practice Excellence: Core Curriculum for the Cardiovascular Clinician. The American Nurses Association, Disney Yacht & Beach Club Convention Center, Orlando, Florida. October 13, 2012.
65. **Handberg E**, Treatment of SICA, Invasive or conservative strategy? National Association of Cardiologist of Mexico. Hotel Fairmont, Acapulco, Mexico. December 6, 2012.
66. **Handberg E**, Clinical Manifestations of Ischemic Heart Disease in Women. National Association of Cardiologist of Mexico. Hotel Fairmont, Acapulco, Mexico. December 7, 2012.
67. **Handberg E**. Medical error prevention. The Florida Chapter of the American College of Cardiology, 32nd Annual Perspectives on New Diagnostic and Therapeutic Techniques in Clinical Cardiology, Lake Buena Vista, FL. January 25-27, 2013.
68. **Handberg E**. Lessons from Your Fairy Heart Mother. 8th Annual Love Your Heart Red Dress Luncheon, Sweetwater Branch Inn, Gainesville, FL. February 20, 2013.
69. **Handberg E**. Clinical trials and subject recruitment. First-year medical student intersession, University of Florida College of Medicine, Gainesville, FL. February 27, 2013.
70. **Handberg E**. Novel anticoagulants: setting the agenda for education/practice. UF Division of Cardiovascular Medicine Grand Rounds, Gainesville, FL. September 19, 2013.
71. **Handberg E**. Atrial fibrillation: Panel discussion. Preceptorship, Pfizer. University of Florida, Gainesville, FL. October 1, 2013.
72. **Handberg E**. Program Co-Chair-Speaker--2013 Foundations for Practice Excellence: Core Curriculum for the Cardiovascular Clinician. Washington, DC. October 3-5, 2013.
73. **Handberg E**. New Hope with New Agents. 2013 Foundations for Practice Excellence: Core Curriculum for the Cardiovascular Clinician. Washington, DC. October 2, 2013.
74. **Handberg E**. Applying Knowledge with Cases: Drug Interactions-What Affects What? 2013 Foundations for Practice Excellence: Core Curriculum for the Cardiovascular Clinician. Washington, DC. October 3-5, 2013.
75. **Handberg E**. Interviewing and Health History Pearls – Getting the Most from the Patient. 2013 Foundations for Practice Excellence: Core Curriculum for the Cardiovascular Clinician. Washington, DC. October 3, 2013.
76. **Handberg E**. ECG Reading Skills Update. 2013 Foundations for Practice Excellence: Core Curriculum for the Cardiovascular Clinician. Washington, DC. October 3, 2013.

77. **Handberg E.** Secondary Prevention Guidelines-Lipids/Hypertension. 2013 Foundations for Practice Excellence: Core Curriculum for the Cardiovascular Clinician. Washington, DC. October 4, 2013.
78. **Handberg E.** Case Based Review-Test Your Knowledge with Rapid Fire ARS. 2013 Foundations for Practice Excellence: Core Curriculum for the Cardiovascular Clinician. Washington, DC. October 5, 2013.
79. Anderson RD, **Handberg E.** Cardiac Stem Cell Therapy in 2013. Where are we and where do we need to go? UF Continuing Medical Education and Division of Cardiovascular Medicine Conference, Fleming's Steakhouse, Sarasota, FL. October 23, 2013.
80. **Handberg E.** Medical errors and risk management of cardiovascular disease. The Florida Chapter of the American College of Cardiology, 33rd Annual Perspectives on New Diagnostic and Therapeutic Techniques in Clinical Cardiology, Lake Buena Vista, FL. January 31-February 2, 2014.
81. **Handberg E,** Fletcher B, Cooper-DeHoff R. Session: An Interdisciplinary Approach to the Prevention and Management of Atrial Fibrillation. PCNA at the American College of Cardiology 2014 Scientific Sessions. Washington, DC. March 31, 2014.
82. **Handberg E.** Stem Cell Research and its Therapeutic/Application in Heart Disease. Mended Hearts of Citrus County Seminar Citrus Memorial Hospital, Inverness, FL. May 17, 2014.
83. **Handberg E.** Re-entry to Medical Practice: Defining the Needs for Medical Education. A-14 Medical Education Networking and Stakeholders' Forum, American Medical Association, Council on Medical Education, Chicago, Illinois. June 6, 2014.
84. **Handberg E.** Conducting Industry/Clinical Trials at UF. UF Clinical and Translational Science Institute course lecture. Gainesville, FL. July 23, 2014.
85. **Handberg E.** Atrial fibrillation: Panel discussion. Preceptorship, Pfizer. University of Florida, Gainesville, FL. August 12, 2014.
86. **Handberg E.** Program Co-Chair-Speaker--2014 Foundations for Practice Excellence: Core Curriculum for the Cardiovascular Clinician. American College of Cardiology. Washington, DC. October 16-18, 2014
87. **Handberg E.** Essentials of Patient Interviewing and Health History. 2014 Foundations for Practice Excellence: Core Curriculum for the Cardiovascular Clinician. Washington, DC. October 16, 2014.
88. **Handberg E.** From Basic to Complex-Practical Clinical ECG Skills. 2014 Foundations for Practice Excellence: Core Curriculum for the Cardiovascular Clinician. Washington, DC. October 16, 2014.
89. **Handberg E.** Cooper-DeHoff, Rhonda. Case Presentation: Which Drug for My Patient. 2014 Foundations for Practice Excellence: Core Curriculum for the Cardiovascular Clinician. Washington, DC. October 17, 2014.

90. **Handberg E.** Hypertension Guideline Implications. 2014 Foundations for Practice Excellence: Core Curriculum for the Cardiovascular Clinician. Washington, DC. October 18, 2014.
91. **Handberg E.** Polypharmacy in Cardiovascular Disease. 2014 Foundations for Practice Excellence: Core Curriculum for the Cardiovascular Clinician. Washington, DC. October 18, 2014.
92. **Handberg E.** Optimal Strategies to Reduce Cardioembolic Risk in the Patient With Nonvalvular Atrial Fibrillation: A Patient-Centered Approach. Preventive Cardiovascular Nurses Association, the Heart Rhythm Society, and Med X Change Live. Webinar Series. October 29, 2014.
93. **Handberg E.** Medical Errors & Risk Management of Cardiovascular Disease Part I. The Florida Chapter of the American College of Cardiology, 34th Annual Perspectives on New Diagnostic and Therapeutic Techniques in Clinical Cardiology, Lake Buena Vista, FL. January 31, 2015.
94. **Handberg E.** Medical Errors & Risk Management of Cardiovascular Disease Part II. The Florida Chapter of the American College of Cardiology, 34th Annual Perspectives on New Diagnostic and Therapeutic Techniques in Clinical Cardiology, Lake Buena Vista, FL. February 1, 2015.
95. **Handberg E.** Changing hyperlipidemia therapy guidelines? What happened to the “number”? The Florida Chapter of the American College of Cardiology, 34th Annual Perspectives on New Diagnostic and Therapeutic Techniques in Clinical Cardiology, Lake Buena Vista, FL. February 1, 2015.
96. **Handberg E.** Women’s Heart Health. Gainesville Chapter of Hadassah. Gainesville, FL. February 8, 2015.
97. **Handberg E.** Team Base Care in Military Medicine: From Battlefield to Bedside. American College of Cardiology 2015 Scientific Session. San Diego, CA. March 14, 2015.
98. **Handberg E.** Case Studies from the Guidelines for Clinicians. American College of Cardiology 2015 Scientific Session. San Diego, CA. March 15, 2015.
99. **Handberg E.** Resisting Hypertension: A Case Based Approach Towards Tackling Difficult Issues. American College of Cardiology 2015 Scientific Session. San Diego, CA. March 15, 2015.
100. **Handberg E.** Cardiovascular Disease in Type 2 Diabetes. University of Florida Extension DSME curriculum. Gainesville, FL. April 23, 2015.
101. **Handberg E.** Conducting Industry/Clinical Trials at UF. UF Clinical and Translational Science Institute course lecture. Gainesville, FL. July 22, 2015.
102. **Handberg E.** Heart Healthy Lifestyle Counseling: A Focus on Females. Preventive Cardiovascular Nurses Association at the Florida Chapter of the American College of Cardiology Scientific Sessions. Lake Buena Vista, FL. August 15, 2015.

103. **Handberg E.** Risk Management and Medical Error Reduction, Part I. UF Division of Cardiovascular Medicine Grand Rounds, Gainesville, FL. September 17, 2015.
104. **Handberg E.** Program Co-Chair-Speaker--Core Curriculum for the Cardiovascular Clinician. Washington, DC. October 14–17, 2015.
105. **Handberg E.** Hypertension and Resistant Hypertension—Management Strategies. Core Curriculum for the Cardiovascular Clinician. Washington, DC. October 14, 2015.
106. Alpert J, **Handberg E.** The Art of Cardiovascular History and Physical: Welcome, Introductions, and Use of iPads and Action Plan. Core Curriculum for the Cardiovascular Clinician. Washington, DC. October 15, 2015.
107. **Handberg E.** Essentials of Patient Interviewing and Health History. Core Curriculum for the Cardiovascular Clinician. Washington, DC. October 15, 2015.
108. **Handberg E.** Breakout Sessions: ECG Interpretation, Intermediate. Core Curriculum for the Cardiovascular Clinician. Washington, DC. October 15-16, 2015.
109. Alpert J, Anderson RD, Freeman AM, **Handberg E.** Panel Discussion: Time Management—Tips for Each Day. Core Curriculum for the Cardiovascular Clinician. Washington, DC. October 15, 2015.
110. **Handberg E.** (Presenter) Managing the Cardiovascular Devices – Pacer/AICD/BiV ICD/Loop Recorder/LVAD: What I Need to Know. Core Curriculum for the Cardiovascular Clinician. Washington, DC. October 16, 2015.
111. **Handberg E.** (Presenter) Palliative Care and End-of-Life Decision Making. Core Curriculum for the Cardiovascular Clinician. Washington, DC. October 16, 2015.
112. **Handberg E.** (Presenter) Secondary Prevention Cocktail: The Key Ingredients. Preventive Cardiovascular Nurses Association Fall Learning Series. Jacksonville, FL. October 24, 2015.
113. **Handberg E.** (Presenter) Risk Management and Medical Error Reduction, Part I. UF Department of Medicine Grand Rounds, Gainesville, FL. January 7, 2016.
114. Cooper-DeHoff R, **Handberg E** (Session Faculty). Case Studies from the Guidelines for Clinicians. American College of Cardiology 65th Annual Scientific Sessions. Chicago, IL. April 3, 2016.
115. **Handberg E** (Session Panelist). Evaluating ACS Trials: Challenges in Appraising Evidence. American College of Cardiology 65th Annual Scientific Sessions. Chicago, IL. April 3, 2016.
116. **Handberg E** (Presenter). Asymptomatic Person with Multiple Cardiovascular Risk Factors. Session: The Right Imaging Test in the Right Patient at the Right Time: A Case-Based Approach. American College of Cardiology 65th Annual Scientific Sessions. Chicago, IL. April 4, 2016.
117. **Handberg E** (Session Panelist). Featured Clinical Research II: General. American College of Cardiology 65th Annual Scientific Sessions. Chicago, IL. April 5, 2016.

118. **Handberg E.** Proactive Management of Afib: Prevention and Early Identification. PCNA 22nd Annual Symposium. Orlando, FL. April 14-17, 2016.
119. **Handberg EM** (Presenter), Bairey Merz CN, Wei J, Minissian M, Nelson M, Thomson L, Berman D, Shaw LJ, Cook-Wiens G, Rogatko A, Pepine CJ. Late sodium channel inhibition (ranolazine) improves angina and myocardial perfusion in patients with severe microvascular coronary dysfunction. Poster 959. European Society of Cardiology Congress, Rome, August 27, 2016.
120. **Handberg E.** (Presenter) Heart Failure-New Guidelines, New Drugs. Core Curriculum for the Cardiovascular Clinician. Washington, DC. September 14, 2016.
121. **Handberg E.** (Panelist) Practical Approach to Complex Pharmacological Needs: Polypharmacy, Drug/Drug Interactions-Case Based. Core Curriculum for the Cardiovascular Clinician. Washington, DC. September 14, 2016.
122. **Handberg E.** (Presenter) A Shift in the Global Approach: Moving from Disease Management To Disease Prevention. Core Curriculum for the Cardiovascular Clinician. Washington, DC. September 15, 2016.
123. **Handberg E.** (Presenter) Hypertension-Getting Patients to Goal!. Core Curriculum for the Cardiovascular Clinician. Washington, DC. September 15, 2016.
124. **Handberg E.** (Presenter) Palliative Care and End-of-Life Decision Making. Core Curriculum for the Cardiovascular Clinician. Washington, DC. September 16, 2016.
125. **Handberg E.** (Presenter) Wrap Up and Action Plans: 10 Points to Remember. Core Curriculum for the Cardiovascular Clinician. Washington, DC. September 17, 2016.
126. **Handberg E.** (Presenter) Best Practices and up to date Guideline Reviews. PCNA Fall Lecture Series. Jacksonville, FL. October 1, 2016.
127. **Handberg E.** (Presenter) Lessons from Your Fairy Heart Mother. Halifax Health. Daytona Beach, FL February 11, 2017.
128. **Handberg E.** (Presenter) Lessons from Your Fairy Heart Mother. Heart to Heart Women's Seminar. Gainesville, FL May 25, 2017.
129. **Handberg E.** Risk Management and Medical Error Reduction, Part I. UF Division of Cardiovascular Medicine Grand Rounds, Gainesville, FL. October 12, 2017.
130. **Handberg E.** Risk Management and Medical Error Reduction, Part II. UF Division of Cardiovascular Medicine Grand Rounds, Gainesville, FL. January 4, 2018.

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