

LEE S. MARCUS, M.D., M.S., F.A.C.C.

Curriculum Vitae

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PROFESSIONAL EXPERIENCE

President	Preventive Cardiology of NY New York, New York	07/2015-Present
Medical Director/ Chief Science Officer	Optimal Executive/Optimal Wellness Group New York, New York	04/2014-07/2015
Editor in Chief	Empowered Doctor New York, New York	04/2014-07/2015
Director/Analyst	Global Markets Intelligence-Healthcare IPREO, LLC New York, New York	11/2011-03/2014
Medical Director	REVV Medical Diagnostic, PC Ronkonkoma, New York	08/2009-Present
Cardiologist/ Board Member	The Heart Center Poughkeepsie, New York	07/1999-08/2009

MEDICAL TRAINING

Fellowship	Yale University School of Medicine Yale-New Haven Hospital <i>Nuclear Cardiology</i>	07/1998-06/1999
Fellowship	Yale University School of Medicine Yale-New Haven Hospital <i>Cardiovascular Medicine</i>	07/1996-06/1998
Fellowship	Columbia University Columbia-Presbyterian Medical Center <i>Circulatory Physiology/ Congestive Heart Failure/ Cardiac Transplantation</i>	07/1994-06/1996
Chief Residency/ Residency	New York Medical College Westchester Medical Center <i>Internal Medicine</i>	07/1990-06/1994

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EDUCATION

Medical	New York Medical College M.D.	06/1990
Undergraduate	Muhlenberg College B.S. (Cum Laude) <i>Natural Science; Philosophy</i>	06/1986
Graduate	Pace University- Lubin School of Business M.S. as Valedictorian- <i>Finance</i>	05/2014

LICENSURE AND CERTIFICATION

M.D.	New York State License -188488	03/04/1992
Diplomate	American Board of Internal Medicine <i>Cardiovascular Disease</i> - Certification and Recertification	1998, 2008
	Certification Board of Nuclear Cardiology- <i>Nuclear Cardiology</i> Certification and Recertification	1999, 2009
	American Board of Internal Medicine <i>Internal Medicine</i> -expired	1993
	National Board of Medical Examiners	1991

AFFILIATIONS

Fellow-American College of Cardiology
American Medical Association
Heart Failure Society of America
American Society for Preventive Cardiology
National Lipid Association
American Society of Nuclear Cardiology

LEADERSHIP POSITIONS

Credentials Committee- St. Francis Hospital Poughkeepsie, New York	2004-2009
Founder and Medical Director- Congestive Heart Failure Unit/ Congestive Heart Failure Program- Vassar Brothers Medical Center Poughkeepsie, New York	2000-2009
Director- Congestive Heart Failure Program- St. Francis Hospital Poughkeepsie, New York	2000-2009
Director- Nuclear Cardiology/ Radiation Safety Officer The Heart Center - Poughkeepsie, New York	1999-2009
Board President- Dutchess/ Ulster County Chapter- American Heart Association- Poughkeepsie, New York	2006-2008
Board Member- The Heart Center Poughkeepsie, New York	2003-2004

HONORS AND AWARDS

Beta Gamma Sigma Business Honor Society	2014
Listed in Castle Connolly America's Top Doctors	2006-2009
New York State Patient's Choice Award (voted on by patients)	2008, 2009
Listed in Hudson Valley Magazine as One of the <i>Top Physicians in the Hudson Valley</i>	2006-2009
Key Volunteer Service Award - Dutchess-Ulster Division American Heart Association	2006-2007
Most Outstanding Resident Teaching Award New York Medical College	1991, 1992, 1993

CURRENT CONSULTING POSITIONS

Scientific Advisory Board Advanced Facialdontics	11/2015- Present
Scientific Advisory Board Xablecath, Inc.	07/2015- Present
Medical Advisory Board Cognate Nutritionals	06/2015- Present

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Medical Director
NFL Alumni Association Wellness Challenge

07/2014- Present

PRIOR CONSULTANT AND LECTURER

Gerson Lehrman Group
St. Jude Medical
Glaxo-Smithkline
Astra-Zeneca
Scios- Johnson & Johnson

BIBLIOGRAPHY/ORIGINAL PAPERS

Marcus, LS: Hart, D; Packer, M; Katz, SD, et al: Hemodynamic and Renal Excretory effects of Human Brain Natriuretic Peptide Infusion in Patients with Congestive Heart Failure: A Double-Blind, Placebo-Controlled, Randomized Cross-Over Trial **Circulation: 1996, 94: 3184-3189**

Sun, BC; Catanese, KA; Spanier, TB; Flannery, MR; Gardocki, MT; **Marcus, LS;** Levin, HR; Rose, EA; Oz, MC: 100 Long-Term Implantable Left Ventricular Assist Devices: The Columbia-Presbyterian Experience **Annals of Thoracic Surgery, 1999;68:688-694**

ABSTRACTS

Marcus, LS; Pollack, BD; Corbisiero, R.; Blake, JW; Do Recovery ST-segment Changes Following Exercise Treadmill Testing Enhance Sensitivity and Predictive Value? **Clinical Research; Oct. 1993;41:609**

Marcus, LS; Yushak, M.; Medina, N; Katz, SD: Assessment of Pulmonary Vascular Reactivity with Human Brain Natriuretic Peptide: Comparison with Nitroprusside **Journal of Heart and Lung Transplantation. 1996; 15:1pt2 S84**

Goldstein, D; Choudri, A; Garfein, ES; Flannery, M.; **Marcus, LS;** Rose, EA; Oz, MC: Experience with Long Term LVAD Support: Implications for Permanent Use **Journal of Heart and Lung Transplantation 1998; 17 (1):63**

Russell, RR; **Marcus, LS;** Rife, F; Tamborlane, WV; Wackers, FJTh; Young, LH; Diminished Cardiac Response to Insulin Induced Hypoglycemia in Patients with Type I Diabetes: **Diabetes**

ADDITIONAL CLINICAL RESEARCH (Partial List)

Effects of Insulin Induced Hypoglycemia on Left Ventricular Function and Autonomic Balance in Diabetic and Non-Diabetic Patients. (Yale University) **1998-1999**

Randomized Evaluation of Mechanical Assist Therapy in Congestive Heart Failure (**REMATCH Trial**) (Columbia University College of Physicians and Surgeons) **1994-1996**

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Phase II Randomized Multicenter Trial of Twice Daily Deltaparin (Fragmin) versus Intravenous Heparin with Accelerated Infusion of rt-Alteplase (Activase) in Acute Myocardial Infarction (**ASSENT PLUS Study**) **Sub-investigator; 1999-2000**

Phase III, Randomized, Open Label Trial Evaluating the Efficacy and Safety of Reopro (Abciximab) in Combination with Reduced Dose Reteplase for Treatment of Acute Myocardial Infarction (**GUSTO IV MI Study**) **Sub-investigator; 1999-2000**

Multicenter, Double Blind Study Comparing the Efficacy and Safety of Long Term Treatment with Valsartan, Captopril and Their Combination in High Risk Patients after Myocardial Infarction (**VALIANT Study**) **Sub-investigator; 1999-2003**

Candesartan Cilexetil in Heart failure: Assessment of Reduction in Mortality and Morbidity (**CHARM Study**). **Principal Investigator; 1999-2003**

Viagra in Congestive Heart Failure and CAD: A double blind, randomized, placebo controlled, parallel group, multicenter, flexible dose study to evaluate the efficacy and safety of Viagra, in males with erectile dysfunction. **Principal Investigator; 2001-2002**

SYNERGY: A Prospective, Randomized, Open Label, Multicenter Study In Patients Presenting With Acute Coronary Syndromes (ACS) Protocol ENO.GMA.301. **Sub-Investigator; 2002-2004**

ADVANCE MI: Protocol No. 01-042: Addressing the Value of Primary Angioplasty After Combination Therapy or Eptifibatide Monotherapy In Acute Myocardial Infarction. **Sub-Investigator; 2002-2003**

IMPACT STUDY: The IMPACT of Medical Subspecialty on Patient Compliance to Treatment with ADVICOR. **Principle Investigator; 2002**

STAMINA-HFP: Registry study of Anemia in a Heart Failure Population. **Principle Investigator; 2003**

ACUITY: A randomized comparison of Angiomax (bivalirudin) versus lovenox/Clexane (enoxaparin) in patients undergoing early invasive management for acute coronary syndromes without ST- segment elevation. **Sub-Investigator; 2003-2006**

EARLY-ACS: Early Glycoprotein IIa/IIIb inhibition in Non-ST segment Elevation Acute Coronary Syndrome: A randomized Trial Evaluating the Clinical Benefits of Early Front-Loaded Eptifibatide in the Treatment of Patients with Non-ST segment Elevation Acute Coronary Syndrome. **Sub-Investigator; 2004-2009**

JUPITER: Justification for the Use of Statins in Primary Prevention: an Intervention Trial Evaluating Rosuvastatin: A Randomized, Double Blind, Multicenter, Phase III Study of Rosuvastatin (Crestor) 20 mg in the Primary Prevention of cardiovascular Events Among Subjects with Low Levels of LDL-Cholesterol and Elevated Levels of C-Reactive Protein. **Sub- Investigator; 2005-2008**

FUSION II: Follow-up Serial Infusions of Natreco (nesiritide) for the Management of Patients with Heart Failure. **Principle Investigator; 2004-2007**

TRIAL TO ASSESS CHELATION THERAPY (TACT): grant # 1 UO1 ATOO1156-01 Study
Sponsors: National Institutes of Health (NCCAM and NHLBI) **Sub- Investigator; 2004-2008**

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USE-BNP STUDY: Utilizing, Studying, Evaluating BNP for monitoring in subjects with heart failure.
Sponsor: Siemens Medical Solutions Diagnostics. **Principle Investigator; 2007-2009**

ASCEND-HF TRIAL: Acute Study of Clinical Effectiveness of Nesiritide in Decompensated Heart Failure. **Principle Investigator; 2007-2009**