

**KENNETH HERSKOWITZ, M.D.**  
CURRICULUM VITAE

Updated: 12-9-20

**BIOGRAPHICAL DATA**

Date of Birth: July 31, 1960

Place of Birth: Tampa, Florida

Citizenship: U.S.A.

Marital Status: Married, Elena R. Herskowitz, October 1994  
Children – Brian, Billy, Matthew

Office Telephone: 954-355-4665  
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Office Address: Broward General Medical Center  
1625 SE 3<sup>rd</sup> Ave, Suite 300  
Fort Lauderdale, FL 33316

Staff Privileges: Broward General Medical Center  
1600 South Andrews Ave  
Ft. Lauderdale, FL 33316

Holy Cross Hospital  
4725 North Federal Highway  
Ft. Lauderdale, FL 33308

Broward Health North  
201 East Sample Rd  
Pompano Beach, FL 33064

Broward Health Imperial Point  
6401 N Federal Highway  
Fort Lauderdale, FL 33308

**PROFESSIONAL DATA**

Medical Director of Cardiovascular and Thoracic Surgery  
Broward General Hospital, The Heart Center of Excellence  
Oct 2010 - Present

Heart Lung Surgical Institute of South Florida, LLP  
Cardiovascular and Thoracic Surgeon, Private Practice  
Fort Lauderdale, Florida  
July 2004 – 2010

Kenneth Herskowitz, M.D. , P.A.  
Cardiovascular and Thoracic Surgeon, Private Practice  
South Florida Cardiovascular Surgery Associates  
Fort Lauderdale, Florida  
March 1997 – July 2004

Assistant Professor of Clinical Surgery  
Division of Cardiothoracic Surgery  
University of Miami/Jackson Memorial  
July 1994 – Present

Director Thoracic and Endovascular Surgery  
Broward General Medical Center  
2005 – 2009

Chief, Cardiac Surgery  
Northridge Medical Center 2002 - 2004

Chief, Cardiothoracic Surgery  
Veterans Administration Hospital (Miami)  
July 1994-March 1997

Member, Clinical Advisory Committee, Jim Moran Heart  
And Vascular Research Institute  
2007 - 2008

Director, Circulatory Support Programs  
University of Miami School of Medicine  
(Abiomed/Heartmate Certified) (1994 – 1997)

## **HIGHER EDUCATION**

Tulane University  
New Orleans, Louisiana  
B.S. in Biology-Summa Cum Laude, 1978-1982

Baylor College of Medicine  
Houston, Texas  
M.D. Degree 1982-1986

General Surgery Internship and Residency  
Baylor College of Medicine  
Houston, Texas, 1986-1989, 1990-1992

Fellowship in Surgical Metabolism  
University of Florida  
Gainesville, Florida 1989-1990

Resident and Chief Resident in Cardiothoracic Surgery  
University of Miami/Jackson Memorial Medical Center  
Miami, Florida 1992-1994

### **LICENSURE**

Florida State License - #ME 0062923  
Texas State License - #H 3575 (Inactive)

### **BOARD CERTIFICATION**

American Board of Surgery, 1993 (No. 38727)  
American Board of Thoracic Surgery, 1995 (No. 5658)  
Recertification 2005

### **HOSPITAL AFFILIATIONS**

Broward General Medical Center  
Holy Cross Hospital  
Broward Health North  
Broward Health Imperial Point

### **PROFESSIONAL ASSOCIATIONS**

Society of Thoracic Surgeons  
American College of Surgeons, Associate Fellow  
American Medical Association  
Broward County Medical Association  
Veterans Administration Surgeons Society  
Florida Thoracic Society  
Texas Medical Association  
Michael E. DeBakey International Surgical Society  
Florida Medical Association  
International Society for Heart and Lung Transplantation

### **SPECIALTY INTERESTS**

Minimal Invasive Aortic/Mitral Valve Procedures  
(Davinci Robot Certified)  
Transcatheter Aortic Valve Replacement (TAVR)  
Transcatheter Mitral Valve Repair/Replacement  
Complex Aortic/Mitral Valve Repair  
Beating Heart Coronary Bypass Surgery  
Cardiac Arrhythmia Surgery

Transmyocardial Revascularization (Laser Surgery)  
Endovascular Repair AAA  
Thoracic/Thoracoabdominal Aneurysm Specialty  
General Thoracic and Vascular Surgery

## **AWARDS**

### **Gold Coast Best Docs of South Florida 2008 - 2015**

**American Heart Association** Outstanding contributions to Cardiac Surgery  
Honoree 2007

**Resident Research Award;** The Association for Academy Surgery Meeting,  
Houston, Texas, November 1990. "Effects of endotoxin on glutamine transport  
by pulmonary endothelial cells".

## **RESEARCH**

Principal Investigator

OXYGENT-A Phase 3, Single-Blind, Randomized, Parallel-Group, Multicenter,  
Controlled Study of the Effectiveness of 2.7-g PFC/kg of Perflubron-Based  
Emulsion (AF0144) to Augment Intraoperative Autologous Donation and Avoid  
Transfusion of Allogeneic Red Blood Cells in Patients Undergoing Primary  
Coronary Artery Bypass Graft Surgery Under Cardiopulmonary Bypass.  
Sponsor: Alliance

Principal Investigator

PRIMO CABG- A Phase III Randomized, Parallel, Double-Blind, Multi-Center,  
Placebo-Controlled Study of the Effect of Pexeli-zumab on All-Cause Mortality  
and Myocardial Infarction in Patients Undergoing Coronary Artery Bypass Graft  
(CABG) Surgery with Cardiopulmonary Bypass.  
Sponsor: Alexion and P&G 2002

Sub-Investigator

BIOMARIN (NEUTRALASE)-A Phase III Comparison of Neutralase to  
Protamine in Patients Undergoing Primary Coronary Artery Bypass Graft  
Surgery.  
Sponsor: BioMarin Pharmaceutical Inc. 2003

Sub-Investigator

PRIMO-CAB II-A Multicenter, Randomized, Double-Blind, Parallel-group,  
Placebo-Controlled Study of 2 mg/kg Bolus Plus 24-hour 0.5 mg/kg/hr Infusion  
of Pexelizumab in Patients Undergoing Coronary Artery Bypass Grafting with  
Cardiopulmonary Bypass.  
Sponsor: P& G and Alexion 2004

Sub-Investigator  
ACT II Cardiome Trial “A Phase III Study of the Conversion Efficacy and Safety of Repeated Intravenous Doses of RSD1235 in Subjects with Atrial Fibrillation or Atrial Flutter following Valvular or Coronary Artery Bypass Surgery  
Sponsor: Cardiome Pharma Corp. 2004

Sub-Investigator  
BARI 2D: Bypass Angioplasty Revascularization Investigation 2 Diabetes  
2003-2004

Sub-Investigator  
Freedom Trial, Future Revascularization Evaluation in patients with Diabetes mellitus: Optimal Management of Multivessel disease. 2005-2007  
Principal Investigator  
Medtronic Valve sizing study

Principal Investigator  
“Heart/Lung Transplantation combined with Bone Marrow Infusion” 2006

Principal Investigator  
“The Study of Holmium Laser for Transmyocardial Revascularization” 2006

Principal Investigator  
Protocol 06004B, A Randomized, Double-Blind, Placebo-Controlled, Multi-Center Study to Evaluate the Cardioprotective Effects of MC-1 in Patients Undergoing High-Risk Coronary Artery Bypass Graft (CABG) Surgery, Medicare 2007-2008

Sub-Investigator  
Protocol 24779, A double-blind, prospective, randomized, placebo-controlled study to Determine the tolerability, efficacy, safety and dose range of intramyocardial injections of G-CSF mobilized Auto-CD34+ cells for reduction of angina episodes in subjects with refractory chronic myocardial ischemia. (ACT34-CMI), Baxter 2007- 2008

Sub-Investigator  
Study 2005-01, Prospective aneurysm Trial: High Angle AORfix bifurcated Stent graft 2008-present

Sub-Investigator  
MARVEL, A phase II/III double-blind, Randomized, controlled, Multicenter study to assess the safety and cardiovascular effects of MYOCELL implantation by a catheter delivery system in congestive heart failure patients post Myocardial Infarctions. BMI-WW-02-003 BIOHEART 2008-2010

Principal Investigator  
Protocol 34976, A 12-Month Follow-Up Study to Protocol 24779 (A Double-blind, Prospective, Randomized, Placebo controlled Study to Determine the

Tolerability, Efficacy, Safety, and Dose 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]). Baxter 2008-2010

Sub-Investigator  
Protocol CVBT-CHD07-01, Human Recombinant Fibroblast Growth Factor-1 (FGF-1<sub>141</sub>), for the Treatment of Subjects with Severe Coronary Heart Disease, a Double-blind, Placebo-controlled, Dose-varying Study. Cardiovascular Bio-Therapeutics 2009-2010

Principal Investigator  
Protocol P05633 - The Effect Of AcaDesine On Clinically Significant Adverse Cardiovascular and Cerebrovascular Events In High-Risk Subjects Undergoing Coronary Artery Bypass Graft (CABG) Surgery Using Cardiopulmonary Bypass (Protocol No. P05633): RED-CABG Trial (Reduction in Cardiovascular Events by AcaDesine in Subjects Undergoing CABG) 2009-2010

## **PUBLICATIONS**

Herskowitz K, Barber J.T.: The attraction of larvae Cullex Pipiens Ouinquefasciatus Say to ribonucleic acids and nucleotides. J. Insect Physiol., 28:585-588, 1982.

Feliciano DV, Herskowitz K, O’Gorman R, et al: Management of vascular injuries in the lower extremities. J. Trauma, 28:319-336, 1988.

Herskowitz K, Souba WW: Intestinal glutamine metabolism during critical illness: A surgical perspective. Nutrition, Vol.6, 199-206, 1990.

Herskowitz K, Martin TD, Souba WW, et al: The effects of hypothermic anesthesia on gut fuel metabolism. Surg. Forum, Oct. 1990.

Herskowitz K, Souba WW: The role of enteral feeding in maintaining a healthy gut and supporting the metabolic and immune response to surgery and infection. Excerpta Medica, Vol. 1, pp. 14, 1989.

Herskowitz K, Bode B., Block ER, Souba WW: Characterization of L-glutamine transport by porcine pulmonary artery endothelial cells. Amer. J. Physiol., May, 1991.

Herskowitz K, Bode B. Block ER, Souba WW: The effects of endotoxin on glutamine transport by pulmonary artery endothelial cells. J. Surg. Res., April, 1991.

Souba WW, Herskowitz K, Klimberg SV, et al: The effect of sepsis and endotoxemia on gut glutamine metabolism. Ann. Surg., Vol. 14(5), 543-549, 1990.

Salloum RM, Herskowitz K, Souba WW: Intravenous glutamine (GLN) stimulates brush border GLN Transport. Surg. Forum, Oct. 1990

Souba WW, Herskowitz K, Salloum R, et al: Gut glutamine metabolism. JPEN, Vol. 14, Suppl. 4, 45s-50s.

Souba WW, Herskowitz K, Plumley DA: Lung glutamine metabolism. JPEN, Vol. 14, Suppl. 4, 68s-70s.

Souba WW, Herskowitz K, Austgen TR, et al: Glutamine nutrition: Theoretical considerations and therapeutic impact. JPEN (in press).

Jacobs J, Holland J, Herskowitz K, Konstantakos A, Ferrer P, and Perryman RA: Surgery for cardiac rhabdomyomas in infants and children. Ann. Thorac. Surg., 59:1442-5. 1994.

### **ACTIVITIES 1994-1995**

Grand Rounds, Puerto Rico V.A. Cardiology Division – May 1994.

Grand Rounds, Puerto Rico V.A. Cardiology Division – April 1995.

Grand Rounds, General Surgery. “Acute Cardiac Emergencies”, Nov. 1994.

### **PRESENTATIONS (1995-1996)**

Program Director  
Aortic Surgery Symposium, September 1995  
Guest: Hazim Safi

CCU Nursing Inservice  
Circulatory Assist Devices – “Heartmate”  
October 1995

CSICU/CCU Nursing Inservice  
Circulatory Assist Devices – “Abiomed”  
February 1996

Cardiology Update Symposium  
“Medical versus Surgical Therapy in Complex Coronary Disease”  
February 1996

ABIOMED Regional Symposium  
Wet Lab – Insertion of Abiomed  
March 1996

Grand Rounds – Puerto Rico V.A.  
“1995 Update and Cardiac Transplantation”  
April 1996

Grand Rounds – West Palm V.A.  
“Cardiac Surgery at Miami V.A. and Future of Cardiac Transplantation”  
April, 1996

Transplant Foundation Symposium  
“Cardiac Transplantation – New Developments”  
May, 1996

### **CONTINUING MEDICAL EDUCATION**

Durham Regional Medical Education Center, HIV Update, September 27, 1995, Miami, Florida (2 hours)

University of Miami Medical Group, Workers Compensation Physicians Course, November 3, 1995, Miami, Florida (5 hours)

University of Miami, “Opening Pandora’s Box-Family Violence-A Physician’s Guide to Identify and Treat Victims of Abuse”, November 27, 1995, Miami, Florida (8 hours)

Armed Forces Institute of Pathology, Risk Management, November 28, 1995, Washington, D.C., (5 hours)

University of Miami, HIV Update, December 8, 1995, Miami, Florida (2 hours)

The Society of Thoracic Surgeons, 29<sup>th</sup> Postgraduate Program, January 28, 1996, Orlando, Florida (24 hours)

The Society of Thoracic Surgeons 32<sup>nd</sup> Annual Meeting, January 29-31, 1996, Orlando, Florida (24 hours)

University of Miami, The Management of Congestive Heart Failure: 1996 into the Millennium, June 8, 1996, Coral Gables, Florida (5.5 hours)

University At Buffalo School of Medicine and Biomedical Sciences, Recent Innovations in Cardiac Surgery, August 23-24, 1996, Buffalo, New York (13.5 hours)

University of Miami, Department of Surgery, Grand Rounds, August 7, 1995-May 31, 1996, Miami, Florida (21 hours)

The Florida Society of Thoracic and Cardiovascular Surgeons, 1997 Annual Meeting, February 21-23, 1997, South Miami Beach, Florida (8 hours)

Allina Health System, Experiences in Minimally Invasive Cardiac Surgery, June 19-21, 1997, Minneapolis, Minnesota (13.5 hours)

Medical Education Learning Systems, 1997-1998 Domestic Violence and HIV/AIDS Update, November 26, 1997 (2 hours)

The Mount Sinai School of Medicine, Aortic Surgery Symposium VI, April 30-May 1, 1998 (15 hours)

American Association of Thoracic Surgery 78<sup>th</sup> Annual Meeting, Boston, Massachusetts, May 3-6, 1998 (15 hours)

American College of Surgeons, 49 Ways To Improve Your Managed Care Contract Results, September 17, 1998, Atlanta, Georgia (6 hours)

Society of Cardiovascular and Interventional Radiology, A Multidisciplinary Approach to Vascular Care Meeting, April 30, 1999-May 1, 1999, Rosemont, Illinois (11 hours)

North Broward Hospital District, Domestic Violence, August 3, 1999, Fort Lauderdale, Florida (1 hour)

North Broward Hospital District, HIV/AIDS Update Independent Study, August 13, 1999, Fort Lauderdale, Florida (2 hours)

North Broward Hospital District, Bioethics at the Bedside: End of Life Care, August 18, 1999, Fort Lauderdale, Florida (2hours)

ProMedica International, CTT 2000, The 6<sup>th</sup> Annual Cardiothoracic Techniques & Technologies, January 27-29, 2000, Bal Harbour, Florida (26 hours)

The Mount Sinai School of Medicine, Aortic Surgery Symposium VII, April 27-29, 2000 (15 hours)

Eclipse Surgical Technologies, Regional Training for TMR with Eclipse Surgical, July 11, 2000

Florida Heart Institute, Florida Hospital, Certification Course in Holmium Laser Transmyocardial Revascularization (TMR), July 11, 2000, Orlando, Florida (7 hours)

Westside Regional Medical Center, Cardiovascular Update, September 23-24, 2000, Marco Island, Florida (6 hours)

CME Resource, Florida Domestic Violence, Fort Lauderdale, Florida, September 9, 2001 (1 hour)

CME Resource, HIV/AIDS: The Florida Requirement for Physicians, Fort Lauderdale, Florida, October 1, 2001 (5 hours)

CME Resource, Florida Domestic Violence, Fort Lauderdale, Florida, October 1, 2001 (1 hour)

CME Resource, Florida Thoracic Society Meeting, Ocean Reef, Florida, 1999-2003  
CME Resource, CTT Meeting, Miami Beach, Florida, March 2003

CME Resource, STS Meeting

**TEACHING ACTIVITIES (1996)**

General Surgery Medical Student Oral Exams  
4 Quarters of 1995-1996

3<sup>rd</sup> Year General Surgery Student Tutorials  
Jan.-March 1996

M and M Conference  
“Risk Adjusted Cardiac Surgery Mortality Study at the Miami V.A.”  
March 1996

Harvey Cardiology Student Lectures  
Once per Month 1995-1996