

## **CURRICULUM VITAE**

Revised: 06/23/08

**NAME:** J. David Vega, MD

**OFFICE ADDRESS:** The Emory Clinic  
A-2216, 1365 Clifton Road, NE  
Atlanta, GA 30322  
404-778-5289 (Office)  
404-778-4346 (Fax)

**CITIZENSHIP:** United States

### **CURRENT TITLES AND AFFILIATIONS:**

Associate Professor, Department of Surgery  
Division of Cardiothoracic Surgery  
Emory University School of Medicine  
Atlanta GA. September 1, 2001 - Present

Director, Heart Transplant Program  
Emory University Hospital  
Atlanta GA. July 1, 1997 – Present

Chief, Cardiothoracic Surgery  
Veterans Administration Medical Center  
Decatur GA. September 1, 1997 – Present

Associate Professor of Surgery  
Division of Cardiothoracic Surgery  
Wellstar Kennestone Hospital  
Austell GA. March 2, 2006 – Present

Associate Professor of Surgery  
Division of Cardiothoracic Surgery  
Grady Health System  
Atlanta GA. September 24, 2007 - Present

J. David Vega, MD

**PREVIOUS ADMINISTRATIVE AND/OR CLINICAL APPOINTMENTS:**

Assistant Professor, Department of Surgery  
Division of Cardiothoracic Surgery  
Emory University School of Medicine  
Atlanta GA. July 1, 1996 – August 31, 2001

Associate Director, Adult Heart and Lung Transplant Program  
Emory University Hospital  
Atlanta GA. 1996 – June 30, 1997

Director, Lung Transplant Program  
Emory University Hospital  
Atlanta GA. 1997 – 2004

**LICENSURE:** 1996 - Georgia 042471

**SPECIALTY BOARDS:** 1994 - American Board of Surgery, #39299  
1996 - American Board of Thoracic Surgery, #5908

**EDUCATION:**

**College:** 1982 - B.A. (Cum Laude)  
Wake Forest University  
Winston-Salem, NC

**Medical School:** 1986 - M.D.  
University of Michigan  
Ann Arbor, MI

**POSTGRADUATE TRAINING:**

Intern, General Surgery  
University of Texas Health Science Center  
Houston, TX  
Supervisor: Frank G. Moody, MD  
1986 - 1987

Resident, General Surgery  
University of Texas Health Science Center  
Houston, TX  
Supervisor: Frank G. Moody, MD

J. David Vega, MD

1987 - 1988

Research Fellow, Cardiovascular Surgery  
Texas Heart Institute  
Houston, TX  
Supervisor: O. H. Frazier, MD  
1988 - 1990

Resident, General Surgery  
University of Texas Health Science Center  
Houston, TX  
Supervisor: Frank G. Moody, MD  
1990 - 1992

Chief Resident, General Surgery  
University of Texas Health Science Center  
Houston, TX  
Supervisor: Frank G. Moody, MD  
1992 - 1993

Resident, Thoracic and Cardiovascular Surgery  
Texas Heart Institute  
Houston, TX  
Supervisor: Denton A. Cooley, MD  
1993 - 1995

Fellow, Cardiopulmonary Transplantation  
University of Pittsburgh Medical Center  
Pittsburgh, PA  
Supervisor: Bartley P. Griffith, MD  
1995 - 1996

**COMMITTEE MEMBERSHIPS:**

**National:** Member, Ad Hoc Committee on Circulatory Support & Thoracic Transplantation, The Society of Thoracic Surgeons  
January, 2001 - January, 2002

Member, Clinical Education Resource Group  
The Society of Thoracic Surgeons  
February, 2002 - Present

J. David Vega, MD

Member, OPTN/UNOS Thoracic Organ Transplantation  
Committee

United Network for Organ Sharing  
July 1, 2002 - June 30, 2004

Vice-Chairman, OPTN/UNOS Thoracic Organ  
Transplantation Committee

United Network for Organ Sharing  
July 1, 2004 – June 30, 2006

Member, UNOS Membership & Professional Standards  
Committee (MPSC)

United Network for Organ Sharing  
July 1, 2002 - June 30, 2005

Member, Workforce on Surgical Treatment of End-Stage  
Cardiopulmonary Disease

The Society of Thoracic Surgeons  
January 28, 2004 – January 2005

Member, Executive Committee

Denton A. Cooley Cardiovascular Surgical Society  
October 2004 – Present

Member, OPTN/UNOS Policy Oversight Committee

United Network for Organ Sharing  
October 2005 – June 30, 2006

Member, Advisory Committee on Organ Transplantation  
Health Resources & Services Administration (ACOT)

November 2005 – May 8, 2008

Chairman, OPTN/UNOS Thoracic Organ Transplantation  
Committee

United Network for Organ Sharing  
July 1, 2006 – June 30, 2008

Member, Thoracic Organ Transplantation Committee

American Society of Transplant Surgeons  
July 10, 2006 – December 30, 2009

Member, American College of Surgeons Advisory Council for

J. David Vega, MD

Cardiothoracic Surgery  
(American Society of Transplant Surgeons representative)  
October 13, 2006 – October 15, 2009

Co-Chair, Thoracic Committee  
American Society of Transplant Surgeons  
April 18, 2008 – December 31, 2009

Transplant Member, OPTN/UNOS Board of Directors as Heart  
Representative  
United Network for Organ Sharing  
June 20, 2008 – June 20, 2010

**Regional/State:** Member, LifeLink Foundation Board of Governors  
(Organ Procurement Agency)  
May, 2001 - Present

**Institutional:** Solid Organ Transplant Committee (SOTC)  
Emory University Hospital  
1996 - Present

Member, CEO Advisory Committee  
The Emory Clinic  
February 1, 2003 – Present

Member, Clinical Claims Review Working Group  
The Emory Clinic  
September 2005 - Present

**MANUSCRIPT REVIEWER:**

ASAIO Journal  
January 1999 – Present

Journal of Heart & Lung Transplantation  
2004 - Present

**HONORS AND AWARDS:**

1982 - Graduated Cum Laude  
Wake Forest University  
Winston-Salem, NC

J. David Vega, MD

1988 - 1990: Boehringer Ingelheim Cardiovascular Surgical  
Research Fellow  
Texas Heart Institute  
Houston, TX

1993 - The George P. Waldron Award  
Outstanding General Surgery Chief Resident  
University of Texas Health Science Center  
Houston, TX

2002 - Woodruff Fund Clinical Teaching Support Award in  
Cardiothoracic Surgery  
Emory University School of Medicine

**SOCIETY MEMBERSHIPS:**

American College of Chest Physicians  
Fellow, American College of Surgeons  
American Society for Artificial Internal Organs  
American Society of Transplant Surgeons  
Denton A. Cooley Cardiovascular Surgical Society  
International Society for Heart & Lung Transplantation  
The Society of Thoracic Surgeons  
American Association for Thoracic Surgery

**RESEARCH FOCUS:**

My research focus is on the surgical treatment of advanced heart failure. This encompasses high-risk coronary bypass, mitral valve repair, heart transplantation, and the use of mechanical circulatory support devices as a bridge to transplant or for Destination Therapy. These treatment options and the underlying disease process offer opportunities for collaboration with basic scientists and participation in clinical trials to advance our understanding of the basic pathophysiology and how these treatment options impact survival and quality of life.

**GRANT SUPPORT:**

Principal Investigator, "Prospective, Randomized, Controlled, Open-label Evaluation of the Safety and Efficacy of 'Ready to Use' Celsior® versus Standard Preservation Solutions for Cardiac Transplantation: Clinical Study Protocol #SANG-96-6-H-CELS-OP". SangStat Medical Corporation,

J. David Vega, MD

Fremont, CA and Emory University School of Medicine, Atlanta, GA  
May 1997 - May 1998

Principal Investigator, "Hemodynamic Changes in Membrane Oxygenators".  
COBE Cardiovascular, Inc., Arvada, CO and Emory University School of  
Medicine, Atlanta, GA  
February 1998 – February 1999

Grant from The Carlos and Marguerite Mason Trust for the Thoratec™  
Aria® Ventricular Assist Device System for Emory University Hospital.  
February, 1999 – Present

Principal Investigator, "Phase I Clinical Evaluation of the Thoratec™ Aria®  
Coronary Artery Bypass Graft".  
Thoratec™ Laboratories, Pleasanton, CA and Emory University School of  
Medicine, Atlanta, GA  
February, 2001 – 2002

Co-Investigator, "A U.S. Post-Approval Study of the Medtronic  
Bioprosthetic Heart Valve, Aortic Model 305, Mitral Model 310".  
Medtronic, Minneapolis, MN and Emory University School of Medicine,  
Atlanta GA  
March 12, 2001 – March 11, 2002

Co-Investigator, "Biology Biomechanics and Atherosclerosis".  
NIH # R01 HL 70531 and Emory University School of Medicine, Atlanta,  
GA  
June 1, 2002 – May 31, 2007

Principal Investigator, "HeartMate II Study". Award # 06060503.  
Agency: Thoratec™ Laboratories, Pleasanton, CA and Emory University  
School of Medicine, Atlanta, GA  
July 14, 2006 – July 14, 2008

**CLINICAL SERVICE CONTRIBUTIONS:**

Medicare approval for Lung Transplant Program, Emory University  
Hospital, 1998

**MEDICAL STUDENT TEACHING:**

April, 1997 - May 1997:

Mentor to four M3 students:

J. David Vega, MD

Sarice Bassin, Jennifer Burger, Myles Reedy, Preston Stewart

February, 1998 - March, 1998: Mentor to four M3 students:  
Heather Hill, Farraz Kerendi, Pamela Krahl, Howard Peters

April, 1999 - May, 1999: Mentor to four M3 students:  
Hans Chang, Paul Dudley, Laura Helton, Strutha Rouse

February, 2000 - March, 2000: Mentor to four M3 students:  
Charmaine Chibar, Jon Lampkin, David Pae, Janet Witte

April, 2001 – May, 2001: Mentor to five M3 students:  
Stephen Beckwith, Joseph Crisalli, Jennifer Filip, Michael Liao,  
Alexandra Saral

April, 2002 – May, 2002: Mentor to five M3 students:  
Michael Bosley, Carter Gibson, Melissa Odom, Jonathan Paul,  
David Richards

April, 2003 – May 2003: Mentor to three M3 students:  
Jaydeep Bhat, Glenda Ferguson, Richard Joseph

November 11, 2003: Conducted dissection lab (anatomy of the heart) for  
M1 students

Advisor to two residents: 2002 – 2003  
Cullen Morris, MD and Ryan Burke, MD

April, 2005 – May 2005: Mentor to four M3 students:  
Tove Goldson, Shveta Shah, Amy McEwan, Ryan Crisel

April, 2006 – May 2006: Mentor to three M3 students:  
Courtney Hancock, Melissa Levack, Whitney Milligan

**SUPERVISORY TEACHING:**

July 1, 1996 - June 30, 1997: Gregory D. Trachiotis, MD  
Heart and Lung Transplant Fellow

July 1, 1996 – Present: Cardiothoracic Surgical Residency 3-  
year program, Emory University  
School of Medicine

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**SEMINAR INVITATIONS:**

1. "PTLD in thoracic transplantation." Pittsburgh Transplantation Institute Conference 1996, Pittsburgh PA. April 1996
2. "Heart and Lung Transplantation."  
Workshop entitled "Organ and Tissue Donation - A Team Approach" sponsored by LifeLink of Georgia and Promina Gwinnett Health System, Lawrenceville GA December 1996
3. "Current Status of Heart Transplantation."  
Emory Heart Center Conference. Emory University School of Medicine. Atlanta GA December 1, 1997
4. "Fast Tracking Heart Transplant Surgery Patients".  
University Health System Consortium Heart Transplant Clinical Benchmarking Meeting. Chicago IL. April 21, 1998
5. "Use of Mechanical Circulatory Support."  
Emory Heart Center Conference. Emory University School of Medicine. Atlanta GA May 4, 1998
6. "Being the Best That You Can Be". Panel Discussion.  
2<sup>nd</sup> Annual Wellness Conference, Georgia Transplant Foundation. Atlanta GA November 7, 1998
7. "VAD Bridge to Transplant."  
Carlos & Marguerite Mason Trust Georgia Donation & Transplantation Conference. Marietta GA. May 8, 2000
8. "LVAD'S Gone Bad."  
27<sup>th</sup> Annual Meeting of the South Atlantic Cardiovascular Society. Amelia Island FL  
August 4, 2000
9. "Mechanical Bridging to Cardiac Transplantation."  
Transplantation: A journey into our new millennium. Sponsored by Emory University Hospital and Crawford Long Hospital. Atlanta GA  
September 23, 2000
10. "Status and Management of Ventricular Assist Devices."

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- Emory Heart Center Conference. Emory University School of Medicine. Atlanta, GA. November 20, 2000
11. “Lung Transplant Overview.”  
3<sup>rd</sup> Annual Wellness Conference, Georgia Transplant Foundation. Atlanta GA  
October 27, 2001
  12. “Transplants.”  
21<sup>st</sup> Annual Educational Meeting of the Association of Physician Assistants in  
Cardiovascular Surgery. Ft. Lauderdale FL. January 26, 2002
  13. “Heart Transplantation.” Association of Operating Room Nurses-Atlanta  
Chapter. Atlanta GA. February 2, 2002
  14. “The Thoratec™ VAD Experience at Emory.”  
Emory Heart Center Conference. Emory University School of Medicine.  
Atlanta GA. September 9, 2002
  15. “Being the Best That You Can Be.” Panel Discussion.  
5<sup>th</sup> Annual Wellness Conference, Georgia Transplant Foundation. Atlanta GA  
October 5, 2002
  16. “Experience with the Thoratec™ Bi-ventricular Assist Device at Emory  
University Hospital.”  
Department of Surgery Grand Rounds. Emory University School of Medicine.  
Atlanta GA. August 21, 2003
  17. “Cardiac Preservation for Transplantation.”  
City Wide Cardiology Conference. The University of Mississippi Medical  
Center.  
Jackson MS. September 18, 2003
  18. “Cardiac Preservation for Transplantation.”  
Grand Rounds. The University of Mississippi Medical Center.  
Jackson MS. September 19, 2003
  19. “Being the Best That You Can Be.” Panel Discussion.  
7<sup>th</sup> Annual Wellness Conference, Georgia Transplant Foundation. Atlanta GA  
November 8, 2003
  20. “LVADs for Destination Therapy.”  
31<sup>st</sup> Annual Meeting of the South Atlantic Cardiovascular Society.

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Hilton Head SC. July 31, 2004

21. "Surgical Treatment Options for Heart Failure."  
Athens Heart Center. Athens GA. September 28, 2004
22. "Surgical Therapies: Revascularization, Mitral Valve Repair, Surgical Remodeling, Mechanical Circulatory Support and Transplantation."  
Emory University School of Medicine Conference: "Strategies for Improving Heart Failure." Lake Lanier Islands GA. April 16-17, 2005
23. "Five Consecutive Cases of Complicated Endocarditis with Difficult Outcomes."  
32<sup>nd</sup> Annual Meeting of the South Atlantic Cardiovascular Society.  
Kiawah Island Resort SC. July 30, 2005
24. "Ventricular Assist Devices."  
Emory Healthcare Cardiovascular Nursing Conference "Setting the Pace 2007".  
Atlanta GA. April 11, 2007
25. "Ventricular Assist Devices."  
DeKalb Medical Center. Decatur GA  
September 14, 2007

**INVITATIONS TO NATIONAL OR INTERNATIONAL CONFERENCES:**

1. "Posttransplant Lymphoproliferative Disorder after Thoracic Transplantation."  
10th International Meeting, Denton A. Cooley Cardiovascular Surgical Society  
Sun Valley ID. August 1996
2. "A Prospective Randomized Multicenter Trial Comparing Celsior® to Standard Cardiac Preservation Solutions."  
17th Annual Scientific Meeting, American Society of Transplant Physicians  
Chicago IL. May 10, 1998
3. "Outpatient OKT3 for Cardiac Allograft Rejection - Is it safe and cost effective?"  
Poster presentation. 17th Annual Scientific Meeting, American Society of Transplant Physicians. Chicago IL. May 11, 1998
4. "VADS Gone Bad: Cases I'd Never Do Again!"  
19th Annual Meeting, International Society for Heart and Lung Transplantation.  
San Francisco CA. April 24, 1999
5. "Preliminary Results of a Prospective Randomized Multicenter Trial Comparing Celsior® to Standard Preservation Solutions for Cardiac Transplantation."

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11th International Symposium, Denton A. Cooley Cardiovascular Surgical Society.  
Colorado Springs CO. August 1998

6. "Coronary Artery Bypass Surgery in Patients with Diabetes Mellitus: Indications, Prognosis and Follow-up."  
Simposio Internacional "Cardiología '99" - La Cardiología del 2000. Córdoba, Argentina. October 20, 1999
7. "Cardiac Transplant in the Critically Ill Patient."  
Simposio Internacional "Cardiología '99" - La Cardiología del 2000. Córdoba, Argentina. October 22, 1999
8. "Controversy in the Treatment of Unstable Angina: Coronary Bypass Surgery."  
Simposio Internacional "Cardiología '99" - La Cardiología del 2000. Córdoba, Argentina. October 22, 1999
9. "Cardiac Transplant in the 21<sup>st</sup> Century: Alternatives to Cardiac Transplant - the Artificial Heart."  
Simposio Internacional "Cardiología '99" - La Cardiología del 2000. Córdoba, Argentina. October 22, 1999
10. "Preservation Solutions: Formulas for Success."  
2000 Transplant Institute, North American Transplant Coordinators Organization (NATCO). San Diego CA. March 10, 2000
11. "A Comparison of Celsior® to Standard Cardiac Preservation Solutions for Cardiac Transplantation with High-Risk Donors."  
20<sup>th</sup> Annual Meeting and Scientific Sessions, The International Society for Heart and Lung Transplantation. Osaka, Japan. April 8, 2000
12. "Bridge to Cardiac Transplantation: Economic Burden."  
Sanofi-Synthelabo Inc. Advisory Board Meeting. Paris, France.  
September 27-October 1, 2000
13. "Individualizing Immunosuppression after Cardiac Transplantation."  
Texas Heart Institute 10<sup>th</sup> Anniversary Symposium. Houston TX. March 2, 2002
14. "Thoratec® BiVAD Patient Selection."  
Thoratec® Corporation Investigators & Users Meeting. Scottsdale AZ.  
May 16-18, 2002
15. "Chronic Aortic Dissection is Not a Contraindication to Orthotopic Cardiac

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- Transplantation.”  
Denton A. Cooley Cardiovascular Surgical Society 13<sup>th</sup> International Symposium.  
Carlsbad CA. July 17-21, 2002
16. “Update on Lung Transplantation.”  
12<sup>th</sup> Annual Update on Cardiopulmonary Bypass, Society of Cardiovascular Anesthesiologists. Whistler BC Canada, March 21, 2007
  17. “Mechanical Assist Devices as a Bridge to Transplantation.”  
12<sup>th</sup> Annual Update on Cardiopulmonary Bypass, Society of Cardiovascular Anesthesiologists. Whistler BC Canada, March 21, 2007
  18. “Update on Heart Transplantation.”  
Columbus Regional Medical Center. Columbus GA. March 28, 2007
  19. “International Heart Allocation”  
27<sup>th</sup> Annual Meeting, International Society for Heart and Lung Transplantation.  
San Francisco CA, April 27, 2007
  20. “The New Heart Allocation System: Is it working as designed?”  
Denton A. Cooley Cardiovascular Surgical Society 15<sup>th</sup> International Symposium.  
Houston TX, October 25-27, 2007
  21. “The New Heart Allocation System: Is it working as designed?”  
Texas Heart Institute 16<sup>th</sup> Annual Symposium.  
Houston TX, March 7-8, 2008

#### **BIBLIOGRAPHY:**

1. Radovancevic B, Nakatani T, Frazier OH, Moncrief CL, Vega J, Haupt H, Duncan JM: Mechanical circulatory support for perioperative donor heart failure. *Trans Am Soc Artif Intern Organs* 35:539-541, 1989
2. Radovancevic B, Poindexter S, Birovljev S, Velebit V, McAllister HA, Duncan JM, Vega D, Lonquist JL, Burnett CM, Frazier OH: Risk factors for the development of accelerated coronary artery disease in cardiac transplant recipients. *Eur J Cardiothorac Surg* 4:309-313, 1990
3. Radovancevic B, Birovljev S, Frazier OH, Duncan JM, Bennink G, Sweeney MS, McAllister HA, Burnett CM, Vega JD, Lonquist JL, Van Buren CT: Long-term follow-up of cyclosporine-treated cardiac transplant patients. *Transplant Proc* 22(3 Suppl 1):21-24, 1990

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4. Duncan JM, Burnett CM, Vega JD, Lonquist JL, Radovancevic B, Birovljev S, Etheridge WB, Barcenas CG, Frazier OH: Rapid placement of the hemopump and hemofiltration cannula. *Ann Thorac Surg* 50:667-669, 1990
5. Burnett CM, Radovancevic B, Birovljev S, Frazier OH, Duncan JM, Vega JD, Lonquist JL, Sweeney MS: Concomitant donor heart coronary bypass grafting during orthotopic heart transplantation. *Texas Heart Institute Journal* 17(2):126-128, 1990
6. Vega JD, Poindexter S, Radovancevic B, Burnett CM, Lonquist JL, Birovljev S, Duncan JM, Frazier OH: Nutritional assessment of patients with extended left ventricular assist device (LVAD) support. *Trans Am Soc Artif Intern Organs* 36(3):555-558, 1990
7. Burnett CM, Vega JD, Radovancevic B, Lonquist JL, Birovljev S, Sweeney MS, Duncan JM, Frazier OH: Improved survival after hemopump insertion in patients experiencing postcardiotomy cardiogenic shock during cardiopulmonary bypass. *Trans Am Soc Artif Intern Organs* 36(3):626-629, 1990
8. Burnett CM, Duncan JM, Vega JD, Lonquist JL, Sweeney MS, Frazier OH: Heart transplantation in Jehovah's Witnesses. *Arch Surg* 125 (11):1430-1433, 1990
9. Radovancevic B, Birovljev S, Vega JD, Lonquist JL, Sweeney MS, Vasiljevic JD, Van Buren CT, Kerman RH, Frazier OH: Inverse relationship between human leukocyte antigen match and development of coronary artery disease. *Transplant Proc* 23(1):1144-1145, 1991
10. Burnett CM, Birovljev S, Radovancevic B, Vega JD, Lonquist JL, Lammermeier DE, Duncan JM, Sweeney MS, Frazier OH: Adjuvant native heart surgery during heterotopic heart transplantation: Two case reports. *J Heart Lung Transplant* 10(6):1023-1025, 1991
11. Frazier OH, Vega JD, Duncan JM, Springer AJ, Burnett CM, Lonquist JL, Birovljev S, Radovancevic B: Coronary artery bypass two years after orthotopic heart transplantation: A case report. *J Heart Lung Transplant* 10(6):1036-1040, 1991
12. Birovljev S, Radovancevic B, Burnett CM, Vega JD, Bennink G, Lonquist JL, Duncan JM, Frazier OH: Heart transplantation after mechanical circulatory support: Four years' experience. *J Heart Lung Transplant* 11(2 Part 1):240-245, 1992
13. Frazier OH, Duncan JM, Radovancevic B, Vega JD, Baldwin RT, Burnett CM, Lonquist JL: Successful bridge to heart transplantation with a new left ventricular

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- assist device. *J Heart Lung Transplant* 11(3):530-537, 1992
14. Lonquist JL, Radovancevic B, Vega JD, Burnett CM, Birovljev S, Saade NG, Duncan JM, Frazier OH: Re-evaluation of steroid tapering after steroid pulse therapy for cardiac rejection. *J Heart Lung Transplant* 11(5):913-919, 1992
  15. Lewis CTP, Cooley DA, Murphy MC, Talledo O, Vega D: Surgical repair of aortic root aneurysms in 280 patients. *Ann Thorac Surg* 53(1):38-46, 1992
  16. Burnett CM, Sweeney MS, Frazier OH, Duncan JM, Vega JD, Radovancevic B: Improved multiorgan function in heart transplant candidates requiring prolonged univentricular support. *Ann Thorac Surg* 55(1):65-71, 1993
  17. Nesbitt JC, Vega D, Burke T, Mackay B: Cellular schwannoma of the bronchus. *Ultrastruct Pathol* 20(4): 349-54, 1996
  18. Boujoukos AJ, Martich GD, Vega JD, Keenan RJ, Griffith BP: The effect of reperfusion injury on the early postoperative course of pulmonary hypertensive and emphysema single lung transplant recipients. *J Heart Lung Transplant* 16(4):439-448, 1997
  19. Vega JD, Kanter KR, Lawrence EC: Lung transplantation: A current perspective. *J Medical Assoc of Georgia* 87(2):105-107, 1998
  20. Kanter KR, Vega JD, Smith AL: Heart transplantation - Current perspectives. *J Medical Assoc of Georgia* 87(2): 141-144, 1998
  21. Trachiotis GD, Johnston TS, Vega JD, Crocker IR, Chesnut N, Lutz JF, Smith AL, Kanter KR: Single-field total lymphoid irradiation in the treatment of refractory rejection after heart transplantation. *J Heart Lung Transplant* 17:1045-1048, 1998
  22. Pham SM, Rao AS, Zeevi A, McCurry KR, Keenan RJ, Vega JD, Kormos RL, Hattler BG, Fung JJ, Starzl TE, Griffith BP: Effects of donor bone marrow infusion in clinical lung transplantation. *Ann Thorac Surg* 69(2):345-350, 2000
  23. Tambur AR, Bray RA, Takemoto SK, Mancini M, Costanzo MR, Kobashigawa JA, D'Amico CL, Kanter KR, Berg A, Vega JD, Smith AL, Roggero A, Ortelgel JW, Wilmoth-Hosey L, Cecka JM, Gebel HM: Flow cytometric detection of HLA-specific antibodies as a predictor of heart allograft rejection. *Transplant* 70(7): 1055-1059, 2000
  24. Gradek WQ, D'Amico C, Smith AL, Vega D, Book WM: Routine surveillance

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- endomyocardial biopsy continues to detect significant rejection late after heart transplantation. *J Heart Lung Transplant* 20(5): 497-502, 2001
25. Vega JD, Ochsner JL, Jeevanandam V, McGiffin DC, McCurry KR, Mentzer RM Jr, Stringham JC, Pierson RN III, Frazier OH, Menkis AH, Staples ED, Modry DL, Emery RW, Piccione W Jr, Carrier M, Hendry PJ, Azia S, Furukawa S, Pham SM: A multicenter, randomized controlled trial of Celsior for flush and hypothermic storage of cardiac allografts. *Ann Thorac Surg* 71:1442-1447, 2001
  26. Morris CD, Vega JD, Levy JH, Buist NN, Smith AL, Despotis GJ, Kanter KR: "Warfarin therapy does not increase bleeding in patients undergoing heart transplantation." *Ann Thorac Surg* 72:714-718, 2001
  27. Sorescu D, Weiss, D, Lassègue B, Clempus RE, Szöcs K, Sorescu GP, Valppu L, Quinn MT, Lambeth JD, Vega JD, Taylor R, Griendling KK: Superoxide production and expression of nox family proteins in human atherosclerosis. *Circulation* 105(12):1429-1435, 2002
  28. Nunley DR, Gal AA, Vega JD, Perlino C, Smith P, Lawrence EC: Saphrophytic fungal infections and complications involving the bronchial anastomosis following human lung transplantation. *Chest* 122(4):1185-1191, 2002
  29. Tanaka KA, Vega JD, Kelly AB, Hanson SR, Levy JH: Eptifibatide-induced thrombocytopenia and coronary bypass operation. *Thrombosis Haemostasis* 1(2)392-394, 2003
  30. Sorescu GP, Sykes M, Weiss D, Platt MO, Saha A, Hwang J, Boyd N, Boo YC, Vega JD, Taylor WR, Jo H: Bone morphogenic protein 4-produced in endothelial cells by oscillatory shear stress stimulates an inflammatory response. *J Biol Chem* 278(33):31128-31135, August 15, 2003
  31. Trachiotis GD, Vega JD, Johnston TS, Berg A, Whelchel J, Smith AL, Lutz J, Kanter KR: Ten-year follow-up in patients with combined heart and kidney transplantation. *J Thorac Cardiovasc Surg* 126(6):2065-2071, December 2003
  32. Tanaka KA, Szlam F, Katori N, Vega JD, Levy JH: Evaluation of a novel kallikrein inhibitor on hemostatic activation in vitro. *J Thromres* 113:333-339, 2004
  33. Tanaka KA, Szlam F, Kelly AB, Vega JD, Levy JH: Clopidogrel (Plavix®) and cardiac surgical patients: implications for platelet function monitoring and postoperative bleeding. *Platelets* 15(5): 325-332, 2004

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34. Rayan SS, Vega JD, Shanewise JS, Kong LS, Chaikof EL, Milner R: Repair of mycotic aortic pseudoaneurysm with a stent graft using transesophageal echocardiography. *J Vasc Surg* 40(3):567-570, 2004
35. Tanaka KA, Szlam F, Katori N, Sato N, Vega JD, Levy JH: The effects of Argatrovan on thrombin generation and hemostatic activation *in vitro*. *Anesth Analg* 99:1283-1289, 2004
36. Simpson K, Lee EK, Hott BJ, Vega JD, Book WM: Long-term results of angioplasty vs stenting in cardiac transplant recipients with allograft vasculopathy. *J Heart Lung Transplant* 24(9): 1211-1217, 2005
37. Ferrara DE, Weiss D, Carnell PH, Vito RP, Vega D, Gao X, Nie S, Taylor WR: Quantitative 3D fluorescence technique for the analysis of en face preparations of arterial walls using quantum dot nanocrystals and two-photon excitation laser scanning microscopy. *Am J Physiol Regul Integr Comp Physiol* 290(1):R114-123, 2006
38. Sun B, Gliddens DP, Long Jr R, Taylor WR, Weiss D, Joseph G, Vega D, Oshinski JN: Characterization of coronary atherosclerotic plaque using multicontrast MRI acquired under simulated *in vivo* conditions. *J Magn Reson Imaging* 24:833-841, 2006
39. Platt, MO, Ankeny RF, Shi G, Weiss D, Vega, JD, Taylor WR, Jo H: Expression of cathepsin K is regulated by shear stress in cultured endothelial cells and is increased in endothelium in human atherosclerosis. *Am J Physiol Heart Circ Physiol* 292:H1479-H1486, March 2007
40. Kogon B, Shah N, Villari C, Book W, McConnell M, Parks J, Vega D: Cardiac transplantation in a patient with effective single left lung physiology. *Transplantation* 84(1):128-130, July 15, 2007
41. Chang K, Weiss D, Suo J, Vega JD, Giddens D, Taylor WR, Jo H: Bone morphogenic protein antagonists are coexpressed with bone morphogenic protein 4 in endothelial cells exposed to unstable flow *in vitro* in mouse aortas and in human coronary arteries: Role of bone morphogenic protein antagonists in inflammation and atherosclerosis. *Circulation* 116: 1258-1266, September 2007
41. Sun B, Giddens DP, Long Jr R, Taylor WR, Weiss D, Joseph G, Vega D, Oshinski JN: Automatic plaque characterization employing quantitative and multicontrast MRI. *Magn Reson Med* 59(1):174-180. January 2008

J. David Vega, MD

**BOOK CHAPTERS:**

1. Keenan RJ and Vega JD: Lung transplantation for emphysema. In: Franco KL and Putnam Jr JB, eds. Advanced therapy in thoracic surgery. Hamilton: BC Decker Inc., 1998:347-353
2. Martich GD and Vega JD: Heart transplantation. In: Grenvik A, Ayres SM, Holbrook PR and Shoemaker WC, Eds. Textbook of critical care. Philadelphia: WB Saunders Company, 2000:1958-1965
3. Reddy SV and Vega JD: Ventricular assist devices and cardiac transplantation. In: Lubin MF, Ed. Medical management of the surgical patient. A textbook of perioperative medicine. 4<sup>th</sup> edn. Cambridge: Cambridge University Press, 2006:589-591.

**ABSTRACTS:**

1. Frazier OH, Vega JD, Radovancevic B, Parnis SM, Haupt H, Moncrief CL, Duncan JM: A new circulatory support device for cardiogenic shock following cardiac surgery, myocardial infarction, or cardiac transplantation. Texas Surgical Society, April 1989
2. Radovancevic B, Nakatani T, Frazier O, Moncrief C, Vega D, Duncan J, Haupt H: Mechanical circulatory support as treatment for perioperative donor heart failure. Am Soc Artif Intern Organs, May 1989, p 16
3. Frazier OH, Diethrich EB, Burnett CM, Johansson B, Vega JD, Radovancevic B, Lonquist JL, Birovljev S: Initial results of excimer laser angioplasty as an adjunct to coronary bypass surgery. Laser Surgery Symposium, February 1990
4. Radovancevic B, Birovljev S, Frazier OH, Vega JD, McAllister HA, Lonquist JL, Burnett CM, Poindexter S, Duncan JM, Sweeney MS, Kahan BD, Van Buren CT, Kerman RH: The relationship between HLA mismatch and the incidence of coronary artery disease in cyclosporine-treated recipients. Proc 16th Ann Sci Mtg, Amer Soc Transplant Surgeons, May 1990, p 95
5. Burnett CM, Radovancevic B, Vega JD, Lonquist JL, Birovljev S, Abou-awdi N, Sweeney MS, Duncan JM, Frazier OH: Salvage of patients failing to wean from cardiopulmonary bypass (CPB) using the hemopump (HP). Trans Am Soc Artif Intern Organs 19:59, 1990
6. Vega JD, Poindexter S, Ludwig M, Radovancevic B, Burnett CM, Lonquist JL,

J. David Vega, MD

- Birovljev S, Sweeney MS, Duncan JM, Frazier OH: Nutritional assessment in patients with extended left ventricular assist device (LVAD) support. *Trans Am Soc Artif Intern Organs* 19:59, 1990
7. Vega JD, Frazier OH, Duncan JM, Burnett CM, McGee MG, Radovancevic B, Lonquist JL, Birovljev S: Univentricular support as a bridge to cardiac transplantation. *Cardiovascular Science and Technology: Basic and Applied, I. Precised Proceedings*, 290-291, 1990
  8. Vega JD, Radovancevic B, Burnett CM, Lonquist JL, Van Buren CT, Kerman RH, Birovljev S, Duncan JM, Frazier OH: Influence of gender on allograft rejection in cardiac transplantation. *J Am Coll Cardiol* 15(2):36A, 1990
  9. Burnett CM, Duncan JM, Radovancevic B, Birovljev S, Vega JD, Lonquist JL, Frazier OH, Cooley DA: The hemopump: Experience with 45 consecutive transvalvular assist devices at the Texas Heart Institute. Denton A. Cooley Cardiovascular Surgical Society 7th International Symposium, Acapulco, Mexico, August 1990, p 39
  10. Radovancevic B, Birovljev S, Burnett CM, Vega JD, Lonquist JL, Duncan JM, Frazier OH, Cooley DA: Cyclosporine in cardiac transplantation - long-term results. Denton A. Cooley Cardiovascular Surgical Society 7th International Symposium, Acapulco, Mexico, August 1990, p 35
  11. Frazier OH, Radovancevic B, Birovljev S, Burnett CM, Vega JD, Lonquist JL, Duncan JM, Cooley DA: Long-term support with the TCI left ventricular assist device as a bridge to transplant. Denton A. Cooley Cardiovascular Surgical Society 7th International Symposium, Acapulco, Mexico, p 40, August 1990
  12. Lonquist JL, Radovancevic B, Vega JD, Burnett CM, Birovljev S, Saade NG, Duncan JM, Frazier OH: Steroid taper after steroid pulse therapy for cardiac transplant rejection: A re-evaluation. *The International Society for Heart Transplantation. J Heart and Lung Transplant* 10(1 Part 2):189, 1991
  13. Burnett CM, Vega JD, Radovancevic B, Lonquist JL, Birovljev S, Hochman L, Duncan JM, Sweeney MS, Frazier OH: Extended support with a left ventricular assist device improves hepatic dysfunction prior to transplantation. *Trans Am Soc Artif Intern Organs* 20:47, 1991
  14. Burnett CM, Sweeney MS, Frazier OH, Duncan JM, Vega JD, Radovancevic B: Improvement in multi-organ dysfunction with prolonged univentricular support. *Proceedings, Southern Thoracic Surgical Association*, p 52, 1992

J. David Vega, MD

15. Burnett CM, Duncan JM, Vega JD, Vershave K, Radovancevic B, Frazier OH: Peripheral vascular disease in cardiac transplant candidates: A contraindication to cardiac transplantation? Denton A. Cooley Cardiovascular Surgical Society 8th International Symposium, Puerto Rico, p 45, 1992
16. Pham SM, Keenan RJ, Kawai A, Vega JD, Boyle GJ, Webber SA, Iacono A, Nunley D, Dauber J, Kurland G, Nalesnik M, Williams P, Yousem SA, Griffith BP: Posttransplant lymphoproliferative disease after lung transplantation. *J Heart and Lung Transplant* 15(1 Part 2):60, 1996
17. Vega JD, Brard L, Pham SM, Kormos RL, Keenan RJ, Griffith BP: Posttransplant lymphoproliferative disorder after thoracic transplantation. Denton A. Cooley Cardiovascular Surgical Society 10th International Symposium, Sun Valley ID, p 30, August 1996
18. Trachiotis GD, Kanter KR, Vega JD, Crocker IR, Smith AL, Johnston TS, Chesnut N, Lutz JF. Single field total lymphoid irradiation (TLI) in the treatment of refractory rejection following heart transplantation. *J Heart and Lung Transplant* 16(1):96, 1997
19. Trachiotis G, D'Amico C, Johnston T, Smith A, Lutz J, Vega JD, Kanter K. Short or long term support with Novacor left ventricular assist device provides an effective bridge to transplantation. *Am Soc Artif Intern Organs* 43:2, p 37, 1997
20. Lovett L, Trachiotis GD, Kanter KR, Vega JD, Perlino CA, Lawrence EC: The case for matching lung transplant donors and recipients for CMV status. *Amer J of Respiratory and Critical Care Medicine* 155(4), part 2 of 2, p A-274, April 1997
21. Trachiotis GD, Sathavorn CS, Smith AL, Kanter KR, Vega JD, Lutz JF, Vincent RN, Berg A, Gravanis MB, Johnston TS: Chronic methotrexate therapy for recurrent rejection after heart transplantation. Proceedings, 16th Annual Meeting Amer Soc of Transplant Physicians, Chicago, IL, p 209, May 1997
22. Trachiotis GD, Kanter KR, Vega JD, Berg A, Welchel J, Smith AL, Johnston TS, Lutz JF: Five year follow-up in patients with combined heart and kidney transplantation. Proceedings, 23rd Annual Scientific Meeting Amer Soc of Transplant Surgeons, Chicago, IL, p A-298, May 1997
23. Vega JD, Kanter KR, Trachiotis GD, D'Amico CL, Smith Al, Johnston TS, Lutz JF: Outpatient OKT3 for cardiac allograft rejection - Is it safe and cost effective? *Transplantation* 65(8)(Suppl):233, 1998

J. David Vega, MD

24. Vega D, Jeevanandam V, Ochsner J, Womble D, Schroeder TJ: A prospective randomized multicenter trial comparing Celsior® to standard cardiac preservation solutions. *Transplantation* 65(8)(Suppl):95, 1998
25. Smallwood GA, Perlino CA, Vega JD, Heffron TC, Stieber AC, Gordon RG: Comparison of pre-emptive therapy based on PCR with prophylaxis for prevention of CMV disease occurrence in high risk transplant patients. *Transplantation* 65(8)(Suppl):190, 1998
26. Vega D, Berg A, Womble D: Preliminary results of a prospective randomized multicenter trial comparing Celsior® to standard preservation solutions for cardiac transplantation. Denton A. Cooley Cardiovascular Surgical Society 11th International Symposium, Colorado Springs, CO, p 28, August 1998
27. Burke-Martindale CH, Vega JD, Kanter KR, Perlino CA, Lawrence EC: Should matching Epstein-Barr virus serologic status between donor and recipient in patients undergoing lung transplantation be considered? *Transplantation* 67(7)(Suppl):39, 1999
28. Vega JD, Levy JH, Buist NN, Allen MB, Smith AL, Lu W, Kanter K: Does warfain increase bleeding in patients undergoing heart transplantation? *Transplantation* 67(7)(Suppl):105, 1999
29. Vega JD, Stringham JD, Staples ED: A prospective randomized multicenter trial comparing Celsior® to standard preservation solution. *Transplantation* 67(9)(Suppl):653, 1999
30. Bongiorno P, Vega JD, Sammons B, Ronson RS, Wright C, Symbas P, Guyton RA: Benefit of carotid screening in Veterans Administration patients undergoing elective primary coronary bypass surgery. 25th Annual Meeting of The Western Thoracic Surgical Association, Lake Tahoe, CA, June 1999
31. Bray RA, D'Amico CL, Kanter KR, Smith AL, Wilmoth-Hosey L, Berg A, Vega JD: FlowPRA™, flow cytometric crossmatch and HLA-DR matching are predictors of early rejection episodes in cardiac transplantation. *J Heart and Lung Transplant* 19(1):39, 2000
32. Vega JD, Staples ED, McGiffin DC, Stringham JC: A comparison of Celsior® to standard cardiac preservation solutions for cardiac transplantation with high-risk donors. *J Heart and Lung Transplant* 19(1):77, 2000

J. David Vega, MD

33. Kanter KR, Berg AM, Bray RA, Vincent RN, D'Amico CL, Holcomb JE, Vega JD: Positive retrospective crossmatch after pediatric heart transplantation--Should we worry? *J Heart and Lung Transplant* 19(1):84, 2000
34. Lawrence EC, Vega JD, Kanter KR, Gal AA, Perlino CA, Waggener PG, Burke-Martindale CH: Itraconazole may limit disseminated but not anastomotic infections with *Aspergillus* following lung transplantation. *Am J Respir Crit Care Med* 161:A364, 2000
35. Gradek QW, D'Amico C, Vega D, Smith AL, Book WM: Routine surveillance endomyocardial biopsy continues to detect significant rejection late after orthotopic heart transplantation. *Transplantation* 69(8):S271, 2000
36. Haselden AE and Vega JD: Successful explantation of the Thoratec biventricular assist device in a patient with acute viral myocarditis. Syllabus for the 15<sup>th</sup> Annual Meeting of the American Association of Cardiovascular and Pulmonary Rehabilitation, Tampa, FL, p 556, September 2000
37. Sorescu D, Daiana W, Vega JD, Griendling KK, Taylor WR: Localization of superoxide production and expression of the NAD(P)H oxidase subunit P22phox in human coronary artery. *Circulation* 102(18):II301, 2000
38. Nunley DR, Gal AA, Vega JD, Perlino C, Smith P, Lawrence EC: Saprophytic infections and complications involving the bronchial anastomosis following lung transplantation. *AJCCRM* 163(5), p A325, April 2001
39. Hasleden AE, McTeague KK, Vega JD: Case Report: Efficacy of the six minute walk test to document a training effect in a patient supported with the Thoratec Biventricular Assist Device. *AACVPR Syllabus*, p 466, September 2001
40. Sorescu D, Weiss D, Lassègue B, Szöcs K, Vega JD, Taylor WR, Griendling KK: Expression of the NAD(P)H oxidase subunits in human coronary arteries. *Circulation* 104(17):II41, 2001
41. Chen EP, Tam VKH, Vega JD: Chronic aortic dissection is not a contraindication to orthotopic cardiac transplantation. 13<sup>th</sup> International Symposium of the Denton A. Cooley Cardiovascular Surgical Society, Carlsbad, CA, July 2002
42. Simpson I, Mehta PK, Hott, BJ, Vega JD, Book WM: Long-term results of angioplasty versus stenting in cardiac transplant recipients with allograft vasculopathy. *J Heart Lung Transplant* 23(2S):S154, February 2004

J. David Vega, MD

43. Kobashigawa JW, Miller LW, Felker GM, Russel SD, Ewald GA, Zucker M, Goldberg L, Eisen HJ, Rayburn BK, Wagoner LE, Philbin E, Pereira N, Czerska B, Kormos RL, Weston M, Conte J, Hosenpud J, Aaronson K, Hill J, Copeland JG, Czer L, Anderson A, Dec GW, Torre-Amione G, Yancy CW, Vega JD, Farcho JA, Mancini D, Bhat G, First R, Fitzsimmons W, Tolzman D, Slam K, Gao J: 12 month report of a 3 arm multicenter comparison of tacrolimus (TAC), MMF or TAC/sirolimus (SRL) and steroids vs cyclosporine microemulsion (CYA), MMF and steroids in de novo cardiac transplant recipients. *J Heart Lung Transplant* 24(2S):S61, February 2005
44. Foster WQ, Murphy A, Vega JD, Book WM: Hepatitis B vaccination in heart transplant candidates. *J Heart Lung Transplant* 24(2S):S78, February 2005
45. Ramirez AM, Pelaez A, Vega D, Force S, Lawrence EC, Tangpricha V: Hypovitaminosis D is associated with accelerated bone loss in lung transplant recipients. *J Heart Lung Transplant* 25(2S):S66, February 2006
46. Reddy VS, Mykytenko J, Smith A, Hott B, Book W, Laskar SR, D'Amico C, Vega JD: Diminished pre-operative creatinine clearance is not a marker for post-operative renal failure or mortality in heart transplant recipients. *J Heart Lung Transplant* 25(2S):S137, February 2006
47. Song H, Weiss D, Vega JD, Taylor WR, Jo H: Loss of BMPRII expression in endothelium induces inflammation in vitro and correlates with atherosclerosis progression in human coronary arteries. *Atherosclerosis, Thrombosis and Vascular Biology Annual Conference 2007, Chicago IL, p 168, April 19-21, 2007*
48. D'Amico C, Georgiopoulou V, Kalogeropoulos A, Giamouzis G, Anarado P, Larned J, Waheed S, Book W, Bavikati V, Laskar S, Agha S, Smith A, Vega JD, Butler J: Utility of Seattle heart failure model in patients with advanced heart failure treated with implantable cardioverter defibrillators and/or biventricular pacemakers. *J Heart Lung Transplant* 27(2S):S126, February 2008
49. Larned J, Georgiopoulou V, Kalogeropoulos A, Giamouzis G, Anarado P, Waheed S, Bavikati V, Vega JD, Book W, Laskar S, Agha SA, D'Amico C, Smith A, Butler J: Utility of Seattle heart failure model in medically treated patients with advanced heart failure. *J Heart Lung Transplant* 27(2S):S182, February 2008