



- Alabama license # 19848, 1996, active
- Pennsylvania temporary license # TL000823L, 1999, inactive
- Massachusetts temporary license # 206412, 2000, inactive
- Georgia license # 28697, 2003, active

**9. Specialty Boards**

- Federal Licensure Examination, 1986
- American Board of Surgery #36058, issued Feb 26, 1991
- American Board of Thoracic Surgery #5427, issued June 4, 1993, re-certified, Dec 5, 2001

**10. Education**

- AB (Philosophy), Duke University, Durham, NC, 1976-1980
- Postgraduate study, Duke University, 1980-1981
- MD, University of North Carolina School of Medicine, Chapel Hill, NC, 1981-1985
- MBA, Emory University, Goizueta Business School, Atlanta, GA, 2006-2008

**11. Postgraduate Training**

- Emory University Affiliate Hospitals, Atlanta, GA, Internship-General Surgery, 1985-1986
- Emory University Affiliate Hospitals, Atlanta, GA, Residency-General Surgery, 1986-1989
- Emory University Affiliate Hospitals, Atlanta, GA, Chief Resident-General Surgery, 1989-1990
- University of Michigan Hospitals, Ann Arbor, MI, Fellowship-Cardiothoracic Surgery, 1990-1992

**12. Military or Government Service**

- Circulatory Devices Panel of the Medical Devices Advisory Committee, Center for Device and Radiological Health, Food and Drug Administration, Washington, DC, 2005-present

**13. Committee Memberships**

- a. National and International
  1. Executive Committee and Board of Directors, International Society for Minimally Invasive Cardiothoracic Surgery (ISMICS), 2007-present
  2. AATS/STS Work Force on Evaluation of New Technology, 2003-present
  3. Co-chair, AATS/STS Task Force on Percutaneous Valve Technology, 2004-2005
  4. Tech-Con AATS/STS Workforce, 2008-present
  5. Heart Valve Society of America, Therapeutic Interventions Council, 2005-2007
- b. State
  1. Executive Council, FL Society of Thoracic & Cardiovascular Surgeons, 1995-2001
  2. Society of Thoracic Surgeons Representative to the Carrier Advisory Committee (Georgia) for the Center of Medicare and Medicaid Services (CMS) 2005-present
- c. Institutional
  - Emory University:
    1. Emory University Hospital Operating Room Committee, 2005-present
  - Emory Heart and Vascular Center:
    1. Coronary Vascular Disease Committee, 2006-present
  - Sacred Heart Hospital, Pensacola, FL:
    1. Blood Bank Committee, 1993-1996
    2. Trauma Committee, 1996-1999
    3. Intensive Care Committee, 1999-2002
  - Baptist Hospital, Pensacola, FL:
    1. Surgical Services Committee, 1995-1998
    2. Intensive Care Committee, 1998-2002

Cardiology Consultants, PA, Pensacola, FL:

1. Executive Committee, 1998-2003

Duke University:

1. Alumni Admissions Advisory Committee, 2004-present

**14. Consulting Positions**

- Computer Motion Incorporated, Goleta, CA, 1998-2003
- Quest Medical Incorporated, Atlanta, GA, 1999-2002
- Medtronic Incorporated, Minneapolis, MN, 2001-2004
- Guidant Corporation, Santa Clara, CA, 2003-2006
- Esteck Corporation, Danville, CA, 2004-2005
- Valleylab (Tyco Healthcare), Boulder, CO, 2004-2007
- Institute of Human and Machine Cognition, Pensacola, FL, 2000-present
- Circulatory Devices Panel of the Medical Devices Advisory Committee, Center for Device and Radiological Health, Food and Drug Administration, Washington, DC, 2005-present
- Maquet Cardiovascular (formerly Guidant/Boston Scientific Corp.), Bridgewater, NJ, 2006-present
- Heart Leaflet Technologies Inc., Medical Advisory Board, Minneapolis, MN, 2008- present.

**15. Editorships and Editorial Boards**

- Editorial Board, International Society for Minimally Invasive Cardiothoracic Surgery (ISMICS), 2001-2007.
- Editorial Board, The Heart Surgery Forum, 2001-present

**16. Manuscript Reviewer**

- Circulation
- Annals of Thoracic Surgery
- Journal of Thoracic and Cardiovascular Surgery
- The Heart Surgery Forum
- Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery
- International Journal of Cardiology
- Future Medicine Publication Series

**17. Honors and Awards**

- Bausch and Lomb Science Award, 1976
- Cum laude, A.B., Duke University, 1980
- Medical Research Award, University of North Carolina, 1984
- Founder: Cardiac Surgery program, Cardiology Consultants, Pensacola, FL, 1993
- Performed first homograft implantation in NW Florida, 1995
- Established first minimally invasive cardiac program in NW Florida, 1997
- Performed first robotic-assisted cardiac procedure in Florida, 1998
- Founder: Baptist Hospital cardiac surgery program, Pensacola, FL, 1998
- Performed world's first totally endoscopic CAB with Zeus, Moscow, Russia, 1999
- American Heart Association, Pensacola Heart Ball, Honorary Chairman, 2000
- "Computer World" Excellence Award, 2001
- Performed first robotic internal mammary artery harvest in United States with Zeus, 2001
- "Computer World" Excellence Award, 2002
- One of three best abstracts, Cardiothoracic Techniques and Technologies (CTT) Annual Meeting, 2003
- Wallace H. Coulter Translational/Clinical Research Grant Recipient, 2004
- Wallace H. Coulter Translational/Clinical Research Grant Recipient, 2005

- Southern Thoracic Surgical Association (STSA) President's Award for best scientific paper, 2005
- Georgia Research Alliance Venture Lab Phase I Grant Recipient, 2005
- University Research Committee Grant Award, 2006
- Georgia Research Alliance Venture Lab Phase II Grant Recipient, 2006
- Beta Gamma Sigma Honor Society, Goizueta Business School, 2008

#### **18. Society Memberships**

- American Medical Association (AMA), 1985-1992
- Georgia Medical Society, 1985-1990
- Medical Association of Atlanta, 1985-1990
- Fellow, American College of Surgeons (FACS), 1988-present
- Fellow, Society of Thoracic Surgeons (STS), 1990-present
- Work Force on Evaluation of New Technology, 2003-present
- Co-chair, Task Force on Percutaneous Valve Technology, 2004-2005
- John Alexander Society, University of Michigan, 1992-present
- Florida Medical Society, 1992-2003
- Pensacola Surgical Society, 1993-2002
- Escambia County Medical Society, 1993-2003
- Fellow, American College of Cardiology (FACC), 1995-present
- Fellow, American College of Chest Physicians (FACCP), 1995-present
- Florida Society of Thoracic and Cardiovascular Surgeons, Executive Councilor, 1995-2001
- Southern Thoracic Surgical Society (STSA), 1996-present
- Asian Society of Thoracic and Cardiovascular Surgery, 2002-2004
- International Society of Minimally Invasive Cardiothoracic Surgery (ISMICS), 2002-present
- European Association for Cardiothoracic Surgery (EACTS), 2002-present
- Heart Valve Society of America (HVSA), 2005-present

#### **19. Organization of National or International Conferences**

- Conference Director, Key Issues in the Development of Percutaneous Heart Valve Technology (STS/AATS/SCAI/FDA/CMS), Washington, DC, April 22, 2004
- Program Committee, Annual Scientific Meeting, International Society for Minimally Invasive Cardiothoracic Surgery (ISMICS), June, 2005
- Program Committee and Chair of Poster Sessions, Annual Scientific Meeting, International Society for Minimally Invasive Cardiothoracic Surgery (ISMICS), June, 2006

#### **20. Ongoing Research**

- THE PARTNER TRIAL: Placement of Aortic Transcatheter Valves Trial: Edwards SAPIEN™ Transcatheter Heart Valve. Co-investigator (Edwards Lifesciences)
- Development of a Set of Devices and Techniques for the Minimally Invasive Treatment of Aortic Stenosis. Co-principle investigators: Thomas A. Vassiliades, MD (Inventor), Ajit Yoganathan, PhD (Wallace H. Coulter Foundation, Translational Research Grant, Georgia Institute of Technology; Georgia Research Alliance Venture Lab Grant)
- EVEREST Percutaneous Mitral Valve Repair. Local Principle Investigators: Peter Block, MD and Thomas A. Vassiliades, MD (Evalve Corp.)
- Randomized Evaluation of a Surgical Treatment for Off Pump Repair of the Mitral Valve (RESTOR-MV). Local Principal Investigator: Thomas Vassiliades (Myocor Corp.)
- Valvular and Ventricular Improvement via iCoapsys Delivery (VIVID) Feasibility Study. Co-investigator: Thomas A. Vassiliades, MD (Myocor Corp.)
- Tele-robotic interfaces to enhance reduced-gravity surgical capabilities. Primary Investigators: Anil Raj, MD, Thomas A. Vassiliades, MD, Paul Bach-y-Rita, MD, Sergey Drakunov, PhD. (NASA Ground Based Studies for Human Health in Space)

- Evaluation of a Novel Device Platform to Prevent and Treat Congestive Heart Failure. Local Principle Investigators: Andrew Smith, MD and Thomas A. Vassiliades, MD (Paracor Medical Inc.)
- Development of a Novel Off-pump Device for the treatment of Functional Mitral Regurgitation. Consultant. (Maquet Cardiovascular).

**21. U.S. Patents**

- Tissue Spreader with Force Measurement, Force Indication or Force Limitation. U.S. Patent 6,730,021 (5/4/2004)
- A New Apicoaortic Connector System and Method for Using. U.S. Patent Pending
- Surgical Instruments and Methods for use in reduced-access surgical sites. U.S. Patent Pending
- A New Apicoaortic Connector System and Method for Using. Continuation-in-part U.S. Patent Pending
- Vascular Conduit and System for Implanting. U.S. Patent Pending
- Vascular Access to Extra-vascular Space. U.S. Patent Pending

**22. Grant Support**

- Wallace H. Coulter Translational Research Seed Grants (\$200,000) 2004-2005 and 2005-2006
- Guidant Corporation Research Grant (\$30,000) 2005
- Georgia Research Alliance Venture Lab Grant Phase I (\$42,000) 2005 - 2006
- University Research Committee (\$23,100) 2006
- Georgia Research Alliance Venture Lab Grant Phase II (\$200,000) 2006-2007

**23. Formal Teaching**

- Co-Director of Advanced Techniques in Coronary Revascularization STS University Course. Society of Thoracic Surgeons Annual Meeting. Fort Lauderdale, FL. January 30, 2008.
- Director, Emory Cardiac Thoracoscopy Course. 2004-2005.
- Faculty, Clinical Seminar Series, Georgia Institute of Technology. 2005-present

**24. Training Programs**

- Co-Director of Advanced Techniques in Coronary Revascularization STS University Course. Society of Thoracic Surgeons Annual Meeting. Fort Lauderdale, FL. January 30, 2008.
- Emory Cardiac Thoracoscopy Course. Director and Faculty. Atlanta, GA, Sept 14-15, 2005, Feb 17-18, 2005, Dec 9-10, 2004
- Cardiac Surgery Fellows Course, Faculty, Atlanta, GA, Dec 4-5, 2004
- Multi-vessel Closed Chest CAB. Faculty, Cardiac Surgery Fellows Course. Minneapolis, MN, May 16, 2003
- Endoscopic Atraumatic CAB Course. Director/Faculty. Pensacola, FL, Feb 3, 2000, Feb 3-4, 2002, Sept 13-14, 2002, May 8-9, 2002, March 22-23, 2002, May 2-3, 2003, March 17-18, 2003, June 17-18, 2003
- Endoscopic Atraumatic CAB Course, Director/Faculty, Goleta, CA, July 22, 2000, March 22-23, 2001, July 20-21, 2001, Sept 28-29, 2001, Nov 16-17, 2001 Jan 11-12, 2002
- Endoscopic Atraumatic CAB Course, Director/Faculty, Chicago, IL, Nov 26-27, 2001
- Endoscopic Atraumatic CAB Course, Faculty, University of Pittsburgh, Pittsburgh, PA, Aug 24-25, 2001
- Cardiothoracic Techniques and Technologies Self-Assessment Course, Faculty, New Orleans, LA, Jan 23, 2001
- Thoracoscopic IMA Harvesting, Mentoring Live Case, Cleveland Clinic, Fort Lauderdale, FL, Oct 19, 2000
- Off – Pump CABG, Minimally – Invasive Cardiac Surgery Course, Live case, Massachusetts General Hospital and Instructor, Cambridge, MA, May 25-26, 2000

- Off – Pump CABG, Minimally – Invasive Cardiac Surgery Course, Live case, Univ. of Massachusetts, and Instructor, Genzyme Corporation, Cambridge, MA, Dec 15, 1999, Feb 17-18, 2000
- Robotic Assisted Cardiac Surgery, Live case, East Caroline University, and Instructor, Computer Motion Course, Greenville, NC March 24-25, 2000
- Robotic-Assisted Video Endoscopic Internal Mammary Artery Harvesting, Faculty, Minimally Invasive Services Training Institute, Baltimore, Maryland, June 5, 1999
- Off – Pump CABG, Minimally – Invasive Cardiac Surgery Course, Faculty, Genzyme Corporation, Cambridge, MA, Aug. 13, 1998, Oct. 23, 1998, Dec 11, 1998, March 19, 1999, June 25, 1999, Aug. 27, 1999
- Off – Pump CABG, IRCAD, Faculty, Strasbourg, France, Oct 9, 1998
- Minimally – Invasive Cardiac Surgery Course, Faculty, Advanced Laparoscopy Training Center, Atlanta, GA, Dec 1, 1997, Jan. 16/17, 1998, March 13/14, 1998, June 19/20, 1998

## **25. Supervisory Teaching and Case Mentoring**

- EndoACAB Case Mentoring, Beth Israel Deaconess, Boston, MA, Dec 12, 2005
- OPCAB Case Mentoring, Wyoming Medical Center, Casper, WY, March 20-21, 2002, St. Antonius Ziekenhuis, Utrecht, Netherlands, June 20, 2001, London, Oxford, Nottingham, UK, June 12-14, 2001, Stuttgart, Lahr, Bad Grouzenigen, and Marborg, Germany, Aug 14-18, 2000
- EndoACAB Technical Review. STS University Course. Society of Thoracic Surgeons Annual Meeting. Fort Lauderdale, FL. January 30, 2008.

## **26. Lectureships, Seminar Invitations, Visiting Professorships, Live Case Demonstrations**

1. The Endoscopic Atraumatic Coronary Artery Bypass: a Technical Overview. STS University Course. Society of Thoracic Surgeons Annual Meeting. Fort Lauderdale, FL. January 30, 2008.
2. Invited Discussant to: USA Feasibility Study of Transcatheter Insertion of Stented Aortic Valve Via Left Ventricular Apex. Society of Thoracic Surgeons Annual Meeting. Fort Lauderdale, FL. January 29, 2008.
3. Case Demonstration and lecture: Minimally Invasive Approaches to Coronary Artery Disease and Valve Disease. Emory Practical Interventional Course. Atlanta, GA. April 25-27, 2007
4. Thoracoscopic Approach to Epicardial Lead Implantation in Adult Patients with Previous Congenital Cardiac Surgery. Annual Meeting of the International Society of Cardiothoracic Surgery (ISMICS). San Francisco, CA. June 9, 2006
5. Minimally Invasive Approaches to Coronary Artery Disease and Valve Disease. Emory Practical Interventional Course. Atlanta, GA. April 28, 2006
6. Integrated Coronary Revascularization. 21<sup>st</sup> Annual Cardiovascular Conference in Hawaii. Kona, Hawaii, February 16, 2006
7. Percutaneous Heart Valve Technology. 21<sup>st</sup> Annual Cardiovascular Conference in Hawaii. Kona, Hawaii, February 16, 2006
8. EndoACAB: is it ready for most surgeons? Tech Con Program of the Society of Thoracic Surgeons. Chicago, IL, January 29, 2006
9. Integrated Coronary Revascularization Using Drug-Eluting Stents, New Era Cardiac Care meeting. Newport Beach, CA, January 7, 2006
10. Building a Successful Practice, New Era Cardiac Care meeting. Newport Beach, CA, January 6, 2006
11. Superiority of using bipolar radiofrequency energy for internal mammary artery harvesting. Annual meeting of the Southern Thoracic Surgical Society. Orlando, FL, November 11, 2005
12. Long-term Results of the Endoscopic Atraumatic Coronary Artery Bypass. Annual meeting of the Southern Thoracic Surgical Society. Orlando, FL, November 10, 2005
13. Live Demonstration of Hybrid Coronary Revascularization. Transcatheter Cardiovascular Therapeutics Meeting, October 18, 2005
14. Hybrid Coronary Revascularization. Queen of the Valley Hospital Regional Heart Center Symposium, October 15, 2005

15. Cardiac Surgery in the Adult Patient: A Primer for Biomedical Engineers. Georgia Institute of Technology, Atlanta, GA, October 10, 2005
16. Hybrid Strategies in the Treatment of Coronary Artery Disease. Controversies in the Treatment of Cardiovascular Disease Annual Meeting, Santa Monica, CA, October 6, 2005
17. Integrated Coronary Revascularization Using Drug Eluting Stents: Immediate and Midterm Outcome. Western Thoracic Surgical Society Annual Meeting, Victoria, BC, June 24, 2005
18. Endovascular Valve Therapies: Initial Directions and Perspectives. International Society of Minimally Invasive Cardiothoracic Surgery (ISMICS). New York, NY, June 4, 2005
19. Applying Current Mini-pump Technology to Less-Invasive Cardiac Surgery Symposium: An Overview of Minimized Cardiopulmonary Bypass Systems: Incorporating Minimized Bypass Into the Cardiac Surgery Practice. New York, NY, June 2, 2005
20. EndoACAB: Live case presentation and lecture, Emory Practical Intervention Course (EPIC), Atlanta, GA, April, 2005
21. The Endoscopic Atraumatic Coronary Artery Bypass. Emory Nursing Symposium, Setting the Pace. Atlanta, GA, March 30, 2005
22. Integrated Coronary Revascularization. Grand Rounds. New York University, New York, NY, March 19, 2005
23. The Economics of Integrated Coronary Artery Revascularization ICR Symposium. Innsbruck, Austria, February 2005
24. Drug Eluting Stents and LIMA to LAD: The Emory Experience. ICR Symposium. Innsbruck, Austria, February 2005
25. Drug-eluting Stents and LIMA to LAD, the future of coronary revascularization? Emory Heart Center Conference, Emory University School of Medicine, Atlanta, GA, Jan 10, 2005
26. Hybrid Revascularization: the best or worst of both worlds? American Heart Association National Meeting, New Orleans, LA, Nov 5, 2004
27. Translational Research. Panel Discussion. Coulter Grant Foundation. Georgia Institute of Technology. Atlanta, GA, Sept 27, 2004
28. Robotic Coronary Artery Surgery. Heart Center Annual Conference. Medical College of South Carolina. Columbia, SC, Oct 2, 2004
29. Robotic-Assisted EndoACAB Leading to Hybrid Revascularization. South Atlantic Cardiovascular Society. Hilton Head, SC, July 30, 2004
30. Long-term Results of Minimally Invasive Grafting Using the Internal Mammary Artery. International Society of Minimally Invasive Cardiothoracic Surgery (ISMICS). London, UK, June 24, 2004
31. EndoACAB: Live case presentation and lecture, Emory Practical Intervention Course (EPIC), Atlanta, GA, April 29 and 30, 2004
32. The Economics of Integrated Coronary Revascularization. ICR Symposium. Innsbruck, Austria, February 2004
33. Integrated Coronary Revascularization, Distinguished Visiting Professor. Case Western Reserve University, Cleveland, OH, Feb 10, 2004
34. Endo CAB: Here Now, Not There Later? Tech Con Session of Society of Thoracic Surgeons (STS) National Meeting, San Antonio, TX, Jan 25, 2004
35. An Interdisciplinary Approach to Cardiovascular Disease Intervention, Cardiology Conference Emory University Hospital, Atlanta, GA, Dec 15, 2003
36. Hybrid Coronary Artery Revascularization. LaGrange Medical Center, LaGrange, GA, Nov 20, 2003
37. Integrated Coronary Revascularization. Cardiology Conference. Crawford W. Long Hospital of Emory University, Atlanta, GA, March 25, 2003
38. Integrated Coronary Revascularization. Cardiology Conference. Emory University Hospital, Atlanta, GA, March 24, 2003
39. Multivessel Off-Pump Grafting with Preservation of the Intact Thorax. One of Three Best Abstracts. Cardiothoracic Techniques and Technologies Meeting, Miami, FL, March 20, 2003
40. Multi-vessel, All-Arterial, Off-Pump Surgical Revascularization Without Disruption of the Thoracic Skeleton. Cardiothoracic Techniques and Technologies Meeting, Miami, FL, March 20, 2003
41. Stretching the Limits of Off-Pump Grafting of the Postero-lateral Wall. Cardiothoracic Techniques and Technologies Meeting, Miami, FL, March 19, 2003

42. The Economics of Hybrid Revascularization. Cardiothoracic Techniques and Technologies Meeting, Miami, FL, March 19, 2003
43. Endoscopic Atraumatic Coronary Artery Bypass. Pre-CTT Meeting Faculty, Miami, FL, March 19, 2003
44. Integrated Coronary Revascularization. Third Annual Hayama Heart Surgery, Seminar, Hayama, Japan, March 2, 2003
45. Endoscopic Atraumatic Coronary Artery Bypass Grafting. Third Annual Hayama Heart Surgery Seminar, Hayama, Japan, March 2, 2003
46. Multi-vessel EndoACAB. Live Case Demonstration. Challenging Procedures in Cardiac Surgery, Bologna, Italy, Feb 10, 2003
47. Integrated Coronary Artery Revascularization. Grand Rounds. Univ. of California, Los Angeles, CA, Feb 4, 2003
48. Endoscopic Atraumatic CAB. Live Case Demonstration. Annual Meeting of the Society of Thoracic Surgeons, San Diego, CA, Jan 31, 2003
49. The endoACAB Operation: Clinical Outcome and Techniques, National Congress of the Italian Society of Cardiac Surgery. Rome. Italy, Nov 25, 2002
50. Off-Pump, Closed-Chest Coronary Artery Bypass Grafting, National Congress of the Italian Society of Cardiac Surgery. Rome. Italy, Nov 23, 2002
51. Off-Pump Apico-aortic Conduit Insertion for High-Risk Patients with Aortic Stenosis, Annual Meeting of European Association for Cardiothoracic Surgery, Monte Carlo, Monaco, Sept 24, 2002
52. Update on the endoACAB Operation, Zeus User's Meeting at the Annual Meeting of European Association for Cardiothoracic Surgery, Monte Carlo, Monaco, Sept 22, 2002
53. A Unilateral Approach to Bilateral Thoracoscopic Internal Mammary Harvesting, Annual Techno-College Meeting of European Association for Cardiothoracic Surgery, Monte Carlo, Monaco, Sept 21, 2002
54. Future Directions in Coronary Surgery, Invited Faculty, Medtronic Endoscopic Coronary Workshop, Sunnyvale, CA, Aug 22-23, 2002
55. Tele-mentoring using the Socrates System, Invited Faculty, Cleveland Clinic FL, Weston, FL, July 19, 2002
56. Integrated Coronary Revascularization, Visiting Lecturer, Cedars Sinai Medical Center, Los Angeles, CA, July 9, 2002
57. Coronary Perfusion Methods during Off-Pump Coronary Artery Bypass (OPCAB): Results of a Prospective Randomized Clinical Trial, International Society of Minimally Invasive Cardiac Surgery, New York, NY, June 22, 2002
58. Effects of Obesity in Endoscopically Assisted Coronary Artery Bypass Operations, International Society of Minimally Invasive Cardiac Surgery, New York, NY, June 21, 2002
59. Live Case Demonstrations: EndoACAB with Zeus Robotic System, Kasrl El Aini Hospital, Cairo, Egypt, March 13-15, 2002
60. Integrated Coronary Revascularization, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, MA, Feb 27, 2002
61. Progress in CABG, Leadership Pensacola: Innovations in Healthcare, Pensacola, FL, Feb 14, 2002
62. Progress in CABG, Scientific Session, Onassis Heart Center, Athens, Greece, Feb 8, 2002  
Live Case Demonstrations: OPCAB Techniques, Onassis Heart Center, Athens, Greece, Feb 8, 2002
63. Intra-operative Graft Patency Assessment, Cardiothoracic Techniques and Technologies Annual Meeting, Miami Beach, FL, Jan 26, 2002
64. Multi-vessel Endoscopic Assisted Atraumatic CAB, Cardiothoracic Techniques and Technologies Annual Meeting, Miami Beach, FL, Jan 25, 2002
65. Evaluation of a New Temperature Management System During Off-Pump Coronary Artery Bypass, Cardiothoracic Techniques and Technologies Annual Meeting, Miami Beach, FL, Jan 24, 2002
66. Does Coronary Artery Perfusion During Off-Pump Coronary Artery Bypass Improve Myocardial Performance? Cardiothoracic Techniques and Technologies Annual Meeting, Miami Beach, FL, Jan 24, 2002
67. Live Case Demonstration: Endoscopic Atraumatic CAB, Cardiothoracic Techniques and Technologies Annual Meeting, Miami Beach, FL, Jan 24, 2002
68. Live Case Demonstration: EndoACAB on the World Wide Web, Sacred Heart Hospital Pensacola, FL, Dec 4, 2001

69. Surgical Robots Increase Revenue and Profits, A Web Radio Series Featuring Interviews With Health-Care Opinion Leaders, IPOdesktop.com, Nov 27, 2001
70. Sudden Hemodynamic Collapse during Off-Pump Coronary Artery Bypass (OPCAB), Southern Thoracic Surgical Association Annual Meeting, San Antonio, TX, Nov 8, 2001
71. Cardiac Surgery Update, Health Excellence and Fitness Annual Symposium, Pensacola, FL, Nov 7, 2001
72. Intra-operative Graft Assessment during OPCAB, Medtronic OPCAB Course, Orlando, FL, Nov 2, 2001
73. Robotic - Assisted CABG Using the Zeus Surgical System, Conference on Surgical Robotics, United Healthcare Consortium, Atlanta, GA, Sept 11, 2001
74. Minimally Invasive Surgery: The End of the Beginning, Pensacola Surgical Society, Pensacola, FL, July 9, 2001
75. Atraumatic Coronary Artery Bypass: Technique and Outcome, International Society of Minimally Invasive Cardiac Surgery, Munich, Germany, June 29, 2001
76. Technical Aids to Performing Thoracoscopic Internal Mammary Artery Harvesting, International Society of Minimally Invasive Cardiac Surgery, Munich, Germany, June 28, 2001
77. The Cardiovascular Effects of Carbon Dioxide Insufflation and Single – Lung Ventilation during Thoracoscopic Internal Mammary Artery Harvesting, International Society of Minimally Invasive Cardiac Surgery, Munich, Germany, June 28, 2001
78. Off Pump Coronary Bypass Surgery: Technique and Outcomes, Endoscopic, Robotic Coronary Bypass Surgery: Outcomes and Technique, Live Case Demonstration, Clinic Hospital Universitari, Institute de Malalties Cardiovasculars, Barcelona, Spain, June 21, 2001
79. OPCAB Techniques, OPCAB Training Course of STS/AATS, Faculty, Dallas, TX, June 11, 2001
80. Atraumatic Coronary Artery Bypass, Minimally Invasive Cardiac Surgery / Outcomes Meeting, Key West, FL, May 27, 2001
81. Live Case Demonstration, Multi-vessel Off Pump CABG, Advanced Cardiac Techniques in Surgery, Lennox Hill Hospital, New York, NY, May 4, 2001
82. Live Case Demonstration, Endoscopic IMA Harvest, University of Sao Paulo School of Medicine, Sao Paulo, Brazil, April 12, 2001
83. A Clinical Report of Endoscopy and Robotics in Coronary Artery Bypass Grafting, University of Sao Paulo School of Medicine, Sao Paulo, Brazil, April 11, 2001
84. Live Case Demonstration, Endoscopic IMA Harvest, The Cardiac Surgery Institute, Porto Allegre, Brazil, April 11, 2001
85. A Clinical Report of Endoscopy and Robotics in Coronary Artery Bypass Grafting, The 28<sup>th</sup> National (Brazil) Congress of Cardiac Surgery, Ouro Preto, Brazil, April 7, 2001
86. Endoscopy and Robotics in Cardiac Surgery, The 9<sup>th</sup> Annual Meeting of the Asian Society of Cardiovascular Surgery, Nagoya, Japan, March 30, 2001
87. Future Trends in Cardiovascular Surgery, The 9<sup>th</sup> Annual Meeting of the Asian Society of Cardiovascular Surgery, Nagoya, Japan, March 29, 2001
88. The Role of Endoscopy and Robotics in Cardiac Surgery, The Association of periOperative Registered Nurses (AORN) Annual Congress, Dallas, TX, March 11, 2001.
89. First Robotic IMA Harvest using Zeus in the United States, Sacred Heart Hospital, Pensacola, FL, Feb 13, 2001
90. Future Coronary Surgery: The Role of Endoscopy and Robotics, Grand Rounds, Philadelphia Heart Institute, Philadelphia, PA, Feb 8, 2001.
91. The Cardiovascular Effects of Carbon Dioxide Insufflation and Single-Lung Ventilation during Thoracoscopic Internal Mammary Artery Harvesting, Cardiothoracic Techniques and Technologies Meeting, New Orleans, LA, Jan 25, 2001
92. Off-Pump Grafting of the Main Circumflex Coronary Artery in the Atrioventricular Groove via Sternotomy, Cardiothoracic Techniques and Technologies Meeting, New Orleans, LA, Jan 24, 2001
93. OPCAB Techniques, Faculty, Beating Heart Bypass Mini-Symposium, Cardiothoracic Techniques and Technologies Meeting, New Orleans, LA, January 23, 2001
94. Live Case Demonstrations: Thoracoscopic IMA Harvesting in MIDCAB Grafting, Zhongshan Hospital, Fudan University, Shanghai, China; Navy General Hospital, Beijing University People's Hospital, Fuquai Heart Hospital, Beijing, China, Nov 13-17, 2000
95. Endoscopy and Robotics in Cardiac Surgery, Beijing University School of Medicine,

- Beijing, China, Nov 16, 2000 Live Case Demonstration on the World Wide Web: Robotic Assisted Thoracoscopic IMA Harvesting in MIDCAB Procedure, Zhongshan Hospital, Fudan School of Medicine, Shanghai, China, Nov 13, 2000
96. Coronary Occlusion and Perfusion Techniques in OPCAB, New Advances in Cardiovascular Surgery, Sarasota, FL, Nov 8, 2000
  97. Coronary Artery Bypass Surgery: The Next Five Years, Pensacola Chamber of Commerce, Pensacola, Florida, Oct 10, 2000
  98. Endoscopy in Cardiac Surgery, Care of the Cardiac Surgical Patient in the 21<sup>st</sup> Century, Emory University, Atlanta, GA, Sept 17, 2000
  99. Robotics and the Future of Cardiac Surgery, Care of the Cardiac Surgical Patient in the 21<sup>st</sup> Century, Emory University, Atlanta, GA, Sept 17, 2000
  100. Robotic- Endoscopic- Assisted CABG cases, University Hospital, Helsinki, Finland, Sept 4-8, 2000
  101. Off – Pump CABG, Minimally – Invasive Cardiac Surgery Course, Live case, Massachusetts General Hospital, and Instructor, Genzyme Corporation, Cambridge, Massachusetts, July 27-28, 2000
  102. Robotic Assisted Thoracoscopic IMA Harvesting, World Congress on Robotics, Santa Barbara, CA, July 20, 2000
  103. Off – Pump CABG, Minimally – Invasive Cardiac Surgery Course, Live case, Massachusetts General Hospital and Instructor, Genzyme Corporation, Cambridge, MA, June 29-30, 2000
  104. Thoracoscopic IMA Harvesting, Evolve Program, Computer Motion Inc., International Society of Minimally Invasive Cardiac Surgery, Annual Meeting, Atlanta, GA, June 7, 2000
  105. New Techniques and Technology in Cardiac Surgery, American Heart Association, Florida Chapter, Orlando, FL, June 3, 2000
  106. Off – Pump Reoperative CABG, Outcomes 2000, Key West, Florida, May 28, 2000
  107. Report on AESOP Experience, Meeting of the AESOP Advisory Board, Computer Motion Inc., Toronto, Canada, April 30, 2000
  108. Thoracoscopic IMA Harvesting with Robotic Assistance, Live Case Demonstrations, National University Hospital, Singapore, April 18-20, 2000
  109. Robotic-Assisted Thoracoscopic IMA Harvest, Live Case Demonstration, Tampa VA Hospital, Tampa, FL, March 1, 2000
  110. Intermediate-Term Results of Patients Undergoing Robotic-Assisted Thoracoscopic Internal Mammary Artery Harvesting in Minimally Invasive Direct Coronary Artery Bypass Grafting, Cardiothoracic Techniques and Technologies Meeting, Ft. Lauderdale, FL, Jan 29, 2000
  111. Live Case Demonstration on the World Wide Web, OPCAB, Cardiothoracic Techniques and Technologies Meeting, Ft. Lauderdale, FL, Jan 28, 2000
  112. Cardiac Surgery: New Technologies, Rotary Club, Gulf Breeze, FL, Nov. 16, 1999
  113. Coronary Artery Bypass Surgery: The End of the Beginning, Perdido Beach Resort, Orange Beach, AL, Nov. 10, 1999
  114. New Technologies in Cardiac Surgery, Pensacola Health Excellence Symposium, Pensacola, Florida, Nov. 4, 1999
  115. Thoracoscopic Internal Mammary Artery Harvest using Robotic Assistance, Live Case Demonstration, Zeus Users Conference, University Hospital, Grosshadern, Munich, Germany, Oct. 1, 1999
  116. Robotic-Assisted Coronary Artery Bypass Operations, Progress in Health Care. NBC, Sept 23, 1999
  117. Robotics in Cardiac Surgery, Cardiopulmonary Bypass in the 90's, Emory University Atlanta, GA, Sept. 12, 1999
  118. Report on AESOP Experience, First Meeting of the AESOP Advisory Board, Computer Motion Incorporated, Glasgow, Scotland, Sept 5, 1999
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