

NIV AD, M.D.
CARDIOVASCULAR & THORACIC SURGERY ASSOCIATES, P.C.
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FALLS CHURCH, VA 22042
703-280-5858

EDUCATION

M.D. DEGREE

Sackler School of Medicine, 1984–1991

Tel Aviv University
Ramat Aviv, Israel

POSTGRADUATE TRAINING

Residencies:

General Surgery, 1991–1992

Tel Aviv Medical Center, Israel
Director: B. A. Vidne, M.D.

Cardiothoracic Surgery, 1992–1998

Rabin Medical Center, Petah-Tikva, Israel
Director: B. A. Vidne, M.D.

Fellowship:

Thoracic/Cardiovascular Surgery, 1998–1999

Georgetown Medical Center, Washington, D.C.

LICENSURE AND BOARD CERTIFICATION

Virginia Board of Medicine, 2003

Israeli Board of Cardiothoracic Surgery

APPOINTMENTS

HOSPITAL APPOINTMENTS

Chief of Cardiac Surgery

Inova Heart and Vascular Institute and Inova Fairfax Hospital for Children
Falls Church, Virginia
2009–Present

Director of Cardiac Surgery Research
Inova Heart and Vascular Institute and Inova Fairfax Hospital for Children
Falls Church, Virginia
2004–Present

Inova Fairfax Hospital for Children
Falls Church, Virginia
2004–Present

Advisory Board
Inova Heart and Vascular Institute and Inova Fairfax Hospital for Children
Falls Church, Virginia

Hadassah University Hospital
The Hebrew University
Jerusalem, Israel

ACADEMIC APPOINTMENTS

Professor of Surgery
Virginia Commonwealth University School of Medicine
Richmond, Virginia
2004–Present

Graduate Faculty, Molecular and Microbiology Department
George Mason University
Fairfax, Virginia
2009–Present

GOVERNMENT APPOINTMENTS

Circulatory System Devices Panel of the Medical Devices Advisory Committee
Center for Devices and Radiological Health
U.S. Food and Drug Administration
2009–Present

COMMITTEES

Chair, Program Committee
Annual Meeting of the International Society for Minimally Invasive Cardiac Surgery
2013

Program Co-Director
Cardiovascular Research Technologies
2012 and 2013

Workforce on Adult Cardiac and Vascular Surgery
Society of Thoracic Surgeons
2012–2015

Board of Directors
International Society for Minimally Invasive Cardiac Surgery
2011–Present

Task Force on Atrial Fibrillation Module Implementation
Society of Thoracic Surgeons
2010–Present

PROFESSIONAL SOCIETIES

- ◆ The American Association for Thoracic Surgery
- ◆ The Society of Thoracic Surgeons
- ◆ International Society for Minimally Invasive Surgery
- ◆ The Israel Heart Society
- ◆ World Heart Foundation: International Advisory Board
- ◆ Israeli Society of Thoracic Surgeons
- ◆ Cardiothoracic Surgery Network
- ◆ Israeli Heart Research Society
- ◆ European Society of Cardiology
- ◆ 21st Century Cardiothoracic Surgical Society

RESEARCH EXPERIENCE

- ◆ Design of a model for acute myocardial infarction in rats and testing of the bio-effect of low-power laser irradiation on infarct size
- ◆ Preparation of hybrid cells between cardiac myocytes and skeleton muscle satellite cells in cell culture
- ◆ Human atrial pathology: light microscopy and electron microscopy, ion channels, and DNA–RNA expression
- ◆ Primary surgeon for 3F Therapeutics, Inc.: Aortic valve replacement using a new stentless aortic valve (animal study)
- ◆ Primary investigator for PVT, Inc. USA: a new stented aortic and pulmonary valve

- ◆ Mitochondrial function in human atrial tissue
- ◆ Microarrays of human right atrium in patients with atrial fibrillation following cardiac surgery
- ◆ Alteration in Connexin 40 and 43 level during ischemia reperfusion
- ◆ Coronary blood flow in sheep following aortic valve replacement with 3F SAVR valve and St. Jude SPV valve
- ◆ The role of apomorphine and L-DOPA in attenuation of reperfusion injury (pig model)
- ◆ Pulmonary veins and left atrial diameter following cryoablation—prospective study using thin-slice computed tomography
- ◆ The genomics of myocardial fibrosis in patients with metabolic syndrome
- ◆ Understanding the Cardiac Cell Functioning in Successful Outcomes from the Maze Surgical Procedure for Atrial Fibrillation as Verified by Long-Term Monitoring
- ◆ In Vitro Proteomic Analysis of Diseased Aortic Valves

GRANTS AND AWARDS

- 2003** The Hebrew University: “Metabolic Abnormalities in the Atrium as a Risk Factor for Perioperative Atrial Fibrillation” (\$25,000)
- 1999** Tel Aviv University: “Potential Preoperative Markers for the Risk of Developing Atrial Fibrillation After Cardiac Surgery” (\$10,000)
- 1998** The Rabin Medical Center Grant Supporting Research Projects: “Assessment of Ischemic Atrial Damage During Cardiac Surgery Using TUNEL Apoptosis Assay” (\$1,500)
- 1996** Tel Aviv University, Ramot Institute: “The Influence of Low-Power Irradiation on the Outcome of Acute Myocardial Infarction in Rats” (\$16,000)
- 1995** Tel Aviv University: Elkin’s Aware for Best Student in Surgery (\$2,000)
- 1992** Ravid’s Foundation Grant for Medical Students (\$2,000/year for 6 years)

REVIEWER ASSIGNMENTS

Journal of Thoracic and Cardiovascular Surgery

Seminars in Thoracic and Cardiovascular Surgery

Journal of Cardiovascular Surgery

Annals of Thoracic Surgery

Journal of the American College of Cardiology
European Journal of Cardio-Thoracic Surgery
Circulation
Lancet
Journal of Interventional Cardiac Electrophysiology
American Heart Journal
Europace

EDITORIAL BOARDS

Journal of Thoracic and Cardiovascular Surgery
Innovations; The official journal of ISMICS
Cardiovascular Revascularization Medicine including Molecular Interventions

GUEST EDITOR ASSIGNMENTS

Lee AM, Aziz A, Sakamoto S, Schuessler RB, Damiano RJ. Epicardial ablation on the beating heart: limited efficacy of a novel, cooled radiofrequency ablation device. *Innovations* 2009;4:86–92.

Seminars in Thoracic and Cardiovascular Surgery—1999, 2002

PUBLICATIONS

Journals

Henry L, Ad N. Performance of the Cox maze procedure—a large surgical center’s experience. *Ann Cardiothorac Surg* 2014;3(1):62–69.

Ad N, Henry L, Hunt S, Holmes SD. Should surgical ablation for atrial fibrillation be performed in patients with significantly enlarged left atrium? *J Thorac Cardiovasc Surg* 2014;147(1):236–241.

- Ad N, Henry L, Friehling T, Wish M, Holmes SD. Minimally invasive stand-alone Cox maze procedure for patients with nonparoxysmal atrial fibrillation. *Ann Thorac Surg* 2013;96(3):792–799; discussion 798–799.
- Ad N, Holmes SD, Massimiano PS, Pritchard G, Stone LE, Henry L. The effect of the Cox maze procedure for atrial fibrillation concomitant to mitral and tricuspid valve surgery. *J Thorac Cardiovasc Surg* 2013;146(6):1426–1434.
- Ad N, Henry L, Hunt S, Holmes SD, Halpin L. Results of the Cox maze III/IV procedure in patients over 75 years old who present for cardiac surgery with a history of atrial fibrillation. *J Cardiovasc Surg (Torino)* 2013;54(2):281–288.
- Ad N, Henry L, Hunt S, Holmes S. The impact of clinical presentation and surgeon experience on the decision to perform concomitant surgical ablation for atrial fibrillation. *Ann Thorac Surg* 2013;96(3):763–769.
- Ad N, Henry L, Massimiano P, Pritchard G, Holmes SD. The state of surgical ablation for atrial fibrillation in patients with mitral valve disease. *Curr Opin Cardiol* 2013;28(2):170–180.
- Ad N, Henry L, Holmes SD, Stone LE, Hunt S. The association between early atrial arrhythmia and long-term return to sinus rhythm for patients following the Cox maze procedure for atrial fibrillation. *Eur J Cardiothorac Surg* 2013;44(2):295–301.
- Cheema FH, Pervez MB, Mehmood M, Younus MJ, Munir MB, Bisleri G, Barili F, Ayala IL, Ad N, Cox JL, Roberts HG Jr. Does cryomaze injure the circumflex artery? A preliminary search for occult postprocedure stenoses. *Innovations (Phila)* 2013;8(1):56–66.
- LaPar DJ, Crosby IK, Ailawadi G, Ad N, Choi E, Spiess BD, Rich JB, Kasirajan V, Fonner E Jr, Kron IL, Speir AM; Investigators for the Virginia Cardiac Surgery Quality Initiative. Blood product conservation is associated with improved outcomes and reduced costs after cardiac surgery. *Thorac Cardiovasc Surg* 2013;145(3):796–803; discussion 803–804.
- Halpin L, Henry L, Szelkowski L, Hunt S, Vourlekis J, Ad N. Ventilator-associated pneumonia among cardiac surgery patients: what can we do for prevention? *J Nurs Care Qual* 2013;28(4):345–351.
- Yanagawa B, Holmes SD, Henry L, Hunt S, Ad N. Outcome of concomitant Cox maze III procedure using argon-based cryosurgical system: a single center experience with 250 cases. *Ann Thorac Surg* 2013;95(5):1633–1639.
- Ad N, Henry L, Friehling T, Wish T, Holmes SD. Minimally invasive stand-alone Cox maze procedure for patients with nonparoxysmal atrial fibrillation. *Ann Thorac Surg* 2013;96(3):792–798; discussion 798–799.

- Massimiano P, Yanagawa B, Henry L, Holmes SD, Pritchard G, Ad N. Minimally invasive fibrillating heart surgery: a safe and effective approach for mitral valve and surgical ablation for atrial fibrillation. *Ann Thorac Surg* 2013;96(2):520–527.
- Henry L, Hunt S, Holmes S, Martin L, Ad N. Are there gender differences in outcomes after the Cox maze procedure for atrial fibrillation? *Innovations (Phila)* 2013;8(3):190–198.
- Yanagawa B, Burton N, Collaza L, Ad N, Speir A. Combined heart transplant and TEVAR for heart failure secondary to tricuspid atresia palliated with Potts shunt. *Innovations (Phila)* 2013;8(3):242–244.
- Henry L, Ad N. The surgical treatment for atrial fibrillation: ablation technology and surgical approaches. *Rambam Maimonides Med J* 2013;4(3):e0021.
- Speir A, Henry L, Hunt S, Holmes S, Ad N. Health-related quality of life following isolated aortic valve surgery: is earlier intervention better? *J Heart Valve Dis* 2013;22:270–275.
- Henry L, Holmes SD, Lamberti J, Halpin L, Hunt S, Ad N. The definition of chronic lung disease in patients undergoing cardiac surgery: a comparison between the Society of Thoracic Surgeons and the American Thoracic Society/European Respiratory Society Classifications. *J Cardiovasc Surg (Torino)* 2012;53(6):797-804.
- Ad N, Henry L, Hunt S, Holmes SD. Do we increase the operative risk by adding the Cox maze III procedure to aortic valve replacement and coronary artery bypass surgery? *J Thorac Cardiovasc Surg* 2012;143(4):936–944.
- Ad N, Henry LL, Holmes SD, Hunt SL. The impact of surgical ablation for atrial fibrillation in high-risk patients. *Ann Thorac Surg* 2012;93(6):1897–1903; discussion 1903–1904.
- Henry L, Hebsur S, Ad N. The left atrial appendage: should it be resected or oversewn? *Innovations (Phila)* 2012;7(1):1–2.
- Ad N, Henry L, Hunt S. Current role for surgery in treatment of lone atrial fibrillation. *Semin Thorac Cardiovasc Surg* 2012;24(1):42–50.
- Menkis AH, Martin J, Cheng DC, Fitzgerald DC, Freedman JJ, Gao C, Koster A, Mackenzie GS, Murphy GJ, Spiess B, Ad N. Drug, devices, technologies, and techniques for blood management in minimally invasive and conventional cardiothoracic surgery: a consensus statement from the International Society for Minimally Invasive Cardiothoracic Surgery (ISMICS) 2011. *Innovations (Phila)* 2012;7(4):229–241.
- Henry L, Halpin L, Hunt S, Holmes SD, Ad N. Patient disposition and long-term outcomes after valve surgery in octogenarians. *Ann Thorac Surg.* 2012;94(3):744–50.

- Martin LM, Holmes SD, Henry LL, Schlauch KA, Stone LE, Roots A, Hunt SL, Ad N. Health-related quality of life after coronary artery bypass grafting surgery and the role of gender. *Cardiovasc Revasc Med* 2012;13(6):321–327.
- Ad N, Suri RM, Gammie JS, Sheng S, O'Brien SM, Henry L. Surgical ablation of atrial fibrillation trends and outcomes in North America. *J Thorac Cardiovasc Surg* 2012;144(5):1051–1060.
- Ad N. The challenge of defining procedural endpoints for the surgical treatment of atrial fibrillation. *Eur J Cardiothorac Surg* 2012;41(1):119–120.
- Desai S, Henry LL, Holmes SD, Hunt SL, Martin CT, Hebsur S, Ad N. Strict versus liberal target range for perioperative glucose in patients undergoing coronary artery bypass grafting: a prospective randomized controlled trial. *J Thorac Cardiovasc Surg* 2012;143(2):318–325.
- Hunt S, Henry L, Ad N. Using multiple databases to produce comprehensive follow-up in an effort to enhance evaluation of outcome measurements: surgical ablation (maze) exemplar. *J Healthc Qual* 2011;33(3):50–63.
- Ad N, Henry L, Hunt S, Holmes S. The outcome of the Cox maze procedure in patients with previous percutaneous catheter ablation to treat atrial fibrillation. *Ann Thorac Surg* 2011;91(5):1371–1377.
- Ad N, Henry L, Hunt S. The impact of surgical ablation in patients with low ejection fraction, heart failure and atrial fibrillation. *Eur J Cardiothorac Surg* 2011;40(1):70–76.
- Ad N, Henry L, Hunt S. The concomitant cryosurgical Cox maze procedure using argon-based cryoprobes: 12-month results. *J Cardiovasc Surg (Torino)* 2011;52(4):593–599.
- Gourdarzi M, Ross MM, Zhou W, Van Meter A, Deng J, Martin LM, Martin C, Liotta L, Goudarzi M, Ross MM, Zhou W, Van Meter A, Deng J, Martin LM, Martin C, Liotta L, Petricoin E, Ad N. Development of a novel proteomic approach for mitochondrial proteomics from cardiac tissue from patients with atrial fibrillation. *J Proteome Res* 2011;10(8):3484–34892.
- Ad N, Henry L, Hunt S, Holmes S, Burton N, Massimiano P, Rhee J, Rongione A, Speir A, Collazo L. Endoscopic versus direct vision for saphenous vein graft harvesting in coronary artery bypass surgery. *J Cardiovasc Surg (Torino)* 2011;52(5):739–748.
- Henry L, Durrani S, Hunt S, Friehling T, Tran H, Wish M, Del Negro A, Bell M, Ad N. Percutaneous catheter ablation treatment of recurring atrial arrhythmias after surgical ablation. *Ann Thorac Surg* 2010;89(4):1227–1231; discussion 1231–2.
- Ad N, Henry L, Hunt S, Stone L. The implementation of a comprehensive clinical protocol improves long-term success after surgical treatment of atrial fibrillation. *J Thorac Cardiovasc Surg* 2010;139(5):1146–1152.

Ad N, Cheng DC, Martin J, Berglin EE, Chang BC, Doukas G, Gammie JS, Nitta T, Wolf RK, Puskas JD. Surgical ablation for atrial fibrillation in cardiac surgery: a consensus statement of the International Society of Minimally Invasive Cardiothoracic Surgery (ISMICS) 2009. *Innovations (Phila)* 2010; 5(2):74–83.

Cheng DC, Ad N, Martin J, Berglin EE, Chang BC, Doukas G, Gammie JS, Nitta T, Wolf RK, Puskas JD. Surgical ablation for atrial fibrillation in cardiac surgery: a meta-analysis and systematic review. *Innovations (Phila)* 2010;5(2):84–96.

Martin CT, Henry L, Martin L, Ad N. Steps for successful implementation of proteomic research in the OR. *AORN J* 2010;91(2):257–264.

Henry L, Durrani S, Hunt S, Friehling T, Tran H, Wish M, Del Negro A, Bell M, Ad N. Percutaneous catheter ablation treatment of recurring atrial arrhythmias after surgical ablation. *Ann Thorac Surg* 2010;89(4):1227–1231; discussion 1231–1232.

Anderson J, Henry L, Hunt S, Ad N. Bispectral index monitoring to facilitate early extubation following cardiovascular surgery. *Clin Nurse Spec* 2010;24(3):140–148.

Halpin L, Henry L, Dunning E, Hunt S, Barnett S, White J, Ad N. AACN Clinical Issues: Comparison of blood glucose management strategies to achieve control following cardiac surgery (computerized versus paper). *AACN Adv Crit Care* 2010;21(2):146–151.

Ad N, Henry L, Schlauch K, Holmes SD, Hunt S. The CHADS score role in managing anticoagulation after surgical ablation for atrial fibrillation. *Ann Thorac Surg* 2010;90(4):1257–1262.

Tran H, Roy S, Hebsur S, Barnett S, Schlauch K, Hunt S, Holmes S, Ad N. Performance of four risk algorithms in predicting intermediate survival in patients undergoing aortic valve replacement. *Innovations (Phila)* 2010; 5(6):407–412.

Ad N. Invited commentary on: Outcomes for surgical treatment of atrial fibrillation using cryoablation during concomitant cardiac procedures (*Ann Thorac Surg* 2010). *Ann Thorac Surg* 2010;90(5):1527–1528.

Ad N, Henry LL, Halpin L, Hunt SL, Barnett SD, Crippen P, de Bullet S, Lamberti J. The use of spirometry testing prior to cardiac surgery may impact the Society of Thoracic Surgeons risk prediction score: a prospective study in a cohort of patients at high risk for chronic lung disease. *J Thorac Cardiovasc Surg* 2010;139(3):686–691.

Barnett SD, Martin LM, Halpin LS, Ad N. Impact of body mass index on clinical outcome and health-related quality of life following open heart surgery. *J Nurs Care Qual* 2010;25(1):65–72.

Ad N. The quest to identify predictors for success and failure after the Cox maze procedure for the treatment of atrial fibrillation. *J Thorac Cardiovasc Surg* 2010;139(1):117–118.

Henry L, Ad N. Long-term monitoring for patients after surgical ablation of atrial fibrillation: are all devices the same? *Innovations (Phila)* 2010;5(4):259–264.

Ad N, Henry LL, Hunt SL. Minimally invasive cryomaze III procedure performed without aortic clamping. *Innovations (Phila)* 2009;4(3):156.

Ad N. The surgical treatment for atrial fibrillation: should the maze be modified? (Editorial.) *Innovations (Phila)* 2009; 4(5):238–239.

Ad N, Henry L, Hunt S, Barnett S, Stone L. The Cox maze III procedure success rate: comparison by electrocardiogram, 24-hour Holter monitoring, and long-term monitoring. *Ann Thorac Surg* 2009;88(1):101–105.

Bogot NR, Shaham D, Berman PM, Elami A, Sosna J, Ad N. The effect of the cryosurgical Cox maze procedure on pulmonary veins diameter and left atrial size: CT angiographic assessment. *Innovations (Phila)* 2009;4:209–216.

Khandhar S, Nitzschke S, Ad N. Left atrioesophageal fistula following catheter ablation for atrial fibrillation: off bypass, primary repair using an extrapericardial approach. *J Thorac Cardiovasc Surg* 2010;139(2):507–509.

Tran HA, Barnett SD, Hunt SL, Chon A, Ad N. The effect of previous coronary artery stenting on short- and intermediate-term outcome after surgical revascularization in patients with diabetes mellitus. *J Thorac Cardiovasc Surg* 2009;138(2):316–323.

Henry LL, Ad N, Martin LM, Hunt SL, Crippen P. A quality improvement project to optimize patient outcomes following the maze procedure. *J Nurs Care Qual* 2009;24(2):160–165.

Ad N, Barnett SD, Haan CK, O'Brien SM, Milford-Beland S, Speir AM. Does preoperative atrial fibrillation increase the risk for mortality and morbidity following coronary artery bypass grafting? *J Thorac Cardiovasc Surg* 2009;137(4):901–906.

Barnett SD, Ad N. Surgery for aortic and mitral valve disease in the United States: a trend of change in surgical practice between 1998 and 2005. *J Thorac Cardiovasc Surg* 2009;137(6):1422–1429.

Ad N, Barnett SD, Speir AM, Massimiano PS. Institutional and national trends in isolated mitral valve surgery over the past decade. *Curr Opin Cardiol* 2008;23(2):99–104.

Ad N. The surgical treatment for atrial fibrillation: a call for standardization. *J Thorac Cardiovasc Surg* 2008;135(4):727–728.

- Nathan SD, Shlobin OA, Ahmad S, Koch J, Barnett SD, Ad N, Burton N, Leslie K. Serial development of pulmonary hypertension in patients with idiopathic pulmonary fibrosis. *Respiration* 2008;76(3):288–294.
- Halpin LS, Barnett SD, Martin LM, Hunt SL, Henry L, Ad N. Survival and quality of life following elective open-heart surgery. *J Nurs Care Qual* 2008;23(4):369–374.
- Halpin LS, Barnett SD, Henry LL, Choi E, Ad N. Public health reporting: the United States perspective. *Semin Cardiothorac Vasc Anesthesiol* 2008;12(3):191–202.
- Martin LM, Barnett SD, Lefrak EA, Speir AM, Hunt SL, Halpin LS, Mukherjee N, Ad N. The association between early outcome, health-related quality of life and long-term survival following elective open-heart surgery. *J Cardiovasc Nurs* 2008;23(5):432–442.
- Henry LL, Ad N. The maze procedure—a surgical intervention for ablation of atrial fibrillation. *Heart Lung*, 2008;37(6):432–439.
- Ad N, Barnett SD, Speir AM. The performance of the EuroSCORE and the Society of Thoracic Surgeons mortality risk score: the gender factor. *Interact Cardiovasc Thorac Surg* 2007;6(2):192–195.
- Ad N. The multi purse-string maze procedure: a new surgical technique to perform the maze IV procedure without atriotomies. *J Thorac Cardiovasc Surg* 2007;134(3):717–722.
- Seifert PC, Collins J, Ad N. Surgery for atrial fibrillation. *AORN J* 2007;86(1):23–40.
- Marbach-Ad G, Sokolove PG, Seifert P, Barnett S, Taylor N, Ad N Lefrak E. The cardiac surgery observation dome enhances students’ awareness of disease risk factors. *Sch Sci Rev* 2007;89(327):37–43.
- Ad N. The Cox maze procedure: history, results, and predictors of failure. *J Interv Card Electrophysiol* 2007;20(3):65–71.
- Barnett SD, Ad N. Surgical ablation as treatment for the elimination of atrial fibrillation: a meta-analysis. *J Thorac Cardiovasc Surg* 2006;131(5):1029–1035.
- Ad N, Barnett SD, Lefrak EA, Korach A, Pollak A, Gilon A, Elami A. The impact of follow-up on the success rate of the cryosurgical maze procedure in patients with rheumatic heart disease and enlarged atria. *J Thorac Cardiovasc Surg* 2006;131(5):1073–1079.
- Halpin LS, Gilliam P, Barnett SD, Ad N. Gender differences for rapid after bypass back into telemetry tract following cardiac surgery. *J Nurs Care Qual* 2006;21(3):277–282.

Ad N. How do we spell maze? A dialogue concerning definitions and goals. *J Thorac Cardiovasc Surg* 2006;132(6):1253–1255.

Ad N, Schneider A, Borman J, Schwalb H. Right atrial mitochondrial dysfunction and perioperative atrial fibrillation. *J Thorac Cardiovasc Surg* 2005;129(1):41–45.

Izhar U, Ad N, Rudis E, Milgalter E, Korach A, Viola N, Levi E, Asraff F, Merin G, Elami A. When should we discontinue the anti-arrhythmic therapy for atrial fibrillation post-coronary artery bypass grafting? A prospective, randomized study. *J Thorac Cardiovasc Surg* 2005;129(2):401–406.

Cox JL, Ad N, Myers K, Gharib M, Quijano RC. Tubular heart valves: a new tissue prosthesis design—preclinical evaluation of the 3F aortic bioprosthesis. *J Thorac Cardiovasc Surg* 2005;130(2):520–527.

Ad N, Cox JL. The minimally invasive maze procedure. *J Card Surg* 2004;19(3):196–200.

Elami A, Ad N, Merin G. The significance of subclavian artery injection prior to surgical myocardial revascularization. *Int J Cardiovasc Interv* 2003;5(2):81–83.

Ad N, Kim YD, Verbalis J, Cox JL. The effect of the maze procedure on the secretion of arginine-vasopressin and aldosterone. *J Thorac Cardiovasc Surg* 2003;126:1095–1100.

Schneider A, Ad N, Izhar U, Borman J, Merin G, Schwalb H. The protective effect of cyclosporine A and insulin during ischemia reperfusion in human right atrial preparation. *Ann Thorac Surg* 2003;76:1240–1245.

Ad N, Kim YD, Makary MA, Syderhoud JP, Degroot KW, Lou HC, Pirovic EA, Duvall W, Manley J, Cox JL. Prophylactic diuresis with continuous furosemide drop following the maze procedure reduces the incidence of fluid retention. *J Thorac Cardiovasc Surg* 2002;123:232–236.

Ad N, Lee P, Cox JL. Type A aortic dissection with anomaly of the carotid and vertebral vessels. *J Thorac Cardiovasc Surg* 2002;123:570–571.

Ad N. Intraoperative alternatives for treating atrial fibrillation associated with mitral valve disease: introduction. *Semin Thorac Cardiovasc Surg* 2002;14(3):192.

Ad N, Cox JL. The significance of atrial fibrillation ablation during mitral valve surgery. *Semin Thorac Cardiovasc Surg* 2002;14(3):193–197.

Viola N, Williams MR, Oz MC, Ad N. The technology in use for the surgical ablation of atrial fibrillation. *Semin Thorac Cardiovasc Surg* 2002;14(3):198–205.

- Ad N, Oron U. Impact of low-level laser irradiation on infarct size following myocardial infarction. *Int J Cardiology* 2001;80:109–116.
- Ad N, Snir E, Vidne BA, Golomb E. Histological atrial myolysis is associated with atrial fibrillation following cardiac surgery. *Ann Thorac Surg* 2001;72:688–693.
- Ad N, Kim YD, Syderhoud JP, Degroot KW, Lou HC, Pirovic EA, Duvall W, Manley J, Cox JL. Observations on the perioperative management of patients undergoing the maze procedure. *Semin Thorac Cardiovasc Surg* 2000;12:63–67.
- Cox JL, Ad N, Palazzo T, Kim YD, Syderhoud JP, Degroot KW, Lou HC, Pirovic EA, Duvall W. The maze III procedure combined with valve surgery. *Semin Thorac Cardiovasc Surg* 2000;12:53–55.
- Cox JL, Ad N, Palazzo T, Kim YD, Syderhoud JP, Degroot KW, Lou HC, Pirovic EA, Duvall W. Current status of the maze procedure for the treatment of atrial fibrillation. *Semin Thorac Cardiovasc Surg* 2000;12:15–19.
- Cox JL, Ad N. New surgical and catheter-based modifications of the maze procedure. *Semin Thorac Cardiovasc Surg* 2000;12:68–73.
- Ad N, Cox JL, Palazzo T, Kim YD, Syderhoud JP, Degroot KW, Lou HC, Pirovic EA, Duvall W. Stroke prevention as an indication for the maze procedure in the treatment of atrial fibrillation. *Semin Thorac Cardiovasc Surg* 2000;12:56–62.
- Cox JL, Ad N, Palazzo T. The importance of coronary sinus cryoablation in the maze procedure. *Semin Thorac Cardiovasc Surg* 2000;12:20–24.
- Ad N, Vidne BA. Coarctation of the aorta with right aortic arch: surgical technique and new classification. *Ann Thorac Surg* 1999;67(4):1125–1129.
- Kessler-Icekson G, Birk E, Barchum Y, Schlesinger H, Ad N, Friedman M, Vidne BA. The myocardial profile of the cytosolic isoenzyme of creatine kinase is apparently not related to cyanosis in congenital heart disease. *Mol Med* 1999;5:110–116.
- Ad N, Snir E, Vidne BA, Golomb E. Potential preoperative markers for the risk of developing atrial fibrillation after cardiac surgery. *Semin Thorac Cardiovasc Surg* 1999;11:308–313.
- Ad N, Birk E, Barak J, Diamant S, Snir E, Vidne BA. A one-way, valved atrial septal patch: a new surgical technique and its clinical application. *J Thorac Cardiovasc Surg* 1996;111(4):841–848.
- Sahar G, Raanani E, Sagie A, Ad N, Vidne BA. Surgical results in cardiac patients over the age of 80 years. *Isr J Med Sci* 1996;32:1322–1325.

Ad N, Snir E, Katz J, Birk E, Vidne BA. Use of the modified technique of ultrafiltration in pediatric open-heart surgery: a prospective study. *Isr J Med Sci* 1996;32:1326–1331.

Ad N, Barak J, Birk E, Diamant S, Vidne BA. Unidirectional valve patch. Comment on: Unidirectional valve patch for repair of cardiac septal defects with pulmonary hypertension (*Ann Thorac Surg* 1995). *Ann Thorac Surg* 1996;62(2):626–628.

Ad N, Barak J, Birk E, Diamant S, Vidne BA. A one-way, valved atrial septal patch in the management of postoperative right heart failure: an animal study. *J Thorac Cardiovasc Surg* 1994;108(1):134–139.

ABSTRACTS

Sarin E, Speir A, Henry L, Holmes S, Hunt S, Halpin L, Ad N. Acute normovolemic hemodilution decreases blood product use and postoperative mortality and morbidity following cardiac surgery. *J Am Coll Cardiol* 2012;59(13 suppl 1):E1843–E1843.

Ad N, Henry L, Hunt S, Martin L, Stone L. Arrhythmias: AF/SVT—catheter and surgical ablation of atrial fibrillation. *J Am Coll Cardiol* 2012;7(2):1233–1231.

Martin LM, Holmes S, Henry L, Audap C, Stone L, Martin CT, Frazier A, Hunt S, Ad N. Gender differences in psychosocial predictors of long-term quality of life in cardiac surgery patients. *J Am Coll Cardiol* 2012;7(2):1259–1411.

Halpin L, Ad N. The role of the circulating nurse in error recovery in the CVOR. *Association of PeriOperative Registered Nurses Journal*, March 2012.

Vourlekis J, Weaver L, Halpin L, Henry L, Ad N. Rapid extubation following cardiac surgery with a nurse-driven protocol. *Chest* 2012;142:406A.

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2014

Ad N, Henry L, Holmes SD. Is there a need for a more specific anticoagulation management protocol for patients following the Cox maze procedure for atrial fibrillation? 50th Annual Meeting of the Society of Thoracic Surgeons, Orlando, FL, January 2014.

2013

Ad N, Holmes SD, Stone LE, Pritchard G, Henry L. Rhythm course over five years following surgical ablation for atrial fibrillation. 27th Annual Meeting of the European Association for Cardio-Thoracic Surgery, Vienna, Austria, October 2013.

Ad N, Halpin L, Rongione AJ, Speir AM, Pritchard G, Holmes SD. Practice changes in blood glucose management following open heart surgery: from a prospective randomized study to everyday practice. 27th Annual Meeting of the European Association for Cardio-Thoracic Surgery, Vienna, Austria, October 2013.

Holmes SD, Martin LM, Miller CE, Ad N. Development and Validation of the Cardiac Surgery Patient Expectations Questionnaire (C-SPEQ). 71st Annual Scientific Meeting of the American Psychosomatic Society, Miami, FL, March 2013.

Lydick SE, Weinstein AA, Holmes SD, Miller C, Ad N. Cardiovascular Reactivity to Laboratory-Induced Mental Stress in Patients Undergoing Surgery for Atrial Fibrillation. 71st Annual Scientific Meeting of the American Psychosomatic Society, Miami, FL, March 2013.

Ad N, Henry L, Hunt S, Holmes SD. Should surgical ablation for atrial fibrillation be performed in patients with significantly enlarged left atrium? 39th Annual Meeting of the Western Thoracic Surgical Association, Coeur d'Alene, ID, June 2013.

Ad N, Holmes SD, Pritchard G, Rongione AJ, Halpin L, Massimiano PS. Stand-alone mitral valve repair: what are the predictors for minimally invasive approach? Annual Meeting of the International Society for Minimally Invasive Cardiac Surgery, Prague, Czech Republic, June 2013.

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Ad N, Henry L, Halpin L, Pritchard G, Holmes SD. Predictors for failure of the Cox maze procedure at 12 months in a large prospective cohort study: does surgeon experience matter? 49th Annual Meeting of the Society of Thoracic Surgeons, Los Angeles, CA, January 2013.

Henry L, Lamont D, Holmes SD, Pritchard G, Halpin L, Ad N. Does PreDischarge Transthoracic Echocardiography Post-Valve Surgery Add Value? 49th Annual Meeting of the Society of Thoracic Surgeons, Los Angeles, CA, January 2013.

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Ad N, Henry L, Holmes S, Hunt S. The association between early atrial arrhythmia and long-term success following surgical ablation for atrial fibrillation. 26th Annual Meeting of the European Cardio-Thoracic Surgery, Barcelona, Spain, October 2012.

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Ad N, Suri R, Sheng S, Henry L, Gammie J. Surgical ablation of atrial fibrillation: trends and outcomes in North America, including stand-alone procedures on and off bypass. 38th Annual Meeting of the Western Thoracic Surgical Association, Maui, HI, June 2012.

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Speir A, Henry L, Rongione A, Halpin L, Holmes S, Hunt S, Martin L, Ad N. Minimally invasive versus median sternotomy aortic valve replacement: outcomes and health-related quality of life. Fourth Annual Joint Scientific Session of the Heart Valve Society of America and the Society of Heart Valve Disease, New York, NY, April 2012.

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Halpin L, Ad N. The role of the circulating nurse in error recovery in the CVOR. 59th Congress of the Association of Perioperative Registered Nurses, New Orleans, LA, March 2012. (Poster award.)

2011

Ad N, Henry L, Hunt S, Holmes SD. Should high-risk patients undergoing cardiac surgery with or without concomitant Cox maze procedure expect different outcomes? A propensity score matched analysis. 58th Annual Meeting of the Southern Thoracic Surgical Association, San Antonio, TX, November 2011.

Henry L, Hunt S, Stone L, Ad N. How well does patient self-report of rhythm following the Cox-maze procedure fare when tested against long-term monitoring at 6 months? Annual Scientific Sessions of the American Heart Association, Orlando, FL, November 2011.

Ad N, Desai SP, Holmes SD, Hunt SL, Speir AM, Henry LL. The impact of peri-operative blood transfusion in patients undergoing isolated coronary artery bypass grafting surgery. Annual Scientific Sessions of the American Heart Association, Orlando, FL, November 2011.

Ad N, Holmes SD, Speir AM, Choi E, Fitzgerald D, Halpin L, Henry L, Hunt S. The Impact of a multidisciplinary blood conservation protocol on patient outcomes and cost following cardiac surgery. 25th Annual Meeting of the European Association for Cardio-Thoracic Surgery, Lisbon, Portugal, October 2011.

Ad N, Henry L, Hunt S, Holmes SD. The outcome of the Cox maze III procedure for atrial fibrillation: a propensity match analysis to compare high-risk and low-risk patients. 25th Annual Meeting of the European Association for Cardio-Thoracic Surgery, Lisbon, Portugal, October 2011.

Martin LM, Holmes SD, Henry LL, Stone LE, Martin CT, Woolfolk C, Frazier A, Ad N. Predictors of long-term quality of life in cardiac surgery patients. 18th Annual Conference of the International Society for Quality of Life Research, Denver, CO, October 2011.

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- Ad N, Henry L, Hunt S, Holmes SD. Do we increase operative risk by adding the Cox maze III procedure to aortic valve replacement and coronary artery bypass surgery? 37th Annual Meeting of the Western Thoracic Surgical Association, Colorado Springs, CO, June 2011.
- Ad N, Hunt S, Holmes SD, Henry L. Concomitant valve and Cox maze procedure is safe and effective in treating atrial fibrillation: a propensity score matched analysis. 6th Biennial Meeting–Joint Meeting of the Society of Heart Valve Disease and the Heart Valve Society of America, Barcelona, Spain, June 2011.
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Ad N, Holmes SD, Hunt S, Stone L, Martin L, Henry L. How well does return of sinus rhythm as captured by long-term monitoring translate to improvement in quality of life of patients following surgical ablation? 32nd Annual Scientific Sessions of the Heart Rhythm Society, San Francisco, CA, May 2011.

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Tran HA, Holmes SD, Martin LM, Henry LL, Desai S, Prall B, Lee J, Patel K, Stone LE, Martin CT, Hunt SL, Ad N. Weight, dietary, and quality of life changes following CABG surgery. 32nd Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, Washington, DC, April 2011.

Stone L, Holmes S, Martin L, Hunt S, Henry L, Ad N. The advantage of marital status in cardiac surgery. 69th Annual Meeting of the American Psychosomatic Society, San Antonio, TX, March 2011.

Holmes S, Martin L, Henry L, Hunt S, Woolfolk C, Ad N. Psychosocial experience and impact of recovery after cardiac surgery: preliminary analyses. 69th Annual Meeting of the American Psychosomatic Society, San Antonio, TX, March 2011.

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Hebsur S, Hunt S, Holmes S, Renard B, Henry L, Ad N. Clinical outcomes and quality of life assessment of patients with diabetes mellitus undergoing surgical ablation of atrial fibrillation. Cardiovascular Research & Technologies 2011, Washington DC, February 2011.

Ad N, Henry L, Hunt S. Atrial fibrillation burden perception and improved health related quality of life following the Cox maze procedure for atrial fibrillation. Boston Atrial Fibrillation Symposium, Boston, MA, January 2011.

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Desai SP, Schlauch K, Hunt S, Ad N. Evaluation of 578,000 patients from the national inpatient database on changing patient clinical profiles and mortality after coronary artery bypass grafting surgery over a 10-year period. American College of Chest Physicians, CHEST 2010, Vancouver, British Columbia, Canada, November 2010.

Halpin L, Henry L, Hunt S, Holmes S, Ad N. Ventilator-associated pneumonia among cardiac surgery patients: what more can we do for prevention? American College of Chest Physicians, CHEST 2010, Vancouver, British Columbia, Canada, November 2010.

Ad N, Henry L. The outcome of the Cox maze procedure in patients with previous percutaneous catheter ablation to treat atrial fibrillation. 57th Annual Meeting of the Southern Thoracic Surgical Association, Orlando FL, November 2010.

Henry L, Ad N, Hunt S, Martin S, Holmes S. Are there gender differences in outcomes following surgical ablation? American Heart Association Scientific Sessions, Chicago, IL, November 2010.

Desai S, Holmes S, Ahmed I, Hunt S, Ad N. Pre-operative complete blood count as a predictor of outcomes prior to isolated, first-time coronary artery bypass grafting surgery. American Heart Association Scientific Sessions, Chicago, IL, November 2010.

Ad N, Holmes S, Henry L, Hunt S. The impact of discharge hemoglobin lower than 8 g/dL on patient outcomes following isolated coronary artery bypass grafting surgery. European Association for Cardio-Thoracic Surgery, Geneva, Switzerland, September 2010.

Ad N, Henry L, Hunt S. The impact of surgical ablation in patients with low ejection fraction, heart failure, and atrial fibrillation. European Association for Cardio-Thoracic Surgery, Geneva, Switzerland, September 2010.

Ad N, Henry L, Hunt S, Stone L. Minimally invasive surgical ablation for the treatment of atrial fibrillation either as a stand-alone or concomitant procedure: what are the results? Annual Scientific Meeting of the International Society for Minimally Invasive Cardiothoracic Surgery, Berlin, Germany, June 2010.

Ad N, Henry L, Hunt S, Massimiano P, Lee J, Rhee J, Collazo L. The impact of endoscopic vein harvesting on outcome of first-time coronary artery bypass grafting surgery. Annual Scientific Meeting of the International Society for Minimally Invasive Cardiothoracic Surgery, Berlin, Germany, June 2010.

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Ad N, Henry L, Hunt S, Halpin L. Should we perform the Cox maze procedure in patients over 75 years old presenting to surgery with atrial fibrillation? 36th Annual Meeting of the Western Thoracic Surgical Association, Ojai, CA, June 2010.

Ad N, Wulfkuhle J, Goudarzi M, Ross M, Liotta L, Petricoin E. Functional protein network mapping reveals aberrant activation of lipogenic, apoptotic and glycogenic signaling in patients with atrial fibrillation. 31st Annual Scientific Sessions of the Heart Rhythm Society, Denver, CO, May 2010.

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Martin C, Holmes S, Martin L, Hunt S, Ad N. The impact of in-hospital postoperative complications on health-related quality of life in cardiac surgery patients. Quality of Care and Outcomes Research in CardioVascular Disease and Stroke Scientific Sessions, Washington, DC, May 2010.

Woolfolk C, Holmes S, Henry L, Hunt S, Martin L, Ad N. Younger patients report impaired mental functioning in health-related quality of life after valve surgery. Quality of Care and Outcomes Research in CardioVascular Disease and Stroke Scientific Sessions, Washington, DC, May 2010.

Stone L, Holmes S, Martin L, Hunt S, Ad N. Decreased pre-operative risks and increased post-operative mental functioning as benefits of regular physical activity for patients undergoing cardiac surgery. Quality of Care and Outcomes Research in CardioVascular Disease and Stroke Scientific Sessions, Washington, DC, May 2010.

Holmes S, Martin L, Hunt S, Ad N. Effect of gender on long term quality of life in cardiac surgery patients. Annual Scientific Meeting of the American Psychosomatic Society, Portland, OR, March 2010.

Desai S, Hunt S, Ad N. Outcomes of patients with immunodeficiency virus undergoing cardiac surgery. Cardiovascular Research & Technologies 2010, Washington, DC, February 2010.

Ad N, Henry L, Hunt S, Schlauch K. Late stroke/TIA and major bleeding events following the Cox maze procedure: does the CHADS score have any predictive value? 46th Annual Meeting of the Society of Thoracic Surgeons, Fort Lauderdale, FL, January 2010.

2009

Henry LL, Ad N, Lamberti JP, Halpin L, Hunt S, Barnett SD, Speir AM, Crippen P. The significance of preoperative spirometry in accurately stratifying the predicted risk for adverse outcomes in cardiac surgery patients. American College of Chest Physicians, CHEST 2009, San Diego, CA, November 2009.

- Tran HA, Barnett SD, Hunt S, Martin L, Ad N. Preoperative risk factors for acute kidney injury following cardiac catheterization and CABG. American College of Chest Physicians, CHEST 2009, San Diego, CA, November 2009.
- Henry LL, Tran HA, Freighling T, Durrani SA, Wish M, Bell M, Del Negro A, Ad N. Outcome of surgical and catheter ablation to treat atrial fibrillation. Annual Meeting of the Southern Thoracic Surgical Association, Marco Island, FL, November 2009.
- Henry LL, Martin LM, Stone LE, Ad N. Women's lived experiences of recovery after cardiac surgery. 137th Annual Meeting of the American Public Health Association, Philadelphia, PA, November 2009.
- Martin LM, Henry LL, Stone LE, Martin CT, Barnett SD, Hunt SL, Ad N. Health-related quality of life of those aged 65 or older after open-heart surgery. 137th Annual Meeting of the American Public Health Association, Philadelphia, PA, November 2009.
- Ad N, Henry LL, Hunt S. Cardiac interventions prior to surgical ablation for atrial fibrillation do not negatively affect outcomes. American Heart Association Scientific Sessions, Orlando, FL, November 2009.
- Goudarzi M, Ross M, Zhou W, Van Meter A, Deng J, Liotta L, Petricoin E, Martin L, Martin C, Ad N. Discovery of mitochondrial protein biomarkers of atrial fibrillation using unique human tissue samples. American Association for Clinical Chemistry: Translating Novel Biomarkers to Clinical Practice: Role and Opportunities for the Clinical Laboratory, Bethesda, MD, November 2009.
- Tran H, Opraseuss J, Dean L, Ad N. Acute kidney injury network classification improves prediction of perioperative complications and long-term survival after CABG: comparative study of STS definitions. 95th Annual Clinical Congress of the American College of Surgeons, Chicago, IL, October 2009.
- Martin LM, Henry LL, Stone LE, Martin CT, Ad N. The lived recovery experiences of women cardiac surgery patients. 16th Annual Conference of the International Society for Quality of Life Research, New Orleans, LA, October 2009.
- Hunt S, Henry L, Martin L, Ad N. Atrial fibrillation module for patients undergoing Cox maze procedure: how to manage new hospital data elements and follow-up beyond 30 days. Advances in Quality and Outcomes: A Data Managers Meeting of the Society of Thoracic Surgeons, San Diego, CA, September 2009.
- Henry LL, Martin LM, Halpin L, White J. Nurses' perception of the extubation process for the stable cardiac surgery patient. Conference of the Sigma Theta Tau International Honor Society of Nursing, Vancouver, British Columbia, Canada, July 2009.

Goudarzi M, Ross MM, Zhou W, Van Meter A, Petricoin E, Liotta L, Martin L, Martin C, Ad N. Discovery of mitochondrial protein biomarkers of atrial fibrillation using unique human tissue samples. 57th American Society for Mass Spectrometry Conference on Mass Spectrometry, Philadelphia, PA, May–June 2009.

Ad N, Henry LL, Hunt SL. Minimally invasive maze III procedure performed without aortic clamping. Annual Scientific Meeting of the International Society for Minimally Invasive Cardiothoracic Surgery, San Francisco, CA, June 2009.

Ad N, Henry LL, Hunt S, Stone L. The implementation of a comprehensive clinical protocol improves long-term success following surgical treatment of atrial fibrillation. 35th Annual Meeting of the Western Thoracic Surgical Association, Banff, Alberta, Canada, June 2009.

Hunt S, Henry L, Martin L, Ad N. Managing atrial fibrillation data post maze procedure: registry design, cost and effectiveness. Annual Research Meeting of Academy Health, Chicago, IL, June 2009.

Henry L, Hunt S, Ad N. Stable sinus rhythm following the maze procedure with valve surgery results in significant improvement in health-related quality of life. Annual General Meeting of the Society for Heart Valve Disease, Berlin, Germany, June 2009.

Massimiano P, Tran P, Henry L, Hunt S, Barnett S, Sheikh W, Martin C, Ad N. The evolution of minimally invasive mitral valve repair: from heartport through da Vinci to fibrillation without cross-clamping. Annual General Meeting of the Society of Heart Valve Disease, Berlin, Germany, June 2009.

Tran H, Barnett S, Aljijani A, Ad N. One-year survival following isolated aortic valve replacement: a comparison of four risk prediction models. Annual General Meeting of the Society of Heart Valve Disease, Berlin, Germany, June 2009.

Anderson J, Henry LL, Hunt SL, Halpin L, Martin LM, White J, Ad N, Speir A. Use of the bispectral index monitor (BIS) when extubating cardiac surgery patients. American Association of Critical-Care Nurses 36th Annual National Teaching Institute and Critical Care Exposition, New Orleans, LA, May 2009.

Ad N, Hunt SL, Henry LL, Martin LM, Stone LE. Success of surgical ablation in patients with long-standing persistent atrial fibrillation. 30th Annual Scientific Sessions of the Heart Rhythm Society, Boston, MA, May 2009.

Ad N, Henry LL, Hunt SL. The success rate following maze III procedure: a comparison between EKG, 24 hour holter and long term monitoring. 30th Annual Scientific Sessions of the Heart Rhythm Society, Boston, MS, May 2009.

Henry LL, Martin LM, Hunt SL, Barnett SD, Halpin L, Ad N. The association of survival and patient disposition following coronary artery bypass surgery. 9th Scientific Forum on Quality Care and Outcomes Research in Cardiovascular Disease and Stroke, American Heart Association, Annual Meeting, Washington, DC, April 2009.

Hunt SL, Henry LL, Martin LM, Ad N. Describing the success of the maze surgical procedure: more than just a simple statistic. 9th Scientific Forum on Quality Care and Outcomes Research in Cardiovascular Disease and Stroke, American Heart Association, Annual Meeting, Washington, DC, April 2009.

Martin LM, Barnett SD, Henry LL, Lemus EL, Stone LE, Hunt SL, Ad N. Gender disparities in health-related quality of life outcomes after surgery. 9th Scientific Forum on Quality Care and Outcomes Research in Cardiovascular Disease and Stroke, American Heart Association, Annual Meeting, Washington, DC, April 2009.

Martin LM, Henry LL, Stone LE, Tran HA, Ad N. The cardiac surgery experience: patients' perspectives. 9th Scientific Forum on Quality Care and Outcomes Research in Cardiovascular Disease and Stroke, American Heart Association, Annual Meeting, Washington, DC, April 2009.

Martin LM, Barnett SD, Henry LL, Ad N. Health-related quality of life following open-heart surgery: a meta-analysis. 9th Scientific Forum on Quality Care and Outcomes Research in Cardiovascular Disease and Stroke, American Heart Association, Annual Meeting, Washington, DC, April 2009.

Tran HA, Barnett SD, Hunt SL, Ad N. The Society of Thoracic Surgery risk model accurately predicts survival and perioperative complications following high-risk aortic valve replacement. 58th Annual Meeting of the American College of Cardiologists, Orlando, FL, March 2009.

Ad N. A minimally invasive full maze lesion set for atrial fibrillation: technique and results. Boston Atrial Fibrillation Symposium, Boston, MA, January 2009.

Ad N, Henry LL, Hunt SL. The success rate following maze III procedure: a comparison between EKG, 24 hours holter and long term monitoring. 45th Annual Meeting of the Society of Thoracic Surgeons, San Francisco, CA, January 2009.

2008

Tran HA, Barnett SD, Hunt SL, Ad N. Effect of previous percutaneous intervention on outcomes after cardiac surgery in patients with diabetes mellitus. 94th Annual Meeting of the American College of Surgeons, San Francisco, CA, October 2008.

- Ad N, Barnett SD, Henry LL, Hunt SL, Speir A. The association between body mass index, perioperative complications, health-related quality of life, and intermediate-term survival following cardiac surgery. 94th Annual Meeting of the American College of Surgeons, San Francisco, CA, October 2008.
- Ad N, Henry LL, Hunt SL, Martin LM, Barnett SD, Lemus E, Stone L. Physical function recovery after the stand-alone maze procedure—comparing the methods of approach. 94th Annual Meeting of the American College of Surgeons, San Francisco, CA, October 2008.
- Halpin L, Henry L, Barnett S, Hunt S, Blake S, Ad N, Lamberti J, Speir A. The use of preoperative spirometry to define the degree of pulmonary disease. Advances in Quality and Outcomes: A Data Managers Meeting of the Society of Thoracic Surgeons, Lake Buena Vista, FL, October 2008.
- Barnett SD, Ad N, Henry LL, Martin LM, Hunt SL. Incidence and cost of surgical site infection following isolated coronary bypass graft surgery in the United States. 136th Annual Meeting of the American Public Health Association, San Diego, CA, October 2008.
- Henry LL, Martin LM, Hunt SL, Barnett SD, Lemus EL, Stone LE, Ad N. Impact of coronary artery bypass graft surgery on the physical functioning of the aged. 136th Annual Meeting of the American Public Health Association, San Diego, CA, October 2008.
- Martin LM, Barnett SD, Hunt SL, Henry LL, Ad N. The association of health-related quality of life and increasing age following coronary artery bypass grafting. Annual Meeting of the American College of Chest Physicians, Philadelphia, PA, October 2008.
- Tran HA, Barnett SD, Hunt SL, Ad N. Does history of percutaneous intervention impact outcomes following a subsequent coronary bypass grafting surgery? Annual Meeting of the American College of Chest Physicians, Philadelphia, PA, October 2008.
- Martin LM, Stone LE, Henry LL, Barnett SD, Hunt SL, Lemus EL, Ad N. Resistance to computerized adaptive testing (CAT) in cardiac surgery patients. International Conference on Outcomes Measurement, Bethesda, MD, September 2008.
- Martin LM, Henry LL, Barnett SD, Hunt SL, Lemus EL, Stone LE, Ad N. Comparison of health-related quality of life changes to national norms following cardiac surgery by age and gender. Ninth Scientific Forum on Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke, American Heart Association, Baltimore, MD, May 2008.
- Hunt SL, Henry LL, Halpin LS, Martin LM, Barnett SD, Ad N. Complementing the Society of Thoracic Surgery data registry with the development of a surgical atrial fibrillation database with long-term follow-up and mortality data. Ninth Scientific Forum on Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke, American Heart Association, Baltimore, MD, May 2008.

Ad N, Henry LL, Barnett S, Hunt SL, Martin LM. How reliable is asymptomatic patient rhythm perception following maze procedure? 29th Annual Scientific Sessions of the Heart Rhythm Society, San Diego, CA, May 2008.

2007

Ad N, Speir AM, Harrison M, Hunt SL, Barnett SD. The association between perioperative complications, intermediate survival and use of aprotinin during isolated coronary artery bypass grafting surgery. Annual Meeting of the American Heart Association, Orlando, FL, November 2007.

Henry LL, Martin LM, Hunt SL, Barnett SD, Ad N. Association of gender, mental status and marriage on health-related quality of life following cardiac surgery. 135th Annual Meeting of the American Public Health Association, Washington, DC, November 2007.

Martin LM, Hunt SL, Henry LL, Barnett SD, Ad N. Increasing response rates among open-heart surgery patients on health-related quality of life surveys through an intense longitudinal follow-up algorithm: a cost-benefit analysis. 135th Annual Meeting of the American Public Health Association, Washington, DC, November 2007.

Ad N, Martin LM, Hunt SL, Barnett SD, Henry LL. Randomization as a concept to improve follow-up and reduce cost in long-term health-related quality of life studies addressing cardiac surgery. 135th Annual Meeting of the American Public Health Association, Washington, DC, November 2007.

Martin LM, Henry LL, Hunt SL, Barnett SD, Ad N. An introduction to the development and implementation of a longitudinal health survey: the ABCs. 135th Annual Meeting of the American Public Health Association, Washington, DC, November 2007.

Ad N, Henry LL, Barnett SD, Hunt SL, Martin LM. The need for perioperative guidelines for the surgical treatment of atrial fibrillation: an important component in the effort to improve patient outcome. Virginia Commonwealth University Heart Matters 2007 Research Meeting, Richmond, VA, November 2007.

Ad N, Henry LL, Barnett SD, Hunt SL, Martin LM. Patient self-reported rhythm status may be a sensitive indicator of arrhythmia following the maze procedure for atrial fibrillation. VCU Heart Matters 2007 Research Meeting, Richmond, VA, November 2007.

Henry LL, Hunt SL, Halpin L, Barnett SD, Martin LM, Ad N. The immediate impact of sleep apnea on cardiac surgery recovery. VCU Heart Matters 2007 Research Meeting, Richmond, VA, November 2007.

Hunt SL, Henry LL, Halpin LS, Martin LM, Barnett SD, Ad N. Building on the effectiveness of Society of Thoracic Surgery data registry by the development of complementary and long-term follow-up databases. VCU Heart Matters 2007 Research Meeting, Richmond, VA, November 2007.

Ad N, Martin LM, Massimiano PS, Barnett SD, Hunt SL, Speir AM. Female patients following the maze procedure demonstrate an increased rate of quality of life improvement as compared to males. Annual Meeting of the College of Chest Physicians, Chicago, IL, October 2007.

Barnett SD, Speir AM, Ad N. Using the EuroScore to predict institution costs and identify patients at higher risk for resource consumption following open heart surgery. Annual Meeting of the College of Chest Physicians, Chicago, IL, October 2007.

Ad N, Barnett SD, Burton NA, Martin LM, Collazo LR. The impact of the addition of the maze procedure to open-heart surgery on perioperative outcomes and quality of life. 28th Annual Meeting of the Heart Rhythm Society, Denver, CO, June 2007.

Hunt SL, Martin LM, Henry LL, Ad N. How to maximize the effectiveness of Society of Thoracic Surgery (STS) registry data by building complementary research databases for cardiac surgery. Academy Health Annual Research Meeting, Orlando, FL, June 2007.

Massimiano PS, Barnett SD, Ad N. Minimally invasive mitral valve repair: a comparison between the robotic assisted approach and the direct right mini-thoracotomy approach. Fourth Biennial Meeting of the Society for Heart Valve Disease, New York, NY, June 2007.

Rongione AJ, Massimiano PS, Barnett SD, Speir AM, Burton NA, Collazo LR, Lefrak EA, Ad N. A comparison of the results for stented and stentless aortic bioprosthesis replacement using propensity match analysis. Fourth Biennial Meeting of the Society for Heart Valve Disease, New York, NY, June 2007.

Ad N, Rongione AJ, Barnett SD, Massimiano PS, Collazo LR, Burton NA, Lefrak EA, Speir AM. Trends in aortic valve replacement: a decade of change in prosthetic valve choice in a single institution. Fourth Biennial Meeting of the Society for Heart Valve Disease, New York, NY, June 2007.

Ad N, Speir AM, Barnett SD, Massimiano PS. Trends in isolated mitral valve surgery in a single institution over 10 years. Fourth Biennial Meeting of the Society for Heart Valve Disease, New York, NY, June 2007.

Rongione AJ, Massimiano PS, Barnett SD, Ad N. Comparison of stentless valve implementation techniques in a large cohort of patients from the freestyle registry. 56th Annual Meeting of the American College of Cardiology, New Orleans, LA, May 2007.

Halpin LS, Henry LL, Stanger D, White J, Ad N. Nurse perceptions of glycemic control in the cardiovascular surgery patient. The Preventive Association Conference, Journal of Cardiovascular Nursing, Minneapolis, MN, April 2007.

Ad N, Massimiano PS, Barnett SD, Speir AM, Burton NA, Collazo LR, Hunt S, Lefrak EA. The impact of ablative energy on surgical outcome following the surgical ablation of atrial fibrillation: cryoablation alone or in combination with bipolar radiofrequency. 43rd Annual Meeting of the Society of Thoracic Surgeons, San Diego, CA, January 2007.

2006

Ad N, Barnett SD, Hunt S, Fitzgerald D, Speir AM. The use of aprotinin in cardiac surgery is associated with increased risk of renal failure and neurological events. American Heart Association Scientific Sessions, Chicago, IL, November 2006.

Ad N, Barnett SD, Speir AM. The performance of the EuroSCORE and the Society of Thoracic Surgeons mortality risk score: the gender factor. Annual Meeting of the College of Chest Physicians, Salt Lake City, UT, October 2006.

Ad N, Barnett SD, Hunt SL, Fitzgerald D, Speir AM. Is serum creatinine <2.0 mg/dL sensitive enough to predict adverse outcomes following coronary artery bypass grafting? Another look at the role of glomerular filtration rate. Annual Meeting of the College of Chest Physicians, Salt Lake City, UT, October 2006.

2005

Nathan SD, Ahmad S, Koch J, Barnett S, Ad N, Burton N. Serial measures of pulmonary artery pressures in patients with idiopathic pulmonary fibrosis. Annual Meeting of the College of Chest Physicians, Montreal, Quebec, Canada, October 2005.

Ad N, Merin G, Pollak A, Gilon D, Barnett S, Lefrak EA, Elami A. The impact of follow-up on the success rate of the cryosurgical maze procedure in patients with rheumatic heart disease and enlarged atria. 31st Annual Meeting of the Western Thoracic Surgical Association, Victoria, British Columbia, Canada, June 2005.

2004

Izhar U, Ad N, Elami A, Rudis E, Milgalter E, Korach A, Viola N, Levi E, Asraff G, Merin G. When should we discontinue the antiarrhythmic therapy for atrial fibrillation post coronary artery bypass grafting? A prospective randomized study. 51st Annual Conference of the Israeli Heart Society, Tel-Aviv, Israel, April 2004.

Pollak A, Beeri R, Gilon D, Ad N. Tissue Doppler imaging of patients following maze procedure. 51st Annual Conference of the Israeli Heart Society, Tel-Aviv, Israel, April 2004.

2003

Ad N, Elami A, Beeri R, Gilon D, Pollak A. The cryosurgical maze procedure: a simplified operative technique for the treatment of atrial fibrillation. 76th Annual Meeting of the American Heart Association, Orlando, FL, November 2003.

Ad N, Cox JL, Merin G, Elami A. The cryomaze procedure combined with valve surgery. Second Biennial Meeting of the Society of Heart Valve Disease, Paris, France, June 2003.

Ad N. Permanent pacemaker implantation following the cryomaze procedure: incidence and risk analysis. 50th Annual Conference of the Israeli Heart Society, Tel-Aviv, Israel, May 2003.

Ad N, Elami A, Pollak A, Gilon D, Beeri R, Merin G. The cryosurgical maze procedure: a simplified surgical technique for the treatment of atrial fibrillation. 50th Annual Conference of the Israeli Heart Society, Tel-Aviv, Israel, May 2003.

2002

Ad N. The current approach for the maze III procedure: operative technique and indications. Invited speaker. Einthoven 2002: 100 Years of Electrocardiography, Einthoven Foundation, Leiden, The Netherlands, June 2002.

Ad N, Schneider A, Izhar U, Borman JB, Merin G, Schwalb H. Mitochondrial dysfunction in the atrium predicts the development of atrial fibrillation following cardiac surgery. 49th Annual Conference of the Israeli Heart Society, Tel-Aviv, Israel, April 2002.

Ad N, Izhar U, Korach A, Elami A, Milgalter E, Rudis E, Merin G. Is atrial fibrillation following off-pump CABG associated with incomplete revascularization? 49th Annual Conference of the Israeli Heart Society, Tel-Aviv, Israel, April 2002.

Ad N. Surgery for atrial fibrillation in patients with failed medical treatment. Invited speaker. The Dead Sea Annual Electrophysiology Meeting, Tel-Aviv, Israel, March 2002.

2001

Ad N, Palazzo T, Cox JL. The cryosurgical maze procedure a simplified technique for the treatment of atrial fibrillation. 81st annual meeting of the American Association for Thoracic Surgery, San Diego, CA, May 2001.

Ad N, Snir E, Vidne BA, Golomb E. Histologic markers in the atrium predict the development of atrial fibrillation after cardiac surgery. 37th Annual Meeting of the Society of Thoracic Surgeons, New Orleans, LA, January 2001.

2000

Ad N. The evolution of surgery for supraventricular arrhythmia. Annual Meeting of the Norwegian Western Society for Cardiology and Cardiothoracic Surgery, Bergen, Norway, November 2000.

Ad N, Cox JL. The maze III procedure combined with other types of cardiac surgery. 80th Annual Meeting of the American Association for Thoracic Surgery, Toronto, Ontario, Canada, April–May 2000.

1999

Cox JL, Ad N. The minimally invasive maze procedure. 72nd Annual Meeting of the American Heart Association, Atlanta, GA, November 1999.

Cox JL, Ad N. Impact of the maze procedure on stroke rate in patients with atrial fibrillation. 70th Annual Meeting of the American Association for Thoracic Surgery, New Orleans, LA, April 1999.

1997

Snir E, Ad N, Glantz L, Caspi A, Kunishesky S, Geva D, Vidne BA. Cardiac surgery in a satellite unit: a new concept in Israel. Second International Symposium on Postoperative Cardiac Care, Tel-Aviv, Israel, September 1997.

Ad N, Snir E, Katz J, Birk E, Dagan O, Vidne BA. The use of modified technique of ultrafiltration in the pediatric age group: improved perioperative results in a prospective study. Second World Congress of Pediatric Cardiology and Cardiac Surgery, Honolulu, HI, May 1997.

Ad N, Barak J, Birk E, Vidne BA. The use of one-way, valved atrial septal patch in patients with high risk of post-operative right heart failure: animal study and clinical experience. Second World Congress of Pediatric Cardiology and Cardiac Surgery, Honolulu, HI, May 1997.

Raanani E, Birk E, Erez E, Dagan O, Ad N, Snir E, Vidne BA. The use of cryopreserved, valved homografts for various congenital heart defects: early results. Annual Meeting of the Israel Heart Society, Jerusalem, Israel, April 1997.

Ad N, Stamler A, Dagan O, Birk E, Vidne BA. Surgical correction of complete and partial AV canal: risk analysis and operative technique. Annual Meeting of the Israel Heart Society, Jerusalem, Israel, April 1997.

1996

Kessler-Icekson G, Birk E, Barchum Y, Schlesinger H, Ad N, Friedman M, Vidne BA. Creatine kinase expression in the heart of children with tetralogy of Fallot. Ninth Annual Meeting of the Mediterranean Association of Cardiology and Cardiac Surgery, Tel-Aviv, Israel, October 1996.

Kracoff OH, Ad N, Shimoni S, Caspi A. Accelerated progression of aortic stenosis post-coronary surgery. Ninth Annual Meeting of the Mediterranean Association of Cardiology and Cardiac Surgery, Tel-Aviv, Israel, October 1996.

1995

Vidne BA, Ad N, Birk E, Barak J, Diamant, Snir E. A one-way, valved atrial septal patch: a new surgical technique and its clinical application. Invited lecture. Congenital Heart Diseases: Surgery, Endovascular Procedures, Moscow, Russia, December 1995.

Ad N, Birk E, Barak J, Vidne BA. The management of right heart failure by the use of a one-way, valved atrial septal patch. Invited lecture. 11th Asian-Pacific Congress of Cardiology, Bali, Indonesia, September 1995.

Ad N, Katz Y, Snir E, Birk E, Vidne BA. The use of modified technique of ultrafiltration during pediatric open-heart surgery: a better perioperative management. 8th Annual Meeting of the European Society for Cardiovascular Surgery, Kyoto, Japan, September 1995.

Ad N, Barak J, Vidne BA. The use of one-way, valved atrial septal patch: animal study and clinical experience. 11th Asian-Pacific Congress of Cardiology, Bali, Indonesia, September 1995.

Sahar G, Yanko M, Raanani E, Ad N, Vidne BA. Surgery, PTCA or medical treatment in octogenarian patients with coronary artery disease. 11th Asian-Pacific Congress of Cardiology, Bali, Indonesia, September 1995.

Ad N, Birk E, Barak J, Vidne BA. The management of right heart failure by the use of a one-way, valved atrial septal patch. Invited lecture. Third International Congress of Heart Failure, Geneva, Switzerland, May 1995.

1994

Ad N, Birk E, Berant M, Zeevi B, Vidne BA. The use of a one-way, valved atrial septal patch: first clinical experience. Joint 12th World Congress of Cardiology and 16th Congress of the European Society of Cardiology, Berlin, Germany, September 1994.

Ad N, Snir E, Katz Y, Birk E, Vidne BA. The use of a modified technique of ultrafiltration in pediatric open-heart surgery. World Congress of the International Society of Cardiothoracic Surgeons, Jerusalem, Israel, February 1994.

1993

Snir E, Ad N, Bliden L, Zeevi B, Berant M, Birk E, Vidne BA. Aprotinine and hemofiltration for improved results in arterial switch operation. 21st World Congress of the International Society for Cardiovascular Surgery, Lisbon, Portugal, September 1993.

Snir E, Ad N, Bliden L, Zeevi B, Berant M, Birk E, Vidne BA. Aprotinine and hemofiltration for improved results in arterial switch operation. World Congress of Pediatric Cardiology and Cardiac Surgery, Paris, France, June 1993.

Kessler-Icekson G, Barchum Y, Schlesinger H, Friedman M, Ad N, Vidne BA. The expression of atrial natriuretic peptid (ANP) gene in hypertrophied human heart. 14th European Section Meeting on ISHR, Jerusalem, Israel, March 1993.

1990

Barak J, Ad N, Diamant S, Vidne BA. The use of an experimental one-way, valved ASD patch: animal study and preliminary clinical experience. 39th Congress of the European Society for Cardiovascular Surgery, Budapest, Hungary, September 1990

1989

Barak J, Ad N, Diamant S, Vidne BA. The use of an experimental one-way, valved ASD patch: animal study and preliminary clinical experience. Third World Congress of Pediatric Cardiology, Bangkok, Thailand, November–December 1989

Barak J, Ad N, Diamant S, Vidne BA. The use of an experimental one-way, valved ASD patch: animal study and preliminary clinical experience. International College of Surgeons, Jerusalem, Israel, November 1989

Barak J, Ad N, Diamant S, Vidne BA. The use of an experimental one-way, valved ASD patch: animal study and preliminary clinical experience. Third Annual Meeting of the Mediterranean Association of Cardiology and Cardiac Surgery, Mallorca, Spain, November 1989

PRESENTATIONS AND LECTURES

2014

Visiting Professor, Long Beach Memorial Medical Center, Long Beach, CA, March 2014

- ◆ Presentation: Surgical Options in the Care of Patients with Atrial Fibrillation
- ◆ Roundtable workshops: Management of Postoperative Atrial Fibrillation and Use of the Surgical Maze Procedure
- ◆ Research workshop: How to develop a CF surgery research database
- ◆ Workshop: What the Visionary Hospital Administrator Should Know about Minimally Invasive Cardiac Surgery and Postoperative Care

Invited Faculty, Cardiovascular Research and Technologies 2014, Washington, DC, February 2014: Valve and Structural Heart Revolution for the Surgeon

- ◆ Presentation: Update on Maze Technique and Results
- ◆ Moderator, Panel Discussion: Percutaneous Mitral Valve Repair vs. Replacement: What Will Be the Dominant Procedure?
- ◆ Moderator, Mitral Valve Repair Panel Discussion
- ◆ Presentation: Who Are the Inoperable Patients with Direct Myocardial Revascularization and Functional Mitral Regurgitation?

50th Annual Meeting of the Society of Thoracic Surgeons, Orlando, FL, January 2014:

- ◆ Moderator, General Session
- ◆ Moderator: "Ask the Experts: Controversies in Mitral Valve and Atrial Fibrillation Surgery"
- ◆ Table Instructor: STS University, "Mitral Valve"

Program Co-Director and Invited Faculty: AtriCure® CT Surgery Symposium on Atrial Fibrillation: "Evolution of the Cardiac Arrhythmia Surgeon," Orlando, FL, January 2014:

- ◆ "The Decision-Making Process in the Surgical Treatment of AF"
- ◆ "Surgical Ablation in Patients with Aortic Valve Disease and Coronary Artery Disease"
- ◆ Dry lab with heart models to practice lesion placement

Instructor: Mission Hospital, Asheville, NC, January 2014: FDA-required training course on surgical ablation with the Atricure platform

2013

Invited Moderator: American Heart Association, Dallas, TX, November 2013: "Minimally Invasive Cardiac Surgery: Where Are We in 2013?"

Visiting Professor, Grand Rounds, The Cleveland Clinic, Cleveland, OH, November 2013: "The Surgical Treatment of Atrial Fibrillation: Decision Making and Surgeon Experience."

Invited Presentations: European Association for Cardio-Thoracic Surgery, Vienna, Austria, October 2013:

- ◆ “Rhythm Course over Five Years Following Surgical Ablation for Atrial Fibrillation”
- ◆ “Practice Changes in Blood Glucose Management Following Open-Heart Surgery”

16th Annual Scientific Meeting of the International Society for Minimally Invasive Cardiothoracic Surgery, Prague, Czech Republic, June 2013:

- ◆ Lecture: “Surgical Ablation of Atrial Fibrillation”
- ◆ Moderator: Ablation Live on Tape Session

Invited Moderator: Heart Valve Conference, Venice, Italy, June 2013: “How Much Should the MAZE Procedure Affect Valve Replacement Choice?”

Invited Presentation: Western Thoracic Surgical Association, Coeur d’Alene, ID, June 2013: “Should Surgical Ablation for Atrial Fibrillation be Performed in Patients with Significantly Enlarged Left Atrium?”

Visiting Professor: Cardiology Grand Rounds, George Washington University, Washington, DC, April 2013: “Surgical Ablation for Atrial Fibrillation: Past, Present, Future”

Invited Faculty: Florida Hospital, Orlando, FL, May 2013: “Arrhythmia Surgery in Patients with Congenital Heart Disease”

Invited Panel Speaker: 2013 Cardiovascular Symposium, Tysons Corner, VA, May 2013.

Invited Faculty: American Association for Thoracic Surgery Mitral Conclave 2013, New York, NY, May 2013: “Making the Decision to Perform a Concomitant Maze Procedure”

Invited Faculty: 93rd Annual Meeting of the American Association for Thoracic Surgery, Minneapolis, MN, May 2013:

- ◆ “Minimally Invasive Atrial Fibrillation Ablation”
- ◆ “Impact of Cox Maze Procedure for Atrial Fibrillation Concomitant to Mitral and Tricuspid Valve Surgery”

Visiting Professor: Cardiology Ground Rounds, George Washington University, Washington, DC, April 2013: “Surgical Ablation for Atrial Fibrillation: Past, Present, Future”

Invited Faculty: The Second Atrial Fibrillation Symposium, Leviev Heart Center, Sheba Medical Center, Israel, February 2013:

- ◆ “Surgical Treatment for Atrial Fibrillation: The ISMICS Consensus Statement”
- ◆ “Surgical Ablation for Atrial Fibrillation”

Invited Faculty: Cardiovascular Research and Technologies 2013, Washington, DC, February 2013:

- ◆ Moderator for Surgeons' Breakfast I: "Valve and Structural Heart Revolution"
- ◆ Speaker: "Update on Maze Technique and Results"
- ◆ Moderator: Panel Discussion
- ◆ Moderator: "Mitral Valve Repair"

Invited Faculty: 49th Annual Society of Thoracic Surgeons Annual Meeting, Los Angeles, CA, January 2013:

- ◆ Filmed Roundtable Discussion: "Capture Short- and Long-Term Atrial Fibrillation Follow-up Data in a Web-Based Module"
- ◆ Moderator: Adult Cardiac General Session

2012

Invited Speaker: Atrial Fibrillation Surgery Symposium, Medtronic Australia, Sydney, Australia, September 2012:

- ◆ Training: Open Chest and Minimally Invasive Cryo Procedure
- ◆ Topic: Cardiac Anatomy and AF Pathology
- ◆ Topic: "Cryoablation: Inova Experience"
- ◆ Topic: "HRS/ISMICS Guidelines and Consensus Statements"
- ◆ Topic: "Registry Setup/Clinical Trial Protocols"
- ◆ Topic: "Long-Term Patient Follow-Up"

Invited Speaker: Bakken Symposium 2012: Innovations in Cardiovascular Therapy, University of Minnesota, Minneapolis, MN, August 2012: "Surgical Approaches for Treating Atrial Fibrillation"

Invited Faculty: Mount Sinai, New York, NY, June 2012:

- ◆ Grand Rounds: ICU
- ◆ "The Role of Stand-Alone Surgical Atrial Fibrillation Correction in the Current Era of Percutaneous Catheter Based Ablation"

Invited Discussant: 92nd Annual Meeting of the American Association for Thoracic Surgery, San Francisco, CA, April 2012: "The Cure-AF Trial: A Prospective, Multicenter Trial of Irrigated Radiofrequency Ablation for the Treatment of Persistent Atrial Fibrillation During Concomitant Cardiac Surgery"

Invited Speaker and Chair: 30th Cardiovascular Surgical Symposium, Zürs, Austria, March 2012:

- ◆ Chair: "Atrial Fibrillation"
- ◆ Lecture: "Surgical AF Ablation: State of the Art"
- ◆ Lecture: "Surgical Exclusion of the LAA: Resection or Occlusion"

Invited Co-Course Director: Cardiovascular Research and Technologies 2012, Washington, DC, February 2012:

- ◆ Faculty: “Stand-Alone Surgical AF Rational and Outcome”
- ◆ Panelist: “Hot Topics for the Cardiothoracic Surgeon”
- ◆ Moderator: “Mitral Valve Repair”
- ◆ Moderator: “Is Percutaneous Valve Repair Ready for Prime Time? For Whom?”
- ◆ Faculty: “Surgical Maze with Mitral Repair: Rationale and Results”

Invited Speaker: 48th Annual Meeting of the Society of Thoracic Surgeons, Fort Lauderdale, FL, January–February 2012:

- ◆ Member: STS Task Force on Atrial Fibrillation Module Implementation
- ◆ Panel Member: 25th Anniversary of the Cox Maze Procedure Presentation: “Interventional Treatment”
- ◆ Debate: “Atrial Fibrillation Should Be Treated by a Catheter-Based Approach”

2011

Invited Speaker: Washington Adventist Hospital Heart Valve Symposium, Bethesda, MD, December 2011: “Role and Results of the Maze Procedure During Concomitant Valve Surgery”

Invited Faculty: Inova Health System, Lunch and Learn, Falls Church, VA, October 2011: Blood Conservation Program: “Blood Conservation in Cardiac Surgery Patients”

Invited Faculty: Controversies and Advances in the Treatment of Cardiovascular Disease, The 11th in the Series, Beverly Hills, CA, October 2011: Session V: Electrophysiology— Debate: Atrial Fibrillation: “Hybrid Strategies are the Best Option for Cure”

Invited Speaker and Cases: Vienna Medical University, Vienna, Austria, September 2011: Three live cases and lecture

Speaker: 6th Annual Atrial Fibrillation Patient Reunion and CME Presentation, Inova Fairfax Hospital, Falls Church, VA, September 2011: “What Matters Most: A Celebration of the Patient Experience”

Invited Speaker: 14th Annual Scientific Meeting of the International Society for Minimally Invasive Cardiothoracic Surgery, Washington DC, June 2011:

- ◆ Technical Challenges: Disasters and Pitfalls Session: “84-Year-Old Female”
- ◆ Presentation: “Building a Hybrid Operating Room from A–Z”

Invited Speaker: 27th Meeting of the Association of Cardiac Surgeons, Montreal, QC, Canada, June 2011: Atrial Fibrillation Session: “A Comprehensive Protocol to Improve the Results of AF Surgery”

Invited Faculty: Advanced Cardiac Techniques in Surgery 2011, New York, NY, May 2011:

- ◆ Moderator: Atrial Fibrillation Session
- ◆ Live on Tape: “Minimally Invasive Cryo/Cox-Maze Procedure
- ◆ Lecture: “Recent Developments of Surgical Treatment for Atrial Fibrillation”
- ◆ Lecture: “How to Build a Hybrid Atrial Fibrillation Program”

Invited Faculty: American Association for Thoracic Surgery Mitral Conclave 2011, New York, NY, May 2011:

- ◆ Panelist, Surgical Roundtable Discussion: “Complex Bileaflet Barlow’s with Annular Calcification in a 50-Year-Old Patient: Sternotomy or Thoracotomy? Mitral Valve Repair? Mechanical or Bioprosthetic Valve? Maze If Chronic AF with Giant Atrium?”
- ◆ Lecture, Breakout Session: “Functional Tricuspid Regurgitation: The Maze Procedure and Atrial Fibrillation: Current Concepts in the Surgical Treatment of Atrial Fibrillation”

Invited Speaker: 91st Annual Meeting of the American Association for Thoracic Surgery, Philadelphia, PA, May 2011:

- ◆ Atrial Fibrillation Session: “Which Energy Source is Being Proven Best?”
- ◆ Panel Discussion: Atrial Fibrillation Session

Chair and Panelist, ISMICS Expert Consensus Conference Panel, Hamilton, Bermuda, May 2011: “Blood Conservation in Cardiothoracic Surgery”

Grand Rounds and Case, Israel, April 2011:

- ◆ Live Surgery
- ◆ Lecture: “Are All Surgical Ablation Programs the Same?”

Center for Robotic and Minimally Invasive Cardiac Surgery at The Wisconsin Heart Hospital in Wauwatosa, WI, March 2011: Live surgery

Visiting Professor, Cardiology Grand Rounds, St. Boniface General Hospital, Winnipeg, MB, Canada, March 2011:

- ◆ Grand Rounds: “Surgical Atrial Fibrillation”
- ◆ Rounds with Professor: “Surgical Atrial Fibrillation”
- ◆ Dinner Presentation to Department of Cardiac Surgery and Anesthesiology: “Blood Conservation”

Invited Faculty: Cardiovascular Research and Technologies 2011, Washington, DC, February 2011:

- ◆ Speaker, Structural Heart and Valve Revolution I: “Current Surgical Standards for Mitral Leaflet and Chordal Repair: Patient Selection, Techniques, and Clinical Outcomes”

- ◆ Panelist, Structural Heart and Valve Revolution I: Panel Discussion: “Where Are We Going with Mitral Valve Repair: Will the Percutaneous Approach Be the Alternative to the Surgical Approach?”
- ◆ Panelist, Structural Heart and Valve Revolution I: Taped Case Demonstration: “Evalve Edge-to-Edge”
- ◆ Speaker, Structural Heart and Valve Revolution II: Debate: “EVEREST and Residual Mitral Regurgitation: Percutaneous Mitral Devices Will Change the Indications for Mitral Valve Procedures: Con”
- ◆ Panelist, Structural Heart and Valve Revolution II: Panel Discussion: “Are ‘Show-Stopppers’ Impeding Access to Valve Therapies in the U.S.?”

2010

Dallas-Leipzig International Valve 2010, Dallas, TX, December 2010:

- ◆ Invited Speaker: Symposium: “Atrial Fibrillation: From Mechanisms to Treatments”
- ◆
- ◆ Speaker: “Maze IV: Current Status of Alternate Energy Sources for Ablation”

Invited Presentation: American Heart Association Scientific Sessions, Chicago, IL, November 2010: Ask the Experts: “Atrial Fibrillation Surgery”

63rd Annual Scientific Meeting of the Japanese Association for Thoracic Surgery, Osaka, Japan, October 2010:

- ◆ Chair and Speaker: Postgraduate Course: “Recent Advance of Ablation for Atrial Fibrillation”
- ◆ Invited Lecturer: “The Implementation of a Comprehensive Clinical Protocol Improves Long-Term Success After Surgical Treatment of Atrial Fibrillation”
- ◆ Speaker: Lunch Symposium: “The Cryosurgery Maze Procedure Using Argon-Based System”
- ◆ Speaker: “Surgical Indication and Outcome of Atrial Fibrillation “

Director and Panelist: 5th Annual Atrial Fibrillation Patient Reunion and Continuing Medical Education Presentation, Inova Fairfax Hospital, Falls Church, VA, October 2010: “What Matters Most: A Celebration of the Patient Experience”

Presenter: Annual Meeting of the European Association for Cardiothoracic Surgery, Geneva, Switzerland, September 2010: Satellite Presentation

Presenter: Sahlgrenska Universitetssjukhuset, Goteborg, Sweden, September 2010: Surgical Cases (2)

Presenter : Mission Hospital, Asheville, NC, September 2010: Surgical Cases (2)

Speaker: CVICU Fellowship, Inova Heart and Vascular Institute, Falls Church, VA, August 2010: "Atrial Fibrillation"

Invited Faculty: Dallas-Leipzig Symposium, Tel Aviv, Israel, June 2010: Live surgery

Moderator and Speaker: 13th Annual Scientific Meeting of the International Society for Minimally Invasive Cardiothoracic Surgery, Berlin, Germany, June 2010: "Hybrid Suite for Electrophysiology"

American Association for Thoracic Surgery, Satellite Symposium: "Science of Cryosurgery," – Toronto, ON, Canada, May 2010.

Inova Fairfax Hospital, Falls Church, VA, May 2010: Continuing Medical Education event, "Exploring the Brain-Heart Connection":

- ◆ Co-Directorship with John W. ("Jack") Cochran, M.D.
- ◆ Presenter: "The CHADS Score Role in Managing Anticoagulation Following Surgical Ablation for Atrial Fibrillation"

Speaker: Joint Symposium, Saudi Heart Association and Heart and Health Foundation of Turkey, An Update on Current Applications in Mitral Valve Disease, Izmir, Turkey, April 2010:

- ◆ Live Transmission: "Concomitant AF Surgery by Cryoablation from DEU University"
- ◆ "Innovations in Cryoablation for Surgical AF in Mitral Valve Disease"

Presenter and Panelist: Estech Educational Masters Symposium, Minimally Invasive Surgical Ablation and Hybrid Procedures, Chicago, IL, April 2010:

- ◆ "Optimal MIS Ablation Technique"
- ◆ Panel Discussion: "Surgical Ablation"

Visiting Professor: Cardiovascular Surgery–Cardiology Rounds, St. Paul's Heart Centre, University of British Columbia, Victoria, BC, Canada, April 2010

Presenter: 7th Annual Heart of Evolution Educational Symposium, Victoria, BC, Canada, February 2010: "Surgical Treatment of Atrial Fibrillation: A Dialogue...Definitions and Goals" (remote presentation)

Speaker and Panelist: Cardiovascular Research and Technologies 2010, Washington, DC, February 2010:

- ◆ "Current Surgical Standards for Mitral Leaflet and Chordal Repair: Patient Selection, Techniques, and Clinical Outcomes"
- ◆ "Is There Any Need to Address Atrial Fibrillation in Patients Who Are Undergoing Valve Surgery?"
- ◆ Taped Case Demonstration: Evalve Edge to Edge

- ◆ Debate: “Percutaneous Mitral Devices Will Change the Indications for Mitral Valve Procedures”
- ◆ Panel Discussion: “What Will Be the Role of Percutaneous Mitral Procedures?”

2009

Invited Faculty: The Leipzig– Dallas Joint Symposium Latest Techniques in Cardiac Surgery, Leipzig, Germany, December 2009: Live surgery, “Cryo/Maze”

Lecturer: IRC Research Training Day, Inova, Falls Church, VA, December 2009: Workshop on Research Databases

23rd Annual Meeting of the European Association for Cardio-Thoracic Surgery, Vienna, Austria, October 2009:

- ◆ Faculty Speaker for ATS Medical: “The Surgical Treatment of Atrial Fibrillation: Minimally Invasive CryoMaze III Without Aortic Cross Clamping”
- ◆ Faculty Speaker, Frontiers in Cryoablation Symposium: “Cryosurgery for the Treatment of Cardiac Arrhythmia”

Faculty Speaker: Grand Rounds, Cardiothoracic Surgery, Department of Surgery, Albany Medical College, Albany, NY, September 2009: “The Maze Procedure: A Dialogue Concerning Definition and Goals”

Visiting Professor: Grand Rounds, Coswig, Germany, July 2009: “Minimally Invasive Cryoablation Maze Procedure”

Visiting Surgeon: Grand Rounds, Luebeck, Germany, July 2009: “Minimally Invasive Cryoablation Maze Procedure”

Visiting Professor: Grand Rounds, Badoyenhausen, Germany, July 2009: “Minimally Invasive Cryoablation Maze Procedure”

International Society for Minimally Invasive Cardiac Surgery, San Francisco, CA, June 2009:

- ◆ Postgraduate Course
- ◆ Moderator
- ◆ Invited Presentations:
 - “Cox-Maze Procedure”
 - “Minimally Invasive Cryomaze III Procedure Performed Without Aortic Clamping”

Visiting Professor: Grand Rounds, University of Ottawa, ON, Canada, June 2009: “The Impact of a Collaborative Approach Between Cardiology and Cardiac Surgery on the Atrial Fibrillation Surgery Program”

Advanced Cardiac Techniques in Surgery (ACTS), New York, NY, May 2009:

- ◆ “Minimally Invasive Maze III Procedure Without Aortic Cross-Clamping Using Cryoablation Technology”
- ◆ Moderator and Faculty Member

Heart Rhythm Society, Boston, MA, May 2009: Featured Poster Presentation: “Success of Surgical Ablation in Patients with Long-Standing Persistent Atrial Fibrillation (AF)”

American Association for Thoracic Surgery, Boston, MA, May 2009: Postgraduate Course: “Surgical Treatment for AF: Are We Ready for Prime Time?”

Invited Chair: Consensus Conference on Surgical Treatment of Atrial Fibrillation, International Society for Minimally Invasive Cardiothoracic Surgery, Paris, France, May 2009

Moderator, Speaker, Panelist: Cardiovascular Research Institute Annual Meeting and Workshop with the FDA, Washington, DC, March 2009

Society of Thoracic Surgeons–American Association for Thoracic Surgery Technical Conference, January 2009: “Surgical Ablation: The Real Results”

2008

Second Annual Integrated Surgical and Electrophysiology Summit: Falls Church, VA, December 2008: “Innovations and Controversies in the Treatment of Atrial Fibrillation”

Invited Presentation: International Symposium for Cardiac Surgery, The World Bank, Washington, DC, December 2008:

- ◆ “The Selection of Patients for Atrial Fibrillation Surgery”
- ◆ “Contemporary Surgical Techniques for Concomitant AF and Stand-Alone AF”
- ◆ Video Conference, Heart Institute, Ho Chi Minh City, Vietnam

Invited Speaker: World Bank, Washington, DC, November 2008: International Teleconference on Cardiac Surgery and Webcast

Nursing Research Symposium, Inova Health System, October 2008: Anderson J, Henry LL, Hunt SL, Halpin L, Martin LM, White J, Ad N, Speir AM. “Use of Bispectral Index Monitoring (BIS) when Extubating Cardiac Surgery Patients”

Guest Faculty: 8th Symposium on Controversies and Advance Treatments in Cardiovascular Disease, Beverly Hills, CA, September 2008: “The Treatment of Atrial Fibrillation—Primary Ablation Carries Low Risk and Great Benefits”

Guest Faculty: 22nd Annual Meeting of the European Association for Cardio-Thoracic Surgery, Lisbon, Portugal, September 2008: "Frontiers in Cryoablation"

9th International Dead Sea Symposium, Tel Aviv, Israel, September 2008:

- ◆ Moderator: "Surgical Treatment of Atrial Fibrillation"
- ◆ Guest Faculty: Maze: Past, Present and Future: "Surgery for Atrial Fibrillation Following Percutaneous Ablation: Debate"

11th Annual Meeting of the International Society for Minimally Invasive Cardiac Surgery, Boston, MA, June 2008:

- ◆ Guest Faculty: Moderated Discussion: "Surgery for the Concomitant Disease"
- ◆ "The Minimally Invasive Atrial Fibrillation Surgery"

Moderator: Satellite Symposium for the 88th Annual Meeting of the American Association for Thoracic Surgery, San Diego, California, May 2008: "Cryosurgery for Atrial Fibrillation"

Invited Speaker: Grand Rounds, Rabin Medical Center, Tel Aviv, Israel, May 2008: "Atrial Fibrillation and Surgical Treatment"

ATS Medical, Minneapolis, MN, May 2008: Discussion on Atrial Fibrillation and Heart Valves

Visiting Professor: University of Pennsylvania, April 2008: "The Maze Procedure"

Invited Speaker: Cardiovascular Research Institute Annual Meeting and Workshop with the U.S. Food and Drug Administration, Washington, DC, February 2008:

- ◆ Invited Speaker:
 - "Surgical Approach to Mitral Valve Repair"
 - "Mitral Valve Repair"
- ◆ Guest Faculty:
 - Moderated Discussion: "Where Are We Going with Mitral Valve Repair: Will the Percutaneous Approach Be the Alternative to the Surgical Approach?"
 - Panel Discussion: "Pivotal Clinical Trial Design Considerations for Percutaneous Devices for Organic Mitral Valve Disease and Functional Mitral Regurgitation"

Visiting Professor: University of Pennsylvania, January 2008: "The Maze Procedure"

2007

Speaker: U.S. Food and Drug Administration Meeting of the Cardiovascular and Renal Drugs Advisory Committee with the Drug Safety and Risk Management Advisory Committee, September 2007: Open Public Hearing Session: "Is the Debate on the Safety of Aprotinin Following Cardiac Surgery Over?"

Guest Faculty: University of Pennsylvania Health System, Philadelphia, Pennsylvania, September 2007: “How Do We Spell Maze? A Dialog Concerning Definitions and Goals”

Guest Faculty: Department of Cardiac Surgery, Policlinico University Tor Vergata, Direttore Istituto Cardiac Surgery, Rome, Italy, June 2007: “Indications and Techniques for Atrial Fibrillation”

10th Annual Meeting of the International Society for Minimally Invasive Cardiothoracic Surgery, Rome, Italy, June 2007:

- ◆ Guest Faculty and Invited Speaker: Postgraduate course: “Left Atrial Surgical Ablation Is Good Enough for Patients with AF and Valvular Disease—Debate
- ◆ Invited Speaker: “The Impact of Follow-Up on the Outcome Following the Maze Procedure” —Satellite

Guest Faculty and Invited Speaker: 87th Annual Meeting of the American Association for Thoracic Surgery, Washington, DC, May 2007: Postgraduate course: “Minimally Invasive Maze Procedure”

Visiting Professor: New York University, May 2007: “Maze Procedure”

Invited Speaker: Inova Heart and Vascular Institute, Falls Church, VA, May 2007: Continuing Medical Education for Cardiologists: “Non-Pharmacological Treatment for Atrial Fibrillation”

Speaker: 30th Annual Eastern Shore Medical Symposium, Rehoboth Beach, DE, March 2007: “Atrial Fibrillation”

Cardiovascular Research Institute Annual Meeting and Workshop with the U.S. Food and Drug Administration, Washington, DC, March 2007:

- ◆ Invited Speaker: “Mitral Surgical Repair vs. Percutaneous Valve Repair”
- ◆ Guest Faculty:
 - “Controversies in Aortic Valve Percutaneous Trial Design”
 - “Controversies in Trial Design”

Visiting Professor: Stanford University, Stanford, CA, March 2007: “How Do We Spell Maze?”

Visiting Professor: Advanced Cardiac Techniques in Surgery, New York University, New York, NY, March 2007: “Minimally Invasive Mitral Valve Combined with the Maze Procedure”

Invited Faculty: Inova Health System, Falls Church, VA, February 2007: Lunch and Learn: “The Maze Procedure”

Invited Speaker: Medtronic Satellite Symposium at the 43rd Annual Meeting of the Society for Thoracic Surgeons, San Diego, CA, January 2007: “Charting the Course in Surgical Ablation”

Invited Speaker: Inova Heart and Vascular Institute, Falls Church, VA, January 2007: Continuing Medical Education for Local Cardiologists: “Non-Pharmacological Treatment for Atrial Fibrillation”

2006

Stanford University, Stanford, CA, December 2006: “Bipolar Radiofrequency as an Ablation Tool for the Treatment of Atrial Fibrillation”

Chair of the Scientific Session, November 2006: “Surgical Treatment for Atrial Fibrillation”

International Dead Sea Symposium, Tel-Aviv, Israel, October 2006:

- ◆ Chair, Scientific Session
- ◆ Plenary Session: “How Do We Spell Maze? A Dialogue Concerning Definitions and Goals”

Invited Speaker: Peninsula Regional Medical Center, Salisbury, MD, October 2006: “The Surgical Treatment of Atrial Fibrillation: Past, Present, and Future”

Cardiac Surgery Grand Rounds, Kaiser SF, August 2006: “The Current Status of AF Surgery”

Guest Faculty: Annual Meeting of the Surgical Treatment of Atrial Fibrillation, June 2006:

- ◆ “Surgery for Atrial Fibrillation Combined with Valvular Heart Disease”
- ◆ “Minimally Invasive Maze Procedure”

9th Annual Meeting of the International Society for Minimally Invasive Cardiac Surgery, San Francisco, CA, June 2006: Postgraduate Course: “The Surgical Treatment of Atrial Fibrillation”

Inova Lunch and Learn Program, January 2006: “Health-Related Quality of Life in Cardiac Surgery Patients”

2005

American Heart Association Atrial Fibrillation Research Summit, December 2005: “Atrial Fibrillation Surgery: What Is the Right Lesion Set?”

Stanford University, Stanford, CA, December 2005: Cardiac Surgery Grand Rounds: “Maze Procedure: Past, Present, and Future”

Berlin Heart Institute, Berlin, Germany, September 2005: Cardiac Surgery Grand Rounds: “Surgical Treatment for Atrial Fibrillation”

Annual Meeting on the Surgical Treatment of Atrial Fibrillation 2005:

- ◆ Guest Faculty
- ◆ “The Role of Pulmonary Vein Isolation in Patients with Permanent Atrial Fibrillation”—Debate

Eighth Annual Meeting of the International Society for Minimally Invasive Cardiothoracic Surgery, New York, NY, June 2005: New Paradigms Guiding the Surgical Treatment of Atrial Fibrillation: “Maze Procedure: Past, Present and a Bright Future”

Barnes Hospital, Washington University in St. Louis, St. Louis, MO, April 2005: Maze Reunion: “The Technology Involved in Atrial Fibrillation Surgery”

George Washington University Hospital, Washington, DC, February 2005: Cardiology Grand Rounds: “The Role of Surgery in Atrial Fibrillation”

2004

Inova Heart and Vascular Institute, Falls Church, VA: Heart Failure Summit: “Atrial Fibrillation in Patients with Congestive Heart Failure”

1998

Member, Organizing Committee: International Meeting of the 6th European Congress of Video Surgery, Jerusalem, Israel, March 1998

1995

Invited Lecturer: Third International Congress of Heart Failure, Geneva, Switzerland, May 1995

ATTENDANCE AT OTHER SCIENTIFIC MEETINGS

59th Annual Meeting of the Southern Thoracic Surgical Association, Naples, FL, November, 2012

26th Annual Meeting of the European Association for Cardiothoracic Surgery, Barcelona, Spain, October 2012

38th Annual Meeting of the Western Thoracic Surgical Association, Wailea, HI, June 2012

15th Annual Scientific Meeting of the International Society for Minimally Invasive Cardiothoracic Surgery, Los Angeles, CA, May 2012

Fourth Annual Joint Scientific Session of the Heart Valve Society of America and the Society of Heart Valve Disease, New York, NY, April 2012

Annual Meeting of the 21st-Century Cardiothoracic Surgical Society, Boca Raton, FL, February 2012

American Heart Association Scientific Sessions 2011, Orlando, FL, November 2011

58th Annual Meeting of the Southern Thoracic Surgical Association, San Antonio, TX, November 2011

25th Annual Meeting of the European Association for Cardiothoracic Surgery, Lisbon, Portugal, October 2011

Joint Meeting of the Society for Heart Valve Disease and the Heart Valve Society of America, Barcelona, Spain, June 2011

37th Annual Meeting of the Western Thoracic Surgical Association, Colorado Springs, CO, June 2011

47th Annual Meeting of the Society of Thoracic Surgeons, San Diego, CA, , January 2011

57th Annual Meeting of the Southern Thoracic Surgical Association, Orlando, FL, November 2010

36th Annual Meeting of the Western Thoracic Surgical Association, Ojai, CA, June 2010

31st Annual Scientific Sessions of the Heart Rhythm Society, Denver, CO, May 2010

46th Annual Meeting of the Society of Thoracic Surgeons, Fort Lauderdale, FL, January 2010

American Heart Association Scientific Sessions, Orlando, FL, November 2009

56th Annual Meeting of the Southern Thoracic Surgical Association, Marco Island, FL, November 2009

Annual Meeting of the Society for Heart Valve Disease, Berlin, Germany, June 2009

14th Annual Atrial Fibrillation Symposium, Boston, MA, January 2009

94th Annual Meeting of the American College of Surgeons, San Francisco, CA, October 2008

29th Annual Meeting of the Heart Rhythm Society, San Francisco, CA, May 2008

Annual Meeting of the College of Chest Physicians, Chicago, IL, October 2007

Fourth Biennial Meeting of the Society for Heart Valve Disease, New York, NY, June 2007

28th Annual Heart Rhythm Society Meeting, Denver, CO, May 2007

79th Scientific Sessions of the American Heart Association, Chicago, IL, November 2006

Annual Meeting of the College of Chest Physicians, Salt Lake City, UT, October 2006

78th Scientific Sessions of the American Heart Association, Dallas, TX, November 2005

31st Annual Meeting of the Western Thoracic Association, Victoria, BC, Canada, June 2005

51st Annual Conference of the Israeli Heart Society, Tel-Aviv, Israel, April 2004

76th Scientific Sessions of the American Heart Association, Orlando, FL, November 2003

Second Biennial Meeting of the Society of Heart Valve Disease, Paris, France, June 2003

50th Annual Conference of the Israeli Heart Society, Tel-Aviv, Israel, May 2003

49th Annual Conference of the Israeli Heart Society, Tel-Aviv, Israel, April 2002

Dead Sea Annual Electrophysiology Meeting, Tel-Aviv, Israel, March 2002

81st Annual Meeting of the American Association for Thoracic Surgery, San Diego, CA, May 2001

37th Annual Meeting of the Society of Thoracic Surgeons, New Orleans, LA, January 2001

21st Annual Scientific Meeting of the North American Society of Pacing and Electrophysiology, Washington, DC, May 2000

80th Annual Meeting of the American Association for Thoracic Surgery, Toronto, ON, Canada, April–May 2000

72nd Scientific Sessions of the American Heart Association, Atlanta, GA, November 1999

79th Annual Meeting of the American Association for Thoracic Surgery, New Orleans, LA, April 1999

Second World Congress of Pediatric Cardiology and Cardiac Surgery, Honolulu, HI, May 1997

Mediterranean Association of Cardiology and Cardiac Surgery, Tel-Aviv, Israel, October 1996

European Society for Cardiothoracic Surgery, Kyoto, Japan, September 1996

EMBO Workshop on Myogenesis and Molecular Genetics of Neuromuscular Diseases, Ein-Gedi, Israel, February–March 1996

Joint 12th World Congress of Cardiology and 16th Congress of the European Society of Cardiology, Berlin, Germany, September 1994

World Congress of the International Society of Cardiothoracic Surgeons, Jerusalem, Israel, February 1994

14th European Section Meeting of the International Society for Heart Research, Jerusalem, Israel, May 1993

Third World Congress of Pediatric Cardiology, Bangkok, Thailand, November–December 1989