



FLORIDA HEART RHYTHM SPECIALISTS, PLLC

Phone: 954-678-9531 • Fax: 954-678-9533

1841 NE 45th Street – Ft. Lauderdale, FL 33308 • 350 NW 84th Ave – Suite 110 – Plantation, FL 33324
2825 N State Road 7 - Suite 303 - Margate, FL 33063

David Noah Kenigsberg, M.D., F.A.C.C., F.H.R.S.
Clinical Cardiac Electrophysiologist
E-mail: dkenigsberg@flahrs.com

Current Practice

Founder, Florida Heart Rhythm Specialists, PLLC, a privately held single specialty cardiology practice dedicated to clinical cardiac electrophysiology, offering comprehensive and highly advanced management of the entire spectrum of cardiac rhythm disturbances. With three permanent office locations, two physicians and three physician extenders to serve norther Broward county, the practice offers all aspects of cardiac device therapy, from implantation to follow up and extraction, as well as ablation of arrhythmias and left atrial appendage exclusion device implantation.

Current Hospital Affiliations (all in Florida):

University Hospital, Davie
Coral Springs Medical Center, Coral Springs
Broward Health North, Pompano Beach
Broward Health Imperial Point, Ft. Lauderdale
Holy Cross Hospital, Ft. Lauderdale
Northshore Medical Center, Florida Medical Center Campus, Ft. Lauderdale
Northwest Medical Center, Margate
Woodmont Hospital, Tamarac
Plantation General Hospital, Plantation
Broward Health Medical Center, Ft. Lauderdale
Westside Regional Medical Center, Plantation

Teaching

Voluntary Assistant Professor of Medicine,
University of Miami Miller School of Medicine
June 18, 2012 to Present

Clinical Assistant Professor,
Division of Cardiology
Nova Southeastern University
January 1, 2009 to Present

Clinical Preceptor,
Master of Science in Physician Assistant Program
Keiser University
January 5, 2011 to Present

Directorships

Fort Lauderdale Heart & Rhythm Center, Medical Director
January 1, 2020 to December 31, 2020

Fort Lauderdale Heart & Rhythm Center, Laboratory Director
January 1, 2019 to December 31, 2019
January 1, 2021 to Present



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Westside Regional Medical Center, Director of Electrophysiology Laboratory
December 1, 2010 to Present

Florida Heart Rhythm Specialists, Co-Founder and Medical Director
September 2009 to Present

Career Experience

Florida Heart Rhythm Specialists, PLLC
Co-founded with Dr. Ahmed F. Osman
Broward County, Florida
September 8, 2009 to Present

David N. Kenigsberg, MD, PA
Cardiac Electrophysiology solo practice
Plantation, Florida
July 7, 2007 to September 8, 2009

Graduate Medical Education

Virginia Commonwealth University/
Medical College of Virginia Hospitals, Richmond, Virginia
Section of Cardiac Electrophysiology
7/2005-6/2007
Electrophysiology Fellow

Henry Ford Hospital, Detroit, Michigan
Division of Cardiovascular Medicine
7/2004-6/2005
Chief Cardiology Fellow

Henry Ford Hospital, Detroit, Michigan
Division of Cardiovascular Medicine
7/2002-6/2004
Cardiology Fellow

Jackson Memorial Hospital, Miami, Florida
Department of Internal Medicine
6/1999-6/2002
Resident Physician

Medical Education

University of Miami School of Medicine, Miami, Florida
8/1995-5/1999
Doctor of Medicine

Undergraduate Education

University of Miami, Coral Gables, Florida
8/1993-5/1995
Bachelor of Science, Biology and Chemistry
Graduated with Honors



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Testing and Certification

American Board of Internal Medicine, Clinical Cardiac Electrophysiology

Certification 10/29/2009

Maintaining Certification

American Board of Internal Medicine, Certification in Cardiovascular Disease

Certification 10/31/2006

Recertification 11/1/2017

Maintaining Certification

American Board of Internal Medicine, Certification in Internal Medicine

Certification 08/20/2002

Recertification 10/6/2011

Maintaining Certification

National Board of Physicians and Surgeons, Clinical Cardiac Electrophysiology

Certification 05/18/2015

National Board of Physicians and Surgeons, Certification in Cardiovascular Disease

Certification 05/18/2015

National Board of Physicians and Surgeons, Certification in Internal Medicine

Certification 05/18/2015

USMLE Step 3, 2/2001

USMLE Step 2, 8/1998

USMLE Step 1, 6/1997

Licensure

State of Florida Department of Health Division Quality Assurance, active

National Controlled Substance Registration Certificate, DEA, active

State of Michigan Bureau of Health Services, inactive

State of Michigan Board of Pharmacy Controlled Substance License, inactive

Commonwealth of Virginia Department of Health Professions, inactive

Associations (current affiliation)

- Heart Rhythm Society, Fellow
- American College of Cardiology, Fellow
- Florida Chapter, American College of Cardiology
- American Medical Association
- Florida Medical Association
- Broward County Medical Association

Leadership Experience

- Heart Rhythm Society
Reimbursement and Regulatory Affairs Subcommittee, Member
May 1, 2021 to Present
- Otsuka Pharmaceutical OPS-2071 Trial
Data Safety and Monitoring Board, Member
1/2020 to Present
- Broward Health Medical Center



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Medicine Quality/Peer Review Committee, Chair
6/13/2019 to Present

- Broward County Medical Association
Immediate Past President
12/2019 to 12/2020
- Advisory committee to the transition team of Florida Governor Ron DeSantis & Lieutenant Governor Jeanette Nuñez
Advisor
12/2018 to 1/2019
- Broward County Medical Association
President
11/1/2018 to 12/2019
- Broward County Medical Association
President Elect
11/1/2016 to 10/31/2018
- Florida Chapter of the American College of Cardiology
Chairman, Advocacy Committee
10/1/2015 to Present
- Florida Chapter of the American College of Cardiology
Delegate to the Florida Medical Association
7/30/2011 to Present
- Broward Health Medical Center
Cardiology Quality/Peer Review Committee, Chair
4/2013 to 12/2020
- Broward Health Medical Center
Medicine Quality/Peer Review Committee, Committee Member
3/29/2012 to Present
- Edwards COMPASSION S3, ACI
Data Safety and Monitoring Board, Chairman
8/1/2016 to Present
- Atricure DEEP Trial, ACI
Data Safety and Monitoring Board, Member
1/7/2015 to Present
- Broward County Medical Association
Treasurer
10/29/2015 to 11/1/2016
- Broward County Medical Association
Secretary
10/25/2014 to 10/29/2015
- Broward County Medical Association Board of Governors
Member
10/25/2014-Present
- StopAfib.org Medical Advisory Board
Board Member
9/1/2013 to 12/31/2015
- Broward County Board of County Commissioners
Broward Regional Emergency Medical Services
Board Member



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3/26/2012 to 12/31/2017

- Broward County Medical Association
Board Member
9/25/2008 to Present
- Westside Regional Medical Center
Chairman, Electrophysiology Committee
7/2007 to Present
- Florida Chapter of the American College of Cardiology
Board of Directors
Representative, District 8
10/26/2007 to Present
- Florida Chapter of the American College of Cardiology
Cardiac Catheterization Committee
8/2008 to 6/2012
- Florida Chapter of the American College of Cardiology
3rd Party Reimbursement Committee
8/2008 to 6/2012
- Broward County Medical Association
Delegate to the Florida Medical Association
8/7/2007 to 7/2011
- South Florida Caucus
Caucus Member
8/7/2007 to Present
- Plantation General Hospital
Medical Review Committee
1/2008 to 12/2012
- American College of Cardiology
Advocacy Committee, Fellow in Training Member
4/2005-3/2008
- Keneseth Beth Israel
Board of Directors
6/2006-6/2007
- Rudlin Torah Academy
Board of Directors
6/2006-6/2007
- Virginia Chapter of the American College of Cardiology
Fellow in Training Representative
5/2005-6/2007
- Michigan Chapter of the American College of Cardiology
Fellowship Representative
11/2003-6/2005
- Henry Ford Hospital, Department of Medicine
Medical Student Cardiology Core Lecture Series Instructor
6/2002-6/2005
- University of Miami Alumni Association Board
Resident Member
8/2000-6/2002
- University of Miami School of Medicine



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Co-Chairman, Graduation Committee
1/1998-5/1999

- University of Miami Medical Ethics Society
Student Co-Founder/Co-Chairman
9/1995-5/1999
- Florida Medical Association
Student Delegate and Lobbyer
1/1995-12/1999

Publications

Prospective Randomized Multicenter Comparison of Third Generation Cryoballoon and Laser Balloon Catheters for Pulmonary Vein Isolation Ablation in patients with Paroxysmal Atrial Fibrillation. Huang, HD, Du Fay de Lavallaz JM, Macias C, Ravi V, Krishnan K, Sharma PS, Larsen TR, Wasserlauf J, Trohman RG, **Kenigsberg DN**. Heart Rhythm. 2021 Aug;18(8): S128. Abstract No. B-PO02-078.

A Prospective, Multicenter Comparison of Radiofrequency, Cryoballoon, and Laser Balloon Ablation for Pulmonary Vein Isolation in Patients with Atrial Fibrillation: Acute Procedural Findings. Huang, HD, Macias C, Du Fay de Lavallaz JM, Krishnan K, Sharma PS, Kenigsberg S, Trohman RG, Larsen TR, Wasserlauf J, **Kenigsberg DN**. Heart Rhythm. 2021 Aug;18(8): S319-320. Abstract No. B-PO04-100.

A Prospective Multicenter US Comparison of Radiofrequency, Cryoballoon, and Laser Balloon Modalities for Pulmonary Vein Isolation Ablation in Patients with Atrial Fibrillation. Huang, HD, Macias C, Du Fay de Lavallaz JM, Rodriguez JM, Kenigsberg S, Krishnan K, Sharma PS, Larsen TR, Trohman RG, **Kenigsberg DN**. Heart Rhythm. 2021 Aug;18(8): 69. Abstract No. B-PO01-045.

Clinical Applications of Laser Technology: Laser Balloon Ablation in the Management of Atrial Fibrillation. Skeete JR, Du-Fay-de-Lavallaz JM, **Kenigsberg D**, Macias C, Winterfield JR, Sharma PS, Trohman RG, Huang HD. Micromachines (Basel). 2021 Feb 12;12(2):188. doi: 10.3390/mi12020188.

Retrospective review of Arctic Front Advance Cryoballoon Ablation: a multicenter examination of second-generation cryoballoon (RADICOOl trial). Su W, Orme GJ, Hoyt R, Baker J, Compton S, Fellows C, Harding J, Svinarich JT, Kowalski M, Piedad B, **Kenigsberg D**, Seger J, Ahmad ZK, Wang P. J Interv Card Electrophysiol. 2018 Apr;51(3):199-204. doi: 10.1007/s10840-018-0335-1. Epub 2018 Feb 24.

Reply to the Editor-The merit of real-world 'clinical' research vs the promise of 'pre-clinical' future developments. Aryana A, **Kenigsberg D**, Kowalski M, Koo C, Ellenbogen K. Heart Rhythm. 2017 Dec;14(12):e501. doi: 10.1016/j.hrthm.2017.09.027. Epub 2017 Sep 18.

Initial Clinical Experience with a New Automated Antitachycardia Pacing Algorithm: Feasibility and Safety in an Ambulatory Patient Cohort. Yee R, Fisher JD, Birgersdotter-Green U, Smith TW, **Kenigsberg DN**, Canby R, Jackson T, Taepke R, DeGroot P. Circ Arrhythm Electrophysiol. 2017 Sep;10(9). pii: e004823. doi: 10.1161/CIRCEP.116.004823.

Verification of a novel atrial fibrillation cryoablation dosing algorithm guided by time-to-pulmonary vein isolation: Results from the Cryo-DOSING Study (Cryoballoon-ablation DOSING Based on the Assessment of Time-to-Effect and Pulmonary Vein Isolation Guidance). Aryana A, **Kenigsberg DN**, Kowalski M, Koo CH, Lim HW, O'Neill PG, Bowers MR, Hokanson RB, Ellenbogen KA; Cryo-DOSING Investigators. Heart Rhythm. 2017 Sep;14(9):1319-1325. doi: 10.1016/j.hrthm.2017.06.020. Epub 2017 Jun 15.



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Uninterrupted Dabigatran versus Warfarin for Ablation in Atrial Fibrillation. Calkins H1, Willems S1, Gerstenfeld EP1, Verma A1, Schilling R1, Hohnloser SH1, Okumura K1, Serota H1, Nordaby M1, Guiver K1, Biss B1, Brouwer MA1, Grimaldi M1; RE-CIRCUIT Investigators: de Asmundis C, Debruyne P, Pierard L, Scavée C, Schwagten B, van Acker H, van Heuverswyn F, Ayala-Paredes F, Lane C, Lockwood E, Michael K, Morillo C, O'Hara G, Cebon JP, Chevalier P, DeChillou C, Defaye P, Deharo JC, Duthoit G, Marijon E, Mechulan A, Sacher F, Bonnemeier H, Dahme T, Ince H, Neumann T, Steven D, Ücer E, Zabel M, Calo L, Cireddu M, Menardi E, Themistoclakis S, Tondo C, Fujii K, Iwasa A, Inden Y, Kimura M, Murakami M, Murakami Y, Satomi K, Shimizu W, Watarai M, Yoshida Y, Merino JL, Mitjans AM, Mont L, Asensi JO, Pedrote Martínez AA, Teijeira-Fernández E, Allaart CP, de Jong JS, Folkeringa RJ, Simmers TA, Barbarash OL, Kuznetsov V, Nedoshivin A, Novikova T, Revishvili AS, Staroverov I, Agarwal S, Betts T, Connelly D, Hobson N, Leong F, McCready J, Paisey J, Tayebjee M, Thornley A, Ahmed J, Beck H, Beinart S, Bindra S, Chae S, Cheng J, Eldadah Z, Feigenblum D, Fuenzalida C, Gandhavadi M, Garabelli P, Gerstenfeld E, Gonzalez M, Hurwitz J, Johnson C, Kabra R, Kowalski M, Kulkarni G, Marrouche N, Miller J, Mounsey P, Norris B, O'Neill G, Roukoz H, Srivatsa U, Talano J, Vora A, Wong B, Camm J, Cappato R, Crijns H, **Kenigsberg D**, Tijssen JG, Januzzi J, Garasic J, Pehrson S, Kolansky D, McDonald M, Van Tosh A, Sturm J, Peeters A, Hirsch K. *N Engl J Med.* 2017 Apr 27;376(17):1627-1636. doi: 10.1056/NEJMoa1701005. Epub 2017 Mar 19.

Mechanisms of Undersensing by a Noise Detection Algorithm That Utilizes Far-Field Electrograms With Near-Field Bandpass Filtering. Koneru JN, Swerdlow CD, Ploux S, Sharma PS, Kaszala K, Tan AY, Huizar JF, Vijayaraman P, **Kenigsberg D**, Ellenbogen KA. *J Cardiovasc Electrophysiol.* 2017 Feb;28(2):224-232. doi: 10.1111/jce.13143. Epub 2017 Jan 19.

Catheter ablation using the third-generation cryoballoon provides an enhanced ability to assess time to pulmonary vein isolation facilitating the ablation strategy: Short- and long-term results of a multicenter study. Aryana A, Kowalski M, O'Neill PG, Koo CH, Lim HW, Khan A, Hokanson RB, Bowers MR, **Kenigsberg DN**, Ellenbogen KA; Cryo-DOSING Investigators. *Heart Rhythm.* 2016 Dec;13(12):2306-2313. doi: 10.1016/j.hrthm.2016.08.011. Epub 2016 Aug 5.

Anti-arrhythmic medications increase non-cardiac mortality - A meta-analysis of randomized control trials. Pandya B, Spagnola J, Sheikh A, Karam B, Anugu VR, Khan A, Lafferty J, **Kenigsberg D**, Kowalski M. *J Arrhythm.* 2016 Jun;32(3):204-11. doi: 10.1016/j.joa.2016.02.006. Epub 2016 Mar 11.

Quantification of the cryoablation zone demarcated by pre- and postprocedural electroanatomic mapping in patients with atrial fibrillation using the 28-mm second-generation cryoballoon. **Kenigsberg DN**, Martin N, Lim HW, Kowalski M, Ellenbogen KA. *Heart Rhythm.* 2015 Feb;12(2):283-90. doi: 10.1016/j.hrthm.2014.11.012. Epub 2014 Nov 13.

Do omega-3 polyunsaturated fatty acids reduce risk of sudden cardiac death and ventricular arrhythmias? A meta-analysis of randomized trials. Khoueiry G, Abi Rafeh N, Sullivan E, Saiful F, Jaffery Z, **Kenigsberg DN**, Krishnan SC, Khanal S, Bekheit S, Kowalski M. *Heart Lung.* 2013 Jul-Aug;42(4):251-6. Epub 2013 May 25.

Histopathologic Characterization of Chronic Radiofrequency Ablation Lesions for Pulmonary Vein Isolation. Kowalski M, Grimes MM, Perez FJ, **Kenigsberg DN**, Koneru J, Kasirajan V, Wood MA, and Ellenbogen KA. *J Am Coll Cardiol.* 2012 Mar 6;59(10):930-8.



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Intracoronary electrocardiographic deflections during transmural ischemia induced by percutaneous transluminal coronary angioplasty. Sinno MC, Kowalski M, **Kenigsberg DN**, Khanal S, Krishnan SC. Henry Ford Hospital. J Electrocardiol. 2009 Sep-Oct;42(5):453-4. Epub 2009 Jun 18.

R-wave amplitude changes measured by electrocardiography during early transmural ischemia. Sinno MC, Kowalski M, **Kenigsberg DN**, Krishnan SC, Khanal S. J Electrocardiol. 2008 Sep-Oct;41(5):425-30. doi: 10.1016/j.jelectrocard.2007.12.008. Epub 2008 Mar 19.

Sensing failure associated with the Medtronic Sprint Fidelis defibrillator lead. **Kenigsberg DN**, Mirchandani S, Dover AN, Kowalski M, Wood MA, Shepard RK, Kalahasty G, Stein KM, Markowitz SM, Iwai S, Shah BK, Lerman BB, Mittal S, Ellenbogen KA. J Cardiovasc Electrophysiol. 2008 Mar;19(3):270-4. doi: 10.1111/j.1540-8167.2007.01058.x. Epub 2007 Dec 20.

Physiologic pacing: more answers, more questions. **Kenigsberg DN**, Ellenbogen KA. J Cardiovasc Electrophysiol. 2007 Sep;18(10):1037-8.

Cryoablation inside the pulmonary vein after failure of radiofrequency antral isolation. **Kenigsberg DN**, Wood MA, Alaeddini J, Ellenbogen KA. Heart Rhythm. 2007 Aug;4(8):992-6. Epub 2007 May 4.

Images in cardiovascular medicine. Intracardiac correlate of the epsilon wave in a patient with arrhythmogenic right ventricular dysplasia. **Kenigsberg DN**, Kalahasty G, Grizzard JD, Wood MA, Ellenbogen KA. Circulation. 2007 May 29;115(21):e538-9.

Prolongation of the QTc interval is seen uniformly during early transmural ischemia. **Kenigsberg DN**, Khanal S, Kowalski M, Krishnan SC. J Am Coll Cardiol. 2007 Mar 27;49(12):1299-305. Epub 2007 Mar 9.

Looking to the Future in Managing Atrial fibrillation. **David N. Kenigsberg**, M.D. and Kenneth A. Ellenbogen, M.D. Department of Medicine, VCU School of Medicine, Richmond, Virginia, USA. US Cardiovascular Disease 2006 - Issue II, Touch Briefings, Page 100-102, 2006.

Accuracy of intracardiac echocardiography for assessing the esophageal course along the posterior left atrium: a comparison to magnetic resonance imaging. **Kenigsberg DN**, Lee BP, Grizzard JD, Ellenbogen KA, Wood MA. J Cardiovasc Electrophysiol. 2007 Feb;18(2):169-73. Epub 2006 Dec 1.

ICD arrhythmia detection and discrimination: are we there yet? **Kenigsberg DN**, Ellenbogen KA. J Cardiovasc Electrophysiol. 2006 Dec;17(12):1320-2. Epub 2006 Nov 1. No abstract available.

Temporal Relationship between QTc Prolongation and ST-segment Elevation in Early Transmural Myocardial Ischemia Measured by a Continuous 12-lead ECG Monitor. Marcin Kowalski, James Dobbs, Mohamad Sinno, **David N. Kenigsberg**, Joel Xue, Subramaniam C. Krishnan, and Sanjaya Khanal. Henry Ford Hospital, Detroit, MI, Virginia Commonwealth University Medical Center, Richmond, VA, General Electric Medical Systems, Menomonee Falls, WI, and University of California at Irvine, CA. Circulation. 114 (18): II-169, October 31, 2006.

Do N-3 Polyunsaturated Fatty Acids Reduce Risk of Sudden Cardiac Death and Ventricular Arrhythmias? A Meta-analysis of Randomized Trials. Marcin Kowalski, Ernesto Eusebio, **David N. Kenigsberg**, and



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Sanjaya Khanal, Henry Ford Hospital, Detroit, MI and Virginia Commonwealth University Medical Center, Richmond, VA. *Circulation*. 114 (18): II-169, October 31, 2006.

Atrial Fibrillation Ablation: State of the Art. Kenneth A. Ellenbogen, MD and **David N. Kenigsberg**, MD. Virginia Commonwealth University Medical Center. Richmond, VA. www.InCirculation.net: Cardiovascular Medicine from A to Z. Published online September 1, 2006.

Paradoxical undersensing during atrial flutter: what is the mechanism? Kalahasty G, **Kenigsberg DN**, Wood MA, Ellenbogen KA. *J Cardiovasc Electrophysiol*. 2006 Nov;17(11):1252-4. Epub 2006 Jul 27.

Anti-Arrhythmic Medications Increase Non-Cardiac Mortality. Marcin Kowalski, MD, **David N. Kenigsberg**, MD, Mohamad Sinno, MD, Subramaniam C. Krishnan, MD and Sanjaya Khanal, MD. Henry Ford Hospital, Detroit, MI, Virginia Commonwealth University Medical Center. Richmond, VA, University of California at Irvine School of Medicine, Irvine, CA. *Circulation*. 2006; 113; e817.

Decrement in QTc Prolongation During Brief Episodes of Coronary Balloon Occlusion Represents Ischemic Preconditioning. Marcin Kowalski, Mohamad Sinno, Subramaniam C. Krishnan, **David N. Kenigsberg**, Sanjaya Khanal, Henry Ford Hospital, Detroit, MI. *Catheterization and Cardiovascular Interventions*. 2006; 67 (5):659-838.

QTc Prolongation Seen During Early Transmural Ischemia Predicts the Extent of Left Ventricular Myocardium at Risk. Marcin Kowalski, Mohamad Sinno, **David N. Kenigsberg**, Subramaniam C. Krishnan, Sanjaya Khanal, Henry Ford Hospital, Detroit, MI. *Catheterization and Cardiovascular Interventions*. 2006; 67 (5):659-838.

R Wave Amplitude on the Surface ECG Increases During Early Transmural Ischemia Author Block: Mohamad C. Sinno, Marcin Kowalski, **David N. Kenigsberg**, Sanjaya Khanal, Subramaniam Krishnan, Henry Ford Health System, Detroit, MI. *Catheterization and Cardiovascular Interventions*. 2006; 67 (5):659-838.

Drug-induced T wave alternans. Kaszala K, **Kenigsberg DN**, Krishnan SC. *J Cardiovasc Electrophysiol*. 2006 Mar;17(3):332.

ST Segment Vector in ST Segment Elevation Myocardial Infarction Involving the Left Circumflex Artery. **David N. Kenigsberg**, Mouaz Al-Mallah, Mark E. Josephson¹, Subramaniam C. Krishnan, Sanjaya Khanal. Henry Ford Hospital, Detroit, MI and ¹Beth Israel Deaconess Medical Center, Boston, MA. *Journal of the American College of Cardiology*. February 1, 2005: 45, Number 3, Supplement A, 119A.

QT Prolongation is the Earliest and Most Consistent Electrocardiographic Change Seen in Patients During Balloon Occlusion of the Coronary Artery. **D. Kenigsberg**, S. Khanal, S. Krishnan. Henry Ford Hospital. Detroit, MI. *Europace*. June, 2004: 6, Supplement 1, 167/4.

Ischemic Preconditioning During Percutaneous Coronary Intervention as Manifested by QTc Variation: A Thirty-Seven Patient Experience. **D. Kenigsberg**, S. Khanal, S. Krishnan. Henry Ford Hospital. Detroit, MI. *Europace*. June, 2004: 6, Supplement 1, 98P/14.



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Electroanatomical Mapping of the Right Ventricle in Patients with the Brugada Syndrome. S. Krishnan, **D. Kenigsberg**, F. Bogun, C. Schuger, ¹R. Brugada. Henry Ford Hospital. Detroit, MI and ¹Masonic Medical Research Laboratory, Utica, NY. Europace. June, 2004: 6, Supplement 1, 58P/27.

QT Prolongation is the Most Consistent Electrocardiographic Change Seen in Patients During Balloon Occlusion of the Coronary Artery With Percutaneous Coronary Intervention. **David N. Kenigsberg**, Sanjaya Khanal, Subramaniam Krishnan. Henry Ford Hospital. Detroit, MI. Journal of the American College of Cardiology. March, 2004: 43, Number 5, Supplement A, 130A.

Calpain II Digests Troponin I and Troponin T But Not Troponin C in Rabbit Ventricle Myofibrils. **D. Kenigsberg**, B.S. Pan, N.R. Brandt and J.D. Potter. University of Miami Department of Molecular and Cellular Pharmacology. Biophysical Journal. February, 1993:64, A139.

Patents

National Phase U.S. Patent, filed August 4, 2006. Detecting prolonged myocardial repolarization indicative of cardiac condition. **Kenigsberg, DN**, Khanal S, Kowalski M, Krishnan SC.

PCT International Application No. WO 2005/077267 A1, filed February 11, 2005. Methods and apparatus for detecting prolonged myocardial repolarization as an indicator of cardiac condition. **Kenigsberg, DN**, Khanal S, Kowalski M, Krishnan SC.

U.S. Provisional Patent Application No. 60/544,171, filed February 11, 2004. Method and device for detecting prolonged myocardial repolarization to diagnose transmural ischemia. Krishnan SC, Khanal S, **Kenigsberg DN**.

Grand Rounds, Invited Lectures and Presentations

Ablation Unleaded: Single Operator Experience with fluorosless ablation

Abbott Invited Lecture, Second Annual Electro-Cardiovascular Conference, San Juan, Puerto Rico, 11/6/2021

A Prospective, Multicenter Comparison of Radiofrequency, Cryoballoon, and Laser Balloon Ablation for Pulmonary Vein Isolation in Patients with Atrial Fibrillation: Acute Procedural Findings.

Oral Presentation, Heart Rhythm Society Meeting 2021, Boston, Massachusetts, 07/30/2021

Prospective Randomized Multicenter Comparison of Third Generation Cryoballoon and Laser Balloon Catheters for Pulmonary Vein Isolation Ablation in patients with Paroxysmal Atrial Fibrillation.

Oral Presentation, Heart Rhythm Society Meeting 2021, Boston, Massachusetts, 07/29/2021

Single Operator Acute Experience in a Community Setting Using the X3 Endoscopic Ablation System – 75 Consecutive Patients with Post-Market Registry Data

Oral Presentation, 26th Annual AFib Symposium 2021
Virtual Presentation, 1/29/2021 to 1/31/2021.

The Key New ACC/AHA/HRS AF Guidelines Recommendation: What's wrong or missing?

Invited Lecture, ACC/HRS Joint Session: Updates on Clinical Guidelines, San Francisco, California, 5/9/2019.



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Rhythm Management in Heart Failure

Invited Lecture, Cardia Arrhythmia and Heart Failure Abbott CALA HRS Satellite Symposium, San Francisco, California, 5/9/2019.

Implant Strategy to Maximize CRT Response

Invited Lecture, First Symposium on Advanced Heart Failure Management, Sao Paulo, Brazil 10/31/2018.

Managing CRT Non-Responders

Invited Lecture, First Symposium on Advanced Heart Failure Management, Sao Paulo, Brazil 10/31/2018.

Castle AF: Catheter Ablation for AF in patients with Heart Failure

Invited Lecture, First Symposium on Advanced Heart Failure Management, Sao Paulo, Brazil 10/31/2018.

Managing PVC and VT in Heart Failure

Invited Lecture, First Symposium on Advanced Heart Failure Management, Sao Paulo, Brazil 10/31/2018.

VT Ablation: Working Together to Optimize Patient Outcomes

Invited Lecture, AATS Surgical Treatment of Arrhythmias and Rhythm Disorder Meeting, Miami Beach, 11/18/2017.

Management of the Left Atrial Appendage: Rationale, Anatomy and Clinical Results

Invited Lecture, AATS Surgical Treatment of Arrhythmias and Rhythm Disorder Meeting, Miami Beach, 11/17/2017.

"What now Doc?" What do to with Ablation Failures

Invited Lecture. Napa Valley Atrial Fibrillation Symposium. 8/26/2017. Napa Valley, California.

Should all Patients Undergoing AF Ablation Undergo LAA exclusion?

Invited Lecture. UNC/ISMICS Heart Team Summit: A Symposium on Arrhythmia, Appendage and Lead Management Alliances. 10/25/2016. Chapel Hill, North Carolina.

Strategies for Effective State and Federal Advocacy

Invited Lecture. American College of Cardiology Legislative Conference. 10/12/2016, Washington D.C.

Left Atrial Appendage Management

Cardiology Grand Rounds, Broward Health/Nova Southeastern University, 10/26/2015, Ft. Lauderdale, Florida.

Linq: Diagnostic Highlights from 2015 National Meetings

Invited Lecture, Medtronic Connecting to the Future Summit, 10/24/2015, San Francisco, California.



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The Novel Anticoagulants: A Discussion Surrounding Data, Differences and Reversal Invited
Lecture, Westside Regional Medical Center, 8/21/2015, Plantation, Florida.

Reveal LINQ Implantation/Atrial Fibrillation Cryoballoon Ablation/Supraventricular Tachycardia
Ablation

Invited Lecture, Westside Regional Medical Center Cardiovascular Symposium, 2/13/2015.

Cryoballoon Lesion Characteristics: Review of Acute and Chronic Outcomes

Invited Lecture, Medtronic Current Practice of Cryoballoon Ablation Program: Pan American
User's Meeting, 2/7/2014, Four Seasons, Las Vegas, NV.

Use of Reveal LINQ in Cryptogenic Stroke Patients to Diagnose Atrial Fibrillation

Invited Lecture, Westside Regional Medical Center Stroke Symposium 1/16/2015.

Subcutaneous ICD Implantation

Multidisciplinary Grand Rounds, Florida Medical Center, 12/11/2014.

Sick Sinus Syndrome

Invited Lecture to the Broward Health Cardiovascular Fellows, 12/1/2014.

Florida Chapter of the American College of Cardiology CV Practice in Florida: Survive or Thrive

Program Director, Ritz Carlton, Ft. Lauderdale, 11/13/2014.

Tri-County Electrophysiology Forum

Program Chair, Ft. Lauderdale, 11/6/2014.

Introduction to Electrophysiology

Invited Lecture to the Nova Southeastern University Medical Students, 9/9/2014.

Estado del arte en la estimulación ventricular.

Invited Lecture, XVIII CONGRESO NACIONAL DE LA SOCIEDAD PANAMEÑA DE
CARDIOLOGÍA, Panama, 7/31/2014.

Terapia de ablación en fibrilación auricular.

Invited Lecture, XVIII CONGRESO NACIONAL DE LA SOCIEDAD PANAMEÑA DE
CARDIOLOGÍA, Panama, 7/31/2014.

Management of Cardiovascular Implantable Electronic Device (CIED) Associated Infections

Multidisciplinary Grand Rounds, Florida Medical Center, 7/29/2014.

Performance and Safety of a New Automatic Antitachycardia Pacing Algorithm Based Upon
Electrophysiologic First Principles. Raymond Yee, MD, FHRS¹, John Fisher, MD, FHRS², Ulrika
Birgersdotter-Green, MD³, Timothy Smith, MD, DPHIL, FHRS⁴, **David Kenigsberg, MD, FHRS⁵**, Troy
Jackson, CCDS⁶ and Robert Taepke, PhD⁶. London Health Sciences Center, London, ON, Canada¹,
Montefiore Medical Center, Bronx, NY², University of California San Diego, La Jolla, CA³, Washington
Univ School of Medicine, Cardiovascular Division, St. Louis, MO⁴, Florida Heart Rhythm Specialists, Ft.
Lauderdale, FL⁵, Medtronic, Inc., Minneapolis, MN⁶

Oral Presentation, 2014 HRS Annual Scientific Sessions, San Francisco, CA, 5/9/2014.



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Nevis estrategias para la ablación de fibrilación auricular.

Invited Lecture: XXVIII Congreso Mexicano de Cardiología, Leon, Mexico, 11/25/2013.

Management of Atrial Fibrillation and the Left Atrial Appendage: An EP Perspective

Cardiology Grand Rounds, NCH Downtown Naples Hospital, Naples, Florida, 10/16/2013.

Introduction to Electrophysiology

Invited Lecture to the Nova Southeastern University Medical Students, 9/17/2013.

Sudden Cardiac Arrest: Dispelling Myths and Misconceptions

Invited Lecture, Heart Center of Excellence at Broward General Medical Center, Ft. Lauderdale, Florida, 12/12/2011.

Update in Ablation Therapy 2011

Invited Lecture, Westside Regional Medical Center Medical Staff June CME Symposium, West Palm Beach, Florida, 6/5/2011.

Pot Pourri Electrophysiology Update 2010

Invited Lecture, Westside Regional Medical Center Medical Staff CME Conference: "POTPOURRI", Naples, Florida, 6/25/2010-6/27/2010.

Atrial Fibrillation: Everything You Wanted to Know.

Invited Lecture, Broward General Nursing Grand Rounds, Ft. Lauderdale, FL, 5/10/2010.

Managing Risk in Patients with Syncope and Atrial Fibrillation: the Value of Implantable Monitoring.

Invited Lecture, Cardiothoracic Surgery Grand Rounds, Martin Memorial Hospital, Stuart, FL, 3/9/2010.

New Insights into the Evaluation and Treatment of Sudden Cardiac Death.

Invited Lecture, 20th Annual Cuban Medical Association Congress, Miami Beach, FL, 7/4/2009.

What decreases transthoracic impedance? Lessons Learned from Optivol.

Invited Lecture, Medtronic Field Clinical Engineers Meeting, Orlando, FL, 6/30/2009.

Electrophysiology Update 2009.

Invited Lecture, Healthcare Advances: Prescription for Excellence. Westside Regional Medical Center Annual CME Meeting. West Palm Beach, FL, 6/28/2009.

Evaluation and Treatment of Sudden Cardiac Death.

Grand Rounds, Broward General Medical Center, Ft. Lauderdale, FL, 6/15/2009.

Implantable AF Monitoring.

Invited Lecture, Medtronic Subcutaneous Diagnostics and Monitoring. Nashville, TN, 6/9/2009.

What decreases transthoracic impedance? Lessons Learned from Optivol.

Invited Case Presentation, Florida Electrophysiology Summit, Orlando Florida 3/28/2009.



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Atrial Fibrillation Update 2008.

Invited Lecture, Westside Regional Medical Center New Updates in Health Care, Ft. Lauderdale, FL, 6/29/2008.

Los Nuevos Tratamientos de la Fibrilación Auricular.

Invited Lecture, LXIX Congreso Médico Nacional, San Jose, Costa Rica, 11/26/2007.

Atrial Fibrillation: State of the Art.

Grand Rounds, Westside Regional Medical Center Division of Cardiology, Plantation, FL, 10/10/2007.

Temporal Relationship between QTc Prolongation and ST-segment Elevation in Early Transmural Myocardial Ischemia Measured by a Continuous 12-lead ECG Monitor. Marcin Kowalski, James Dobbs, Mohamad Sinno, ¹**David N. Kenigsberg**, ²Joel Xue, ³Subramaniam C. Krishnan, and Sanjaya Khanal. Henry Ford Hospital, Detroit, MI, ¹Virginia Commonwealth University Medical Center, Richmond, VA, ²General Electric Medical Systems, Menomonee Falls, WI, and ³University of California at Irvine, CA.

Oral Presentation, 2006 AHA Annual Scientific Sessions, Chicago, IL, 11/14/2006.

Do N-3 Polyunsaturated Fatty Acids Reduce Risk of Sudden Cardiac Death and Ventricular Arrhythmias? A Meta-analysis of Randomized Trials. Marcin Kowalski, Ernesto Eusebio, ¹**David N. Kenigsberg**, and Sanjaya Khanal, Henry Ford Hospital, Detroit, MI and ¹Virginia Commonwealth University Medical Center, Richmond, VA.

Oral Presentation, 2006 AHA Annual Scientific Sessions, Chicago, IL, 11/14/2006.

The Diagnostic Accuracy of Phased Array ICE for Assessing the Esophageal Course Along the Posterior Left Atrium. **David N. Kenigsberg**, MD, Ben Lee, MD, John D. Grizzard, MD, Mark A. Wood, MD and Kenneth A. Ellenbogen, MD, Virginia Commonwealth University Medical Center, Richmond, VA.

Poster, Heart Rhythm Society 2006 Scientific Sessions, Boston, MA, 5/20/2006.

Decrement in QTc Prolongation During Brief Episodes of Coronary Balloon Occlusion Represents Ischemic Preconditioning. Marcin Kowalski, Mohamad Sinno, Subramaniam C. Krishnan, **David N. Kenigsberg**, Sanjaya Khanal, Henry Ford Hospital, Detroit, MI.

Poster, The Society for Angiography and Interventions 29th Annual Scientific Sessions, Chicago, IL, 5/10-13/2006.

QTc Prolongation Seen During Early Transmural Ischemia Predicts the Extent of Left Ventricular Myocardium at Risk. Marcin Kowalski, Mohamad Sinno, **David N. Kenigsberg**, Subramaniam C. Krishnan, Sanjaya Khanal, Henry Ford Hospital, Detroit, MI.

Poster, The Society for Angiography and Interventions 29th Annual Scientific Sessions, Chicago, IL, 5/10-13/2006.

R Wave Amplitude on the Surface ECG Increases During Early Transmural Ischemia Author Block: Mohamad C. Sinno, Marcin Kowalski, **David N. Kenigsberg**, Sanjaya Khanal, Subramaniam Krishnan, Henry Ford Health System, Detroit, MI.

Poster, The Society for Angiography and Interventions 29th Annual Scientific Sessions, Chicago, IL, 5/10-13/2006.



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Anti-Arrhythmic Medications Increase Non-Cardiac Mortality. Marcin Kowalski, MD, ¹**David N. Kenigsberg, MD**, Mohamad Sinno, MD, ²Subramaniam C. Krishnan, MD and Sanjaya Khanal, MD. Henry Ford Hospital, Detroit, MI, ¹VCU/MCV Cardiac Electrophysiology, Richmond, VA, ²University of California at Irvine School of Medicine, Irvine, CA.

Poster, 7th Scientific Forum on Quality of Care & Outcomes Research in Cardiovascular Disease & Stroke, Washington, DC, 5/7-9/2006.

QT Trending Analysis of Transmural Ischemia in Cardiac Catheterization Laboratory Setting. Xue J, ¹Kowalski M, ²**Kenigsberg D**, Rowlandson I. GE Healthcare, Milwaukee, WI, ¹Henry Ford Hospital, Detroit, MI, and ²Virginia Commonwealth University Medical Center.

Poster, International Society for Computerized Electrocardiology, Niagra, Ontario, 4/22-27/2006.

Electrocardiographic Changes in Inferior ST-elevation Myocardial Infarction: Is There a Difference between Right Coronary Artery or Circumflex Artery Occlusion? Mohamad Sinno, Mouaz Al-Mallah, **David Kenigsberg**, Subramaniam Krishnan, Sanjaya Khanal. Henry Ford Hospital, Detroit, MI.

Poster, Annual meeting of the American College of Physicians, Philadelphia, PA, 4/2006.

QTc Interval is the Earliest and Most Consistent Electrocardiographic Abnormality During the Initial Phase of Transmural Ischemia. Marcin Kowalski, **David N. Kenigsberg**, Subramaniam Krishnan and Sanjaya Khanal. Henry Ford Hospital. Detroit, MI.

Poster, Second Annual Cardiology Fellowship Conference, Atlanta, GA, 3/11/2006.

Morbidity and Mortality of Patients with Normal Electrocardiograms and Acute Myocardial Infarctions Undergoing Direct Percutaneous Coronary Intervention of the Left Circumflex Artery. Cavalcante JL, **Kenigsberg D**, Al-Mallah M, Khanal S. Henry Ford Hospital, Detroit, MI.

Poster, Michigan Chapter ACP Meeting, Traverse City, Michigan, 9/22-25/2005.

ST Segment Vector in ST Segment Elevation Myocardial Infarction Involving the Left Circumflex Artery. **David N. Kenigsberg**, Mouaz Al-Mallah, Mark E. Josephson¹, Subramaniam C. Krishnan, Sanjaya Khanal. Henry Ford Hospital, Detroit, MI. ¹Beth Israel Deaconess Medical Center, Boston, MA.

Poster, ACC Annual Scientific Sessions, Orlando, Florida, 3/8/2005.

Cardiac Anatomy for the Implanting Electrophysiologist. **David N. Kenigsberg**, MD and Subramaniam C. Krishnan, MD.

Grand Rounds, Henry Ford Hospital Division of Cardiology, Detroit, Michigan, 10/19/2004.

QT Prolongation is the Earliest and Most Consistent Electrocardiographic Change Seen in Patients During Balloon Occlusion of the Coronary Artery. **D. Kenigsberg, MD**, S. Khanal, MD and S. Krishnan, MD. Henry Ford Hospital, Detroit, MI, USA.

Poster, Michigan Chapter of the American College of Cardiology Annual Meeting, Traverse City, Michigan, 10/15-16/2004.

QT Prolongation is the Earliest and Most Consistent Electrocardiographic Change Seen in Patients During Balloon Occlusion of the Coronary Artery. **D. Kenigsberg, MD**, S. Khanal, MD and S. Krishnan, MD. Henry Ford Hospital, Detroit, MI, USA.

Oral Presentation, Cardiostim, Nice, France, 6/18/2004.



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Ischemic Preconditioning During Percutaneous Coronary Intervention as Manifested by QTc Variation: A Thirty-Seven Patient Experience. **D. Kenigsberg, MD**, S. Khanal, MD and S. Krishnan, MD. Henry Ford Hospital, Detroit, MI, USA.

Poster, Cardiostim, Nice, France, 6/17/2004.

Electroanatomical Mapping of the Right Ventricle in Patients with the Brugada Syndrome. S. Krishnan, MD, **D. Kenigsberg, MD**, F. Bogun, MD, C. Schuger, MD and ¹R. Brugada, MD. Henry Ford Hospital, Detroit, MI, and ¹Masonic Medical Research Laboratory, Utica, NY.

Poster, Cardiostim, Nice, France, 6/16/2004.

QT Prolongation is the Most Consistent Electrocardiographic Change Seen in Patients During Balloon Occlusion of the Coronary Artery With Percutaneous Coronary Intervention. **David N. Kenigsberg**, Sanjaya Khanal, Subramaniam Krishnan. Henry Ford Hospital, Detroit, MI.

Poster, ACC Annual Scientific Sessions, New Orleans, Louisiana, 3/8/2004.

QT Prolongation is the Most Consistent Electrocardiographic Change Seen in Patients During Balloon Occlusion of the Coronary Artery With Percutaneous Coronary Intervention. **David N. Kenigsberg**, Sanjaya Khanal, Subramaniam Krishnan. Henry Ford Hospital, Detroit, MI.

Poster, First Annual Cardiology Fellowship Conference, New Orleans, Louisiana, 3/5/2004.

Morbidity and Mortality of Patients With Normal Electrocardiograms and Acute Myocardial Infarctions Undergoing Direct Percutaneous Coronary Intervention of the Left Circumflex Artery. **David N. Kenigsberg**, Subramaniam Krishnan, Aaron Kugelmass, Kiran Kurichety, Sanjaya Khanal. Henry Ford Hospital, Detroit, MI

Poster, Michigan Chapter of the American College of Cardiology Annual Meeting, Traverse City, Michigan, 10/11-12/2003.

Peer-Reviewed Journal Editorial Board

- Journal of Interventional Cardiac Electrophysiology (JICE)
November 2021 to Present

Peer-Reviewed Journal Guest Reviewer

- Pacing and Clinical Electrophysiology (PACE)
- Journal of the American College of Cardiology (JACC)
- Journal of Visualized Experiments (JoVE)

Clinical Trial Primary Investigator/Co-Investigator Involvement

- Aziyo Biologics: CanGaroo® Registry Study: A Multi-Center Registry Evaluating Participants who Receive CanGaroo® Envelope or No Envelope During CIED Implantation
- CardioFocus: Post Approval Study of the CardioFocus Endoscopic Ablation System for the Treatment of Atrial Fibrillation
- Boston Scientific: CHAMPION-AF Clinical Trial
- Sorin: Continued Access Clinical Trial of the SonRtip Lead and Automatic AV-VV Optimization Algorithm in the PARADYM RF SonR CRT-D (RESPOND-CAS)
- EBR: Stimulation Of the Left Ventricular Endocardium for Cardiac Resynchronization Therapy in Non-Responders and Previously Untreatable Patients (SOLVE CRT)
- Boston Scientific: Comparison of Anticoagulation With Left Atrial Appendage Closure After AF Ablation (OPTION)



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- Boston Scientific: Longitudinal Surveillance Study of the 4-SITE Lead/Header System (LSS of 4-SITE)
- Abbott: AMPLATZERTM Amulet™ Left Atrial Appendage Occluder Randomized Trial (Amulet IDE)
- Abbott: Randomized Evaluation of Redo Ablation Procedures of Atrial Fibrillation with Focal Impulse and Rotor Modulation Guided Procedures (Redo-FIRM)
- Medtronic: ADAPT RESPONSE: A Prospective, Randomized, Controlled, Interventional, Single-Blinded, Multi-Center, Post-Market, Global Cardiac Resynchronization Therapy In Heart Failure Clinical Study.
- Sanofi-Aventis: EFFECT-AF: Relative Effectiveness of Dronedaron versus other treatments of Atrial Fibrillation
- Aziyo Biologics: SECURE Post Market Study for CanGaroo
- Biotronik: SIELLO Clinical Study (This is a Pre-Market Study (IDE) phase and an FDA required Post-Market Study
- Approval Registry phase for BIOTRONIK's Siello S lead. IDE # G110221)
- St. Jude: Qaudripolar Post Pacing Approval Study
- Medtronic: Sustained Treatment of Paroxysmal Atrial Fibrillation Post-Approved Study (STOP AF PAS)
- Medtronic: Evaluation of Rate Adaptive Pacing on Chronotropic Response in Preserved Ejection Fraction HF (RESPOND-HF)
- Sorin: Inappropriate Shocks Reduction with PARAD+ Rhythm Discrimination (ISIS-ICD)
- Medtronic: Universal Antitachycardia Pacing 2.0
- Boston Scientific: Are all Left Ventricular Pacing Vectors Created Equal?
- Medtronic: Sevento Lead Study
- Medtronic: Shock-Less Study
- Medtronic: Block HF: Biventricular versus Right Ventricular Pacing in Heart Failure Patients with Atrioventricular Block
- Medtronic: MVP versus VVI 30 Pacing Study
- Guidant: REFLEX Study: ENDOTAK RELIANCE G Evaluation of Handling and Electrical Performance
- Medtronic: MAVRIC: Marquis VR/Maximo VR ICD Programming Practices Registry
- Medtronic: RESPECT: Reducing Episodes by Septal Pacing Efficacy Confirmation Trial
- Impulse Dynamics: FIX-HF-5 Study
- St. Jude Medical: Optimal SVC coil Usage in ICD Patients
- St. Jude Medical: ACT Registry (Advancements in ICD Therapy)
- Sanofi Aventis: ICARIOS: Double-blind, Placebo- Controlled, Dose Ranging Study of the Efficacy and Safety of SSR149744C 100 mg or 300 mg for the Prevention of Ventricular Arrhythmia-Triggered ICD Interventions
- Medtronic: Partners HF- Multi-site program to Access and Review Trending Information and Evaluate Correlation To Symptoms in Patients With Heart Failure
- Medtronic: RESTORE: Registry of Cardiac Resynchronization Therapy-US
- Sanofi Aventis: ATHENA: A Placebo-controlled, Double-blind, Parallel Arm Trial to Assess the Efficacy of Dronedaron 400 mg BID for the Prevention of Cardiovascular Hospitalization or Death From Any Cause in Patients with Atrial Fibrillation/Atrial Flutter (AF/AFL)
- Medtronic: REVERSE Resynchronization reverses Remodeling in Systolic left Ventricular Dysfunction
- Stereotaxis: Helios Electrophysiology Ablation Remote Treatment Study



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- Guidant: RIGHT: Rhythm ID Going Head to head Trial
- Guidant: GDT2000 Acute RV Threshold Study
- Guidant: PEGASUS Study: Pacing Evaluation-Atrial Support Study in Cardiac Resynchronization Therapy
- Cameron Health: FACTS ICD Study
- Stereotaxis: Mutli-Center Assessment of Gain in Navigation Efficiency Resynchronization Therapy MAGNET CRT Feasibility
- Medtronic: Acute Electrocardiographic and Hemodynamic Measures for Optimization of Cardiac Resynchronization Therapy
- Biosense Webster: Navistar Thermocool Evaluation with the Stockert 70 Radiofrequency Generator for Endocardial Ablation in Typical Atrial Flutter
- Atritech: Protect AF Study: WATCHMAN Left Atrial Appendage System for Embolic Protection in Patients with Atrial Fibrillation
- CryoCath Technologies, Inc.: STOP AF: A Randomized, Controlled Clinical Trial of Catheter Cryoablation in the Treatment of Paroxysmal Atrial Fibrillation

Consulting/Speaking

- Zoll, Inc
Speaker
1/2019 to Present
- CardioFocus, Inc.
Speaker
1/2020 to Present
- Atricure, Inc.
Consultant, Speaker
11/2007-Present
- St. Jude Medical/Abbott
Speaker, Consultant, Product and Procedure Training (National/International)
8/24/2009-Present
- Boehringer Ingelheim
Speaker
12/16/2011-Present
- Medtronic, AF Solutions
Product and Procedure Proctoring, Training and Education (National/International)
12/5/2012-5/11/2017
- Biosense Webster
Consultant (National/International)
10/28/2012-4/20/2017
- Sanofi-Aventis
Speaker
4/28/2011-12/31/2012
- Medtronic, Subcutaneous Diagnostics and Monitoring
Consultant
5/1/2009-6/2012; 6/12/2014-2/10/2017
- St. Jude Medical
Marketing Strategy Advisory Council
5/14/2008-12/2010
- Medtronic



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Advancing Leaders Advisory Panel
3/15/2009-12/2010

- Reliant Pharmaceuticals
Consultant
4/2005-6/2005, 11/2007-12/2007
- Pfizer Pharmaceuticals
Speakers Bureau
3/2004-6/2005

Additional Work Experience

- Henrico Doctors' Hospital
Fee Based House Physician
12/2005-6/2007
- Bon Secours Grosse Pointe House Physicians
Fee Based House Physician
12/2003-6/2005
- Detroit Veterans Administration Medical Center, Urgent Care Center
Fee Based Physician
10/2002-6/2005
- Miami Veterans Administration Medical Center, Emergency Department
Fee Based Physician
9/2001-6/2002
- Jackson Memorial Hospital, Urgent Care Center
Fee Based Physician
9/2001-6/2002

Honors/Awards

- Florida Chapter of the American College of Cardiology Special Achievement Award
8/17/2013
- Westside Regional Medical Center Leadership Award 12/6/2011
- Fellow of the Heart Rhythm Society, 3/6/2011
- Westside Regional Medical Center Leadership Award 12/9/2010
- Fellow of the American College of Cardiology, 2/1/2008
- Henry Ford Hospital Division of Cardiology Frances Fernandez Fellowship Award
- American College of Cardiology 2004 Russek Travel Award
- First Prize: 16th Annual Michigan Chapter of the American College of Cardiology Fellows
Poster Competition
- Aventis Cardiology Research Fellowship Scholarship
- Henry Ford Young Investigator Scholarship Grant
- Honors Program in Medical Education: Combined B.S./M.D. Program
- Vivienne and Bernard Katz Medical School Academic Achievement Scholarship
- University of Miami Basic Science Summer Research Fellow
- Department of Cellular and Molecular Pharmacology Investigator Scholarship
- University of Miami Alumni Association and Citizen's Board Certificate of Merit
- American Society for Microbiology Certificate of Merit
- American Heart Association Research Investigator Fellowship
- Henry King Stanford Scholarship for Academic Excellence



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- 51st Annual Westinghouse Science Talent Search Semi-Finalist

Language Fluency

- English
- Spanish
- Hebrew

References

Kenneth A. Ellenbogen, MD

Pauley Heart Center's Chairman of the Division of Cardiology

Director of Clinical Cardiac Electrophysiology and Pacing on MCV Campus and at McGuire Veterans Administration Medical Center

Kontos Professor of Medicine

Virginia Commonwealth University Medical Center

Fax: 804.828.6082

Karoly Kaszala, MD, PhD

Associate Program Director

Director of Electrophysiology Lab

Co-Director of Electrophysiology Clinic

Hunter Holmes McGuire Veterans Administration Medical Center, Richmond, VA

Fax: 804.675.5467

Gautham Kalahasty, MD

Associate Professor of Medicine

Electrophysiology Laboratory

Virginia Commonwealth University Medical Center

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Detroit, Michigan

Fax: 313-916-4401