

# **AIDEN ABIDOV, MD, PhD, FACC, FAHA, FASE**

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## **Current Appointment (05/16/2016 – Present)**

**Professor of Medicine,  
Wayne State University,  
Section Chief, Cardiology  
John D. Dingell VA Medical Center, Detroit, MI**

## **Education**

Azerbaijan State Medical Institute, Baku, Azerbaijan, Residency,  
Internal Medicine Sept. 1985 - Sept. 1987  
Azerbaijan State Medical Institute, Baku, Azerbaijan, M.D., Magna  
Cum Laude Sept. 1979 - June 1985

## **Postgraduate Training**

Fellowship, William Beaumont Hospital, Division of Cardiology,  
Royal Oak, Michigan (Cardiovascular Diseases) July 2006 - June 2009  
Residency, St. Joseph Mercy Oakland Medical Center, Pontiac,  
Michigan (Internal Medicine) July 2004 - June 2006  
Fellowship, Cedars-Sinai Medical Center, Los Angeles, California  
(Cardiac MRI) June 2003 - June 2004  
Fellowship, Cedars-Sinai Medical Center, Log Angeles, California  
(Nuclear Cardiology) July 2001 - June 2003  
Residency, Assaf HaRofeh Medical Center, Zerifin (Tzrifin), Israel  
(Cardiology) Jan. 1998 - April 2000  
Postgraduate Courses in Cardiology, School of Continuing Medical  
Education, Sackler Faculty of Medicine, Tel-Aviv University, Israel 1998-1999  
Residency, Assaf HaRofeh Medical Center, Zerifin (Tzrifin), Israel  
(Internal Medicine) Jan. 1997 - Dec. 1997  
Residency, Assaf HaRofeh Medical Center, Zerifin (Tzrifin), Israel  
(Cardiology) Feb. 1995 - Dec 1996  
Kharkov State Medical Institute, Kharkov, Ukraine, Post-graduate  
Training, Internal Medicine/Cardiology, Ph.D. Thesis: “Influence of  
Calcium Channel Blockers on the Metabolism of Lipids,  
Apolipoproteins and Endogenous Prostanoids in Patients with  
Coronary Heart Disease,” Mentor/Advisor: Academician L.T. Malaysia Oct. 1987 - May 1990

### Additional Training

Medtronic CoreValve Training Program, Tucson, AZ	2015
Edwards Transcatheter Heart Valve Training Program, New York, NY	2012
The University of Arizona Learning to Lead Program, Tucson, AZ	2012 - 2013
The AAMC Executive Development Seminar for Interim and Aspiring Leaders, Washington, DC	2012
“Radiation Safety In-Service”, University of Arizona, Tucson, AZ	2010
“Fundamental Critical Care Support Course”, Pontiac, MI	2004
“Nuclear Medicine Basic Science Course ”Cedars-Sinai Medical Center, Los Angeles, CA	2002
“Radiation Safety in Medicine”, Israel	1999
Postgraduate courses - Cardiology School of Continuing Medical Education, Sackler Faculty of Medicine, Tel-Aviv University, Israel	1998 - 1999
“Advanced Trauma Life Support “, Israel	1997
“Advanced Cardiac Life Support”, Israel	1996 - 2014
Courses for physicians – new repatriates (Olim) - Medicine, Sackler Faculty of Medicine, Tel-Aviv University, Israel	1993 - 1994

### **Faculty Appointments**

Professor of Medicine, Wayne State University	May 2016 - Present
Tenured Associate Professor of Medicine and Medical Imaging, The University of Arizona	2009 - May 2016
Leonard C. Pfeiffer Chair of Cardiovascular Medicine, Sarver Heart Center, Tucson, AZ	2009 - May 2016

### **Hospital or Professional Appointments**

Section Chief, Cardiology, John D. Dingell VA Medical Center, Detroit, MI	May 2016 - Present
Assistant Director (Imaging), Structural/Valvular Heart Disease Program The University of Arizona, Tucson, Arizona	April 2014 - May 2016
Associate Chief, Division of Cardiology The University of Arizona, Tucson, Arizona	Nov 2012 - June 2014
Medical Director, Echocardiography Lab/Cardiovascular Imaging, Banner University Medical Center, Tucson Campus	July 2011 - May 2016
Associate Professor of Medicine (Tenure) and Radiology The University of Arizona, Tucson, Arizona	July 2009 - May 2016

EPIC EHR Implementation Project, Clinical Champion for the Division of Cardiology The UA Health Network	Jan 2012 - June 2014
Medical Director, Echocardiography Lab/Cardiovascular Imaging The University of Arizona Medical Center, Tucson, Arizona	July 2011 - May 2016
Medical Director of Cardiology University Physicians Healthcare Hospital, The University of Arizona Medical Center, South Campus, Tucson, Arizona	Nov 2009 - Nov 2012
Director of Cardiac Imaging, University Physicians Healthcare Hospital; Associate Director of Cardiac Imaging, University Medical Center, Tucson, AZ	July 2009 - June 2012
Senior Attending Cardiologist, Heart Institute and Coronary Care Unit, Assaf HaRofeh Medical Center, Zerifin (Tzrifin), Israel	April 2000 - June 2001
Consulting Cardiologist Heart Institute Maccabi Medical Services, Rishon LeZion, Israel	Dec 1995 - June 2001
Assistant Professor, Department of Internal Diseases, Azerbaijan Medical Institute, Baku, Azerbaijan	May 1990 -March 1993

### **Major Professional Societies**

Fellow of the American Heart Association	2012 - Present
Fellow of the American Society of Echocardiography	2012 - Present
American Heart Association	2009 - Present
Society for Cardiovascular Magnetic Resonance	2009 - Present
Founding Member of the American Society of Cardiovascular Computed Tomography	2005 - Present
American Medical Association Member	2004 - Present
Fellow of the American College of Cardiology	2004 - Present
American Society of Nuclear Cardiology	1999 - Present
Fellow of the Israeli Cardiology Society	1996 - Present

### **Medical Licensure**

Arizona State Medical Doctor License # 41700	expires 4/07/2017
California State Medical Doctor License # A96989	expires 12/31/2017
Michigan State Medical Doctor License # 4301083243	expires 1/31/2019

### **Board Certification**

*Echocardiography (including Structural Heart Disease, 3D and Advanced Post-processing) – NBE Board Certification	June 2009 - Present
Peripheral Vascular Imaging – ARDMS Board Certified (RPVI)	2009 - Present
Board Certified in Cardiovascular Diseases since 11/06/2009	2009 - Present
Level III Certification in Cardiovascular CTA SCCT since July 2009	2009 - Present

Level III Certification in Cardiovascular MRI (July 2009)	2009 - Present
Board certified in Adult Echocardiography, NBE Certificate # 2009-18145	2009 - Present
Board certified in Vascular Ultrasound (RPVI) since 06/09/2009, ARDMS number 136744	2009 - Present
Board certified in Cardiac CTA, CBCCT Certificate number 5, issued 09/22/2008	2008 - Present
Board Certified in Internal Medicine since 08/18/2006; ABIM certificate #277110	2006 - Present
Certified in Fundamental Critical Care Support-Certificate issued in December 2004	2004 - Present
ECFMG Certificate number 0-578-061-4 issued 04/23/2003	2003 - Present
Board certified in Nuclear Cardiology, United States CBNC Certificate # 2250 issued 10/20/2002	2002 - Present
Board Certified in Internal Medicine and Cardiology in Israel	

### **Honors / Awards**

“America’s Best Physicians” Award - National Consumer Advisory Board	2015
Vitals Top 10 Doctor recognition award, Arizona	2014
Patients’ Choice Award in Cardiovascular Disease, Arizona	2013
The University of Arizona Medical Center Excellence in Professional Services Documentation and Coding Award	2012
Fellow, American Heart Association (FAHA)	2012
The University of Arizona Learning to Lead Program Participant	2012
The Leonard C. Pfeiffer Chair of Cardiovascular Medicine The University of Arizona, Sarver Heart Center, Tucson, Arizona	2009
Patients’ Choice Award in Cardiovascular Disease, Michigan	2009
Patients’ Choice Award in Cardiovascular Disease, Michigan	2008
William Beaumont Hospital SOS (Saluting Our Stars) Reward	2007
Oakland University-Beaumont Multidisciplinary Research Award	2007
First author of the Lead Article in The New England Journal of Medicine (Abidov A, et al. N Engl J Med 2005; 353:1889-98)	2005
Author of the Featured Poster, Annual American, College of Cardiology College Scientific March 2005, Orlando, Florida	2005
Fellow, American College of Cardiology (FACC)	2004
Outstanding Employee, Assaf HaRofeh Medical Center, Israel	1998
Outstanding Medical Student, Azerbaijan State Medical University - graduated Summa Cum Laude	1979 - 1985

## **Service**

### Departmental Committees:

Member, Department of Medicine Clinical Affairs Task Force,	2015 - Present
Member, Department of Medicine Leadership Committee, The UA College of Medicine	2010 - Present
Member, Division of Cardiology Leadership Group	2009 - Present
Member, Division of Cardiology Fellowship Committee	2009 - Present

### College Committees:

Member, Endocrinology Division Chair Search Committee	2015 - Present
Chair, The University of Arizona College of Medicine Continuing Medical Education Committee (Elected position)	2014 - Present
Member, The University of Arizona College of Medicine Continuing Medical Education Committee (Elected position)	2012 - Present
Chair of the CVIS (Cardiovascular Information System) Committee, The University of Arizona Medical Center	2010 - 2012
Clinical Leader, The UAMC Echo Lab IAC/ICAEL Accreditation project	2012 - Present

### University of Arizona Committees:

Member, University of Arizona Quality Brainstorming Group for Research	2015 - Present
Member, University of Arizona Vitae Faculty Advisory Committee	2015 - Present
Strategic Planning Implementation Team, the University of Arizona Health Network	2013 - 2014
Member, Imaging Informatics Operations Committee (IIOC), the University of Arizona Medical Center	2012 - Present
Member, The University of Arizona Health Network Information Technology Steering Council (ITSC)	2012 - 2014
Medical Information Technology Committee (MITC), the UA Health Network	2011 - 2014
Member, The University of Arizona Health Network Physician Leadership Group	2011 - 2014
Member, The University of Arizona Information Security Advisory Committee (ISAC)	2011 - 2014
Member of the University of Arizona Medical Center South Campus Radiation Safety Committee	2009 - 2014
Member, University Physicians Healthcare Hospital IT Steering Committee	2009 - 2011
University Physicians Healthcare Hospital Medical Executive Committee, Member at large	2009 - 2010

## **Consulting**

External Consultant, Cardiac Imaging, Cedars-Sinai Medical Center, Los Angeles, CA; NIH funded research (R01 Grant): “High-Performance Automated System For Analysis of Cardiac SPECT” 2007 - 2013

## **Scholarly Service**

### National/International

Member, CME Committee, Society of Cardiovascular CT 2015 - Present

Member, the NIH Multicenter PVDOMICS Pulmonary Hypertension Consortium Steering Committee 2015 - Present

Lead, the NIH Multicenter PVDOMICS Pulmonary Hypertension Consortium Imaging Working Group 2014 - Present

Member of the Society of Cardiovascular Computed Tomography Practice Guidelines Committee and the Writing Committee of the CCTA Interpretation and Reporting Practice Guidelines 2008 - 2009

Member of the Institutional Review Board, William Beaumont Hospital, Royal Oak, MI 2008 - 2009

Member of the Executive Committee of The Advanced Cardiovascular Imaging Consortium (ACIC): A Collaborative Quality Improvement Project-large multicenter prospective study supported by the Blue Cross/Blue Shield of Michigan, with development of ongoing database and prospective follow up/outcome evaluation of the patients who have Coronary CTA in 26 medical centers in Michigan 2006 - Present

Leadership member in the Clinical Quality Improvement (CQI) project: “Insulin Infusion in Critically Ill Patients (ICI-1 Trial), St. Joseph Mercy Oakland Hospital, Pontiac, MI 2005 - 2006

Member of the Research Leadership Team, CQI project “Insulin treatment in critically ill (ICI-1 Trial)”, St. Joseph Mercy Oakland Medical Center 2004 - 2006

Member of the Research Leadership Team, Cardiac Imaging, Cedars-Sinai Medical Center, Los Angeles, CA 2003 - 2009

### Editorial Boards/Journal Reviewer

Member, Cardiovascular Imaging Section, Faculty of 1000 Cardiology 2012 - Present

Member of the Editorial Board, Echocardiography Journal 2012 - Present

Associate Editor, Case Reports in Cardiology 2011 - Present

Journal of American Society of Echocardiography 2011 - Present

Journal of Magnetic Resonance Imaging 2010 - Present

Journal of Nuclear Medicine 2010 - Present

Circulation Imaging 2009 - Present

Journal of Interventional Cardiology	2009 - Present
Journal of the American College of Cardiology Imaging	2009 - Present
Echocardiography	2009 - Present
Member of the Editorial Board, The Journal of Nuclear Cardiology	2009 - Present
Journal of Cardiovascular Computed Tomography	2008 - Present
American Journal of Cardiology	2008 - Present
Abstract Reviewer for the Annual ACC and AHA Scientific Sessions	2006 - Present
Circulation	2004 - Present
Journal of Nuclear Cardiology	2004 - Present
Journal of American College of Cardiology	2004 - Present

## **Teaching**

Non-invasive Imaging/Echo Teaching Conference, Director, CME Conferences every Tuesday	2011 - Present
Nuclear Cardiology Training Course Curriculum Development Update, Department of Medicine, University of Arizona	2009-2010

## **Mentorship**

### High School

Alejandro Cruz, Trevor Browne High School, NIH High School Research Program	2015
Ciara Lugo, Nogales High School, NIH High School Research Program	2014
Yulisa Gonzalez, Arizona Agribusiness & Equine Center at South Mountain, NIH High School Research Program	2014
Dan Han, Medical Student Research Program, "Comparing Speckle Tracking Echocardiography with Nuclear Myocardial Perfusion Imaging in Diagnosis of Coronary Artery Disease."	2013
Emily Ramirez, Desert Ridge High School, NIH High School Research Program	2013
Allison Begay, Navajo Pine High School, NIH High School Research Program	2013

### Undergraduate

Guliano Scaini, Undergraduate Student	2016
Petimat Dudurkaeva, Undergraduate Student	

### Fellows

Nishant Kalra, MD	2009 – 2012
Vinny K Ram, MD	2009 – 2012
Steven D Mottl, MD	2009 – 2012
Yenhui Huang, MD	2009 – 2012
Ravichandra R Boyella, MD	2009 – 2012

James Nguyen, MD	2010 – 2013
Sachin Kumar, MD	2010 – 2013
Prakash Goutham, MD	2010 – 2013
Moustafa Banna, MD	2010 – 2013
Abhjeet Dhoble, MD	2010 – 2013
Madhan M, MD	2011 – 2014
Joseph Hackler, MD	2011 – 2014
Ahmad Mizyed, MD	2011 – 2014
Asad Ghafoor, MD	2012 – 2015
Layth Saleh, MD	2012 – 2015
Tam V Nguyen, MD	2012 – 2015
Branden Snyder, MD	2012 – 2015
Kusum Lata, MD	2012 – 2015
Sohail Abdi-Moradi, MD	2013 – 2016
Evbu Enakpene, MD	2013 – 2016
Natkal Hamoud, MD	2013 – 2016
Jagdish Kandala, MD	2013 – 2016
Clint Oommen, MD	2013 – 2016
Nisreen Yaghmour, MD	2013 – 2016
Jaskanwal Bisla, MD	2014 – 2016
Kahroba Jahan, MD	2014 – 2016
Rostam Khoubyari, MD	2014 – 2016
Satinder Singh, MD	2014 – 2016
Ily Kristine T Yumul, MD	2014 – 2016
Imo Ebong, MD	2015 – 2016
Arun Kannan, MD	2015 – 2016
Candice Kim, MD	2015 – 2016
JR “Keng” Pineda, MD	2015 – 2016
Preethi William, MD	2015 – 2016
Alejandro Asencio, MD	2015 – 2016
Uday Kanakadandi, MD	2015 – 2016

### Faculty

Dr. Prakash Suryanarayana, Advanced Heart Failure, Transplant Cardiology and Non-Invasive/General Cardiology 2010 - Present

### **Essays / Theses / Dissertations Directed**

Dr. Jose Rosado-Toro, PhD Thesis: "Semi automated RV segmentation methodology on Cardiac MRI". defending 2016

Dr. Tomoe Bar, Post-Graduate Master's Thesis: “Quantitative T2 mapping in Cardiac MRI” defended 2012



## Active Grants, Contracts and other Funding

Role: Principal Investigator with F. Rischard and A. Desai (Co-PIs),  
Percent Effort: 1 %

Title/Brief: Methodology of MRI-based noninvasive assessment of the left and right ventricular function in patient with pulmonary arterial hypertension and evidence of ventricular uncoupling: development and validation using invasive hemodynamics and septal strain measurements.

Source: Sarver Heart Center grant

2015-2016

Total Direct Costs: \$ 5,000

Role: Co-Investigator, Percent Effort: 4 % U01 RFA-HL-14-027

PI: Yuan Rischard

Title/Brief: Phenomic and Genomic Study to Subphenotype Hispanics with Pulmonary Hypertension.

Source: NIH/NHLIB

2014- 2019

Total Direct Costs: \$ 199,999

Role: Principal Investigator, Percent Effort: 5 %,

ClinicalTrials.gov Identifier:NCT01697995

Title/ Brief: Stress Induced Right Ventricular Uptake on Lexiscan Stress MPI (Lexi-RV)

Source: Astellas Pharma Global Development, Inc.

Investigator Initiated Trial

2012 - 2016

Total Direct Costs: \$ 108,700

Role: Principal Investigator, Percent Effort 6 %

ClinicalTrials.gov Identifier: NCT01150578

Title/Brief: Evaluation of Myocardial Ischemia Using Standard Single Photon Emission Computed Tomography (SPECT) With Regadenoson and Simultaneous Cardiac Echocardiography (Lexi-Echo)

Source: Astellas Scientific and Medical Affairs

Investigator Initiated Trial

2011 - 2016

Total Direct Costs: \$ 73,419

Role: Principal Investigator, Site #32 Percent Effort: 0.12 calendar %, CR0001

Title/Brief: Genetic Loci and the Burden of Atherosclerotic Lesions (GLOBAL trial)

Source: Global Research

2013 - 2015

Total Direct Costs: \$1,118/patient up to 1,075 patients

Role: Executive Committee Member 2006 - 2009, Member, Advisory Board 2010, Advanced Cardiovascular Imaging Consortium (ACIC)

PI: G.L. Raff

Title:

Brief: Development of Clinical quality Improvement Initiative in Cardiac CTA and Multicenter Registry, including more than 40 Michigan Hospitals and Imaging Centers

Source: Blue Cross/Blue Shield of Michigan

2006 - Present

Role: PI      Percent Effort: 3 %,    IRB #1200000860

Title/Brief: Multi-Site Phase IV Non-Interventional Prospective Study of Patient and Clinician Satisfaction with Pharmacologic Stress Agents used in Myocardial Perfusion Imaging using Single Photon Emission Computerized Tomography (SPECT) and Stress Echocardiography

Source: Astellas Pharma Global Development, Inc.

2016

Total Direct Costs: \$ 27,462 for 50 subjects

### **Previously Funded Grants**

Role: Co-PI, Percent Effort: 1 %,    R01 HL084080 - 01A1

PI: R.S. Poston

Title/Brief: Evaluating the Role of Thrombin in Saphenous Vein Graft Failure after Heart Bypass Surgery.

Source: NIH

2011 – 2012

Role: Principal Investigator, Site # 148,    Percent Effort: 4 %,    R01HL098237-01

PI: P.S. Douglas

Title: PROspective Multicenter Imaging Study for Evaluation of Chest Pain (PROMISE)

Brief:

Source: NIH/NHLBI, sub-award from Duke University

2010 - 2012

Total Direct Costs: \$ 251,250

Role: External Consultant,    R01 HL089765-03, R01 HL089765-02S1

PI: P. Slomka

Title: High-Performance Automated System For Analysis of Cardiac SPECT

Brief:

Source:

7/15/2007 – 6/30/2011

## **Completed Research**

Role: Principal Investigator

ClinicalTrials.gov Identifier: NCT01800292

Title/Brief: Characterization of Left Ventricular (LV) Strain Patterns in Mildly Elevated Pulmonary Capillary Wedge Pressure (PCWP) and Pulmonary Artery Hypertension (PAH).

Source: Sarver Heart Center

Dates:

Investigator Initiated Trial - completed

Total Direct Costs: \$ 5,000

Role: Principal Investigator

Title: Max and Pauline Zimmer Family Foundation Research Fellowship in Cardiac Imaging  
The Development of Effective Prognostic and Diagnostic Algorithms and Risk Stratification based on Advanced Cardiac Imaging Modalities (20 publications, including paper “Complaints of Dyspnea Among Patients Referred for Cardiac Stress Testing” published in the New England Journal of Medicine 2005;353:1889-98)

Source: Save A Heart Foundation

07/01/2001-06/15/2004

## **Patents**

1. Method of determination of sensibility to calcium antagonist in patients with coronary artery disease.

USSR Invention Certificate No 1696983, issued 08.08.1991

2. Method of angina pectoris differential diagnostics.

USSR Invention Certificate No 1698767, issued 08.15.1991

## Languages

English, Hebrew, Russian and Azeri

## Publications

### Peer-Reviewed Journal Articles

1. Abidov A, Rischard F. Quantitative right ventricular function in pulmonary arterial hypertension: a quest for a more reliable metric. *Echocardiography* 2016 (accepted). PMID:26710927
2. Rischard F, Abidov A, Raz Y, Dalabih M, Knoper S, Hansen L, Hobson N, Vanderpool R, Hunter K. Right ventricular stroke work predicts severe uncoupling and irreversible right ventricular failure in treatment naive patients with advanced pulmonary arterial hypertension. *J Heart Lung Transplant*, 2015 (submitted).
3. Abidov A. Left main disease diagnosis: The Achilles heel or the great strength of the modern cardiac imaging? [Published online ahead of print October 30, 2015]. *J Nucl Cardiol*, Oct 30 2015. PMID: 26518003
4. Kannan A, Poongkunran C, Shenoy S, Abidov A. Perioperative Management of Anticoagulation-Review of Latest Evidence. [Published online ahead of print July 8, 2015]. *Am J Ther*. 2015, Jul 8. PMID: 26214205
5. Thai J, Abidov A, Jie T, Krupinski E, Kuo P. Nuclear Myocardial Perfusion Imaging Versus Stress Echocardiography in the Pre-operative Evaluation of Patients for Kidney Transplantation. [Published online ahead of print, 2015]. *J Nucl Med Technol*, 2015. PMID: 26111705
6. Nakanishi R, Gransar H, Slomka P, Arsanjani R, Shalev A, Otaki Y, Friedman JD, Hayes SW, Thomson LE, Fish M, Germano G, Abidov A, Shaw L, Rozanski A, Berman DS. Predictors of high-risk coronary artery disease in subjects with normal SPECT myocardial perfusion imaging. [Published online ahead of print, May 14, 2015]. *J Nucl Cardiol*. 2015 May 14. PMID: 25971987
7. Suryanarayana P, Lee JZ, Abidov A, Lotun K. Anomalous right coronary artery: case series and review of literature. [Published online ahead of print, March 31, 2015]. *Cardiovasc Revasc Med*. 2015 Mar 31. PMID: 25953113
8. Hagio T, Huang C, **Abidov A**, Singh J, Ainapurapu B, Squire S, Bruck D, Altbach MI. T2 mapping of the heart with a double-inversion radial fast spin-echo method with indirect echo compensation. *J Cardiovasc Magn Reson*. 2015 Feb 25; 17-24. PMID: 25889928

9. Kannan A, Singh J, Sorrell V, **Abidov A**. Diagnostic Performance of Two Dimensional Speckle Tracking Echocardiography for Detection of Obstructive Coronary Artery Disease: A Meta-Analysis. *Echocardiography*, 2015 (under review).
10. Dherange P, Suryanarayana P, **Abidov A**. Blunt Cardiac Injury: A Review Of Literature and Updated Diagnostic Options In Modern Clinical Practice. *Int J of Card*, 2015 (accepted).
11. **Abidov A**, Alpert JS. Importance of Echocardiographic Findings in the Acute Presentation of Behcet's Disease – Diagnostic and Prognostic Considerations. *Echocardiography*. 2014. PMID: 25208861
12. **Abidov A**, Samson RA, Lotun K. Endovascular Stenting of Suture Line Supravalvular Pulmonic Stenosis After Orthotopic Heart Transplantation Using Rapid Pacing Stabilization. *JACC: Cardiovascular Interventions*. 2014; 7(8):e91-e93. PMID: 25147046
13. Lee JZ, Lee KS, **Abidov A**, Samson RA, Lotun K. Endovascular Stenting of Suture Line Supravalvular Pulmonic Stenosis After Orthotopic Heart Transplantation Using Rapid Pacing Stabilization. *JACC: Cardiovascular Interventions*. 2014; 7(8):e91-e93. PMID: 25147046
14. Singh J, **Abidov A**. Coronary Computed Tomography Angiography Based Tricuspid Annular Plane Systolic Excursion: Correlation with 2D Echocardiography. [Published online ahead of print January 24, 2014]. *Echocardiography*. 2014 Jan 24. PMID: 24460545
15. Nakanishi R, Rana JS, Shalev A, Gransar H, Hayes SW, Labounty TM, Dey D, Miranda-Peats R, Thomas LEJ, Friedman JD, **Abidov A**, Min JK, Berman DS. Mortality risk as a function of the ratio of pulmonary artery to ascending aorta diameter: A prospective study of 1,326 patients undergoing evaluation for suspected coronary artery disease. *Am J Cardiol*. 2013; 111(9):1259-63. PMID: 23415638
16. Stokken G, Ott P, **Abidov A**. Focal Myocarditis Mimicking Benign Premature Ventricular Complexes. Submitted to *Journal of Cardiovascular Electrophysiology* (2013).
17. Marcus FI, **Abidov A**. Arrhythmogenic right ventricular cardiomyopathy 2012: Diagnostic challenges and treatment. *J Cardiovasc Electrophysiol* 2012, 23(10):1149-1153. PMID: 22909229
18. Chinnaiyan KM, Depetris AM, Al-Mallah M, **Abidov A**, Ananthasubramaniam K, Gallagher MJ, et al. Rationale, design, and goals of the Advanced Cardiovascular Imaging Consortium (ACIC): A Blue Cross Blue Shield of Michigan collaborative quality improvement project. *Am Heart J*. 2012, 163(3):346-53. PMID: 22424004
19. Chinnaiyan KM, Raff GL, Goraya T, Ananthasubramaniam K, Gallagher MJ, **Abidov A**, et al. Coronary CT angiography after stress testing: results from a multicenter, statewide registry,

the Advanced Cardiovascular Imaging Consortium (ACIC). *J Am Coll Cardiol* 2012, 59(7):688-95. PMID: 2264828

20. Altbach M, Barr T, Singh J, Ainapurapu B, Dipak KC, Squire S, Galons J, Huang C, **Abidov A**. T2 mapping of the heart with high temporal and spatial resolution using a radial double inversion fast spin-echo pulse sequence with view sharing. *J Cardiovasc Magn Reson* 2012, 14(Suppl 1):0112.
21. Dhoble A, Dewar J, Szerlip M, **Abidov A**. Rare coronary anomaly: Common origin of major coronary arteries from the right sinus of Valsalva and a small ramus branch originating from the left sinus of Valsalva. *Int J Cardiol* 2012, 158(1): e3-4. PMID: 22104988
22. Goldstein JA, Chinnaiyan KM, **Abidov A**, et al. The CT-STAT (Coronary Computed Tomographic Angiography for Systematic Triage of Acute Chest Pain Patients to Treatment) Trial. *J Am Coll Cardiol* 2011, 58:1414-22. PMID:21939822
23. Hendrickson KD, Vanheck T, Franklin BA, Muhammad J, **Abidov A**, James J, Rosenbaum L. Predictors of computed tomographic-documented coronary artery disease during an executive health physical. *Med Sci Sports Exerc* 2010, 42(5):539.
24. Berman DS, Shaw LJ, Min JK, Hachamovitch R, **Abidov A**, et al. SPECT/PET myocardial perfusion imaging versus coronary CT angiography in patients with known or suspected CAD. *Q J Nucl Med Mol Imaging*. 2010, 54(2):177-200. PMID:20592682
25. **Abidov A**, Raff GL. Value of coronary CTA in patients with known or suspected CAD and non-diagnostic initial myocardial perfusion testing: current evidence and clinical considerations. *J Nucl Cardiol* 2010, 17(6): 1101-6. PMID: 20945167
26. **Abidov A**, Stewart JR, Cragg DR, et al. Large LV aneurysm and multiple diverticula in a patient with normal coronary arteries: another form of cardiomyopathy? *J Am Coll Cardiol Img* 2010, 3:1081-2. PMID: 20947054
27. Al-Mallah MH, **Abidov A**, Ananthasubramaniam K, et al. SPECT instrumentation and quality assurance. *American Society of Nuclear Cardiology Writing Group*, 2010.
28. Hachamovitch R, Kang X, Amanullah AM, **Abidov A**, et al. Prognostic implications of myocardial perfusion single-photon emission computed tomography in the elderly. *Circulation* 2009, 120(22):2197-206. PMID: 19917890

29. **Abidov A**. Clinical prediction of obstructive coronary disease in patients referred for coronary CTA: "low-hanging fruit" or still a "risky business"? *J Cardiovasc Comput Tomogr* 2009, 3(6):392-3. PMID: 20083059
30. Berman DS, **Abidov A**, Hachamovitch R, et al. Comparative roles of cardiac CT and nuclear cardiology in assessment of the patient with suspected coronary artery disease. *J Invasive Cardiol* 2009, 21(7):352-8. PMID: 19571348
32. Raff GL, Chinnaiyan KM, Share DA, Goraya TY, Kazerooni EA, Moscucci M, Gentry RE, **Abidov A**. Advanced cardiovascular imaging consortium co-investigators. Radiation dose from cardiac computed tomography before and after implementation of radiation dose-reduction techniques. *JAMA* 2009, 301(22):2340-8. PMID: 19509381
33. **Abidov A**, Gallagher M, Chinnaiyan K, et al. Clinical effectiveness of coronary computed tomographic angiography in the triage of patients to cardiac catheterization and revascularization after inconclusive stress testing: results of a two-year prospective trial. *J Nucl Cardiol* 2009, 16(5):701-13. PMID: 19626385
34. **Abidov A**, Hachamovitch R, Hayes S, et al. Are shades of gray prognostically useful in reporting myocardial perfusion SPECT? *Circ Cardiovasc Imaging* 2009, 2:290-8. PMID:19808609
35. Raff GL, **Abidov A**, Achenbach S, et al. Society of Cardiovascular Computed Tomography guidelines for the interpretation and reporting of coronary computed tomographic angiography. *J Cardiovasc Comput Tomogr* 2009, 3(2):122-36. PMID: 19272853
36. **Abidov A**, Stewart JR, Raff GL. Muscular ventricular septal defect visualized as nonreversible perfusion abnormality on the myocardial perfusion SPECT and confirmed on cardiac CTA images. *Clin Nucl Med*. 2009 Mar; 34(3):171-2. PMID: 19352283
37. **Abidov A**, Germano G, Berman DS. Transient ischemic dilation ratio: a universal high-risk diagnostic marker in myocardial perfusion imaging. *J Nucl Cardiol* 2007, 14(4):497-500. PMID: 17679057
38. Thomson LE, Fieno DS, **Abidov A**, et al. Added value of rest to stress study for recognition of artifacts in perfusion cardiovascular magnetic resonance. *J Cardiovasc Magn Reson* 2007, 9(5):733-40. PMID: 17891609
39. Fieno DS, Thomson LEJ, Slomka P, **Abidov A**, et al. Quantitation of infarct size in patients with chronic coronary artery disease using rest-redistribution 201Tl myocardial perfusion SPECT: correlation with contrast-enhanced cardiac magnetic resonance. *J Nucl Cardiol* 2007, 14(1):59-67. PMID: 17276307

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62. **Abidov A**, Hachamovitch R, Hayes SW, Friedman JD, Cohen I, Germano G, et al. Are Shades of Gray Prognostically Useful in Reporting Myocardial Perfusion SPECT? [abstr]. Presented at: *76th AHA Scientific Sessions*; November 9-12, 2003; Orlando, Florida. A Suppl. to *Circulation*, October 28, 2003, Vol. 108, No 17, IV-455.



63. **Abidov A**, Berman DS, Hayes SW, Friedman JD, Gerlach J, Germano G, et al. Dynamic Changes of Left Ventricular Volumes on Gated SPECT Provide Insights into the Mechanism of Transient Ischemic Dilation. Presented at: *8th Annual ASNC Symposium and Scientific Session*; September 11-14, 2002; Indianapolis, Maryland. A Suppl. to J. Nucl. Cardiology, July/August 2003, V.10, No 4: S11
64. **Abidov A**, Hayes SW, Friedman JD, Kang X, Yoda S, Nishina H, et al. Ischemic Stunning and Transient Ischemic Dilation are Important Diagnostic Markers of Significant CAD in Patients with Normal Myocardial Perfusion SPECT [abstr]. Presented at: *50th Annual Meeting of the Society of Nuclear Medicine*; June 21-25, 2003; New Orleans, Louisiana. JNM, 2003 (Suppl): 3P.
65. Berman DS, Kang X, **Abidov A**, Cohen I, Hayes SW, Friedman JD, et al. Prognostic Value of Myocardial Perfusion SPECT Comparing 17-Segment and 20-Segment Scoring Systems [abstr]. Presented at: *52nd Annual Scientific Session of American College of Cardiology*; March 17-20, 2002; Chicago, Illinois. JACC 2003; 41: 445A.
66. **Abidov A**, Berman DS, Hayes SW, Friedman JD, Germano G, Bax J. Transient Ischemic Dilation of the Left Ventricle is a Significant Predictor of Future Cardiac Events in Patients with Otherwise Normal Myocardial Perfusion SPECT (MPS) Results [abstr]. Presented at: *7th Annual ASNC Symposium and Scientific Session*; September 26-29, 2002; Baltimore, Maryland. A Suppl. to J. Nucl. Cardiology, July/August 2002, V.9, No 4, S5.
67. **Abidov A**, Berman DS, Hachamovitch R, Friedman JD, Hayes SW, Germano G. Incremental Prognostic Value of Left Ventricular Enlargement at Rest in Patients with Moderate and Severe Myocardial Perfusion SPECT Abnormalities [abstr]. Presented at: *7th Annual ASNC Symposium and Scientific Session*; September 26-29, 2002; Baltimore, Maryland. A Suppl. to J. Nucl. Cardiology, July/August 2002, V.9, No 4, S3.
68. Kang X, Berman DS, **Abidov A**, Sharir T, Cohen I, Germano G, Hachamovitch R. Predictors of Early Cardiac Events in Patients Undergoing Myocardial Perfusion SPECT. SPECT [abstr] Presented at: *75th AHA Scientific Sessions*; November 16-20, 2002; Chicago, Illinois. A Suppl. to Circulation, November 5, 2002, Vol. 106, No 19, II-627.
69. **Abidov A**, Hachamovitch R, Friedman JD, Hayes SW, Cohen I, Kang X, Germano G, Berman DS. Hemodynamic Response to Adenosine-Walk Stress is an Independent Predictor of Cardiac Outcome in Patients Undergoing Myocardial Perfusion SPECT [abstr]. Presented at: *75th AHA Scientific Sessions*; November 16-20, 2002; Chicago, Illinois. A Suppl. to Circulation, November 5, 2002, Vol. 106, No 19, II-617-II-618.
70. **Abidov A**, Berman DS, Hachamovitch R, Hayes SW, Friedman JD, Cohen I, Germano G. Prognostic Value of Myocardial Perfusion SPECT in Patients with Permanent Pacemaker [abstr]. Presented at: *49th Society of Nuclear Medicine Meeting*; June 15-19, 2002; Los Angeles, California. A Suppl. to J Nucl Med, June, 2002; 99P.
71. **Abidov A**, Berman DS, Hachamovitch R, Hayes SW, Friedman JD, Cohen I, Germano G. Left ventricular enlargement: prognostic role in patients with normal and mildly abnormal myocardial perfusion SPECT results. [abstr]. Presented at the *49th Society of Nuclear Medicine Meeting*, Los Angeles, California, June 15-19, 2002. A Suppl. to J Nucl Med, June, 2002; 99P.
72. Santos MM, **Abidov A**, Hayes SW, Sciammarella MG, Cohen I, Gerlach JR, et al. Prognostic Implications of Myocardial Perfusion SPECT in Patients with Atrial Fibrillation [abstr]. Presented at: *49th Society of Nuclear Medicine Meeting*; June 15-19, 2002; Los Angeles, California. A Suppl. to J Nucl Med, June, 2002; 98P.

73. **Abidov A**, Ng CK, Hayes SW, Schisterman EF, Cohen I, Friedman JD, et al. Prognostic Impact of Adenosine-Induced Hypotension in Patients Undergoing Vasodilator Stress Myocardial Perfusion SPECT [abstr]. Presented at: *51st Annual Scientific Session of American College of Cardiology*; March 17-20, 2002; Atlanta, Georgia. *JACC*, 2002; 39 (Suppl. A):343A.
74. **Abidov A**, Ben-Ezra Z, Friedensohn A, Horne T. Differences in Exercise Test and Tl201 Myocardial Imaging Results Between Patients with Chronic and Acute Atypical Chest Pain. [abstr] Presented at: *IV International Meeting "Nuclear Cardiology Today – 2000 and Beyond"*; 2000 Cesena, Italy. *The Quart J of Nuclear Medicine*, 2000; Vol.44, num.1 (suppl.1), p.136.
75. **Abidov A**, Gottlieb S, Kaluski E, Hod H, Vered Z, Behar S. The Incidence and Outcome of Patients with New Intraventricular Conduction Disturbances Complicating Acute Myocardial infarction. [abstr]. Presented at: *47th Congress of Israel Heart Society*; 2000 Tel-Aviv. *J Israel Heart Society*, April 2000 (abstract supplement), p.1.
76. Kalusk E, Cotter G, Petrov O, Hendler A, **Abidov A**, Blatt A, Meshulam R, Krakover R. Unmonitored Low Dose Heparin in Coronary Angioplasty. Presented at: *Research and Development Day Assaf-Harofeh 50th Jubilee*; 1999; Zerifin (Tzrifin), Israel. Abstract Book, April 14, 1999, p.21.
77. Lytkin Y, **Abidov A**, Maleikov I, Meshulam R, Cotter G, Kaluski E. Persistent Echo-Contrast in the Inferior Vena Cava in Acute Myocardial Infarction: A Marker of Ventricular Dysfunction and Low Cardiac Output State. Presented at: *Research and Development Day, Assaf-Harofeh 50th Jubilee*; 1999; Zerifin (Tzrifin), Israel. Abstract Book, April 14, 1999, p.21.
78. Zimmerman E, Salah A, Krakover R, **Abidov A**, Cotter G, Kaluski E. Post-PTCA Flushing of Femoral Sheaths by High Pressure Heparinized Solution. Is this Practice Really Warranted? [abstr] Presented at: *20th Congress of the European Society of Cardiology 1998*; Vienna, Austria. *European Heart J*. 1998, Vol.19 (abstract supplement), P1276.
79. **Abidov A**, Ovcharenko L. Role of Endogenous Prostanoid System in Cardioregulatory and Metabolic Effects of Calcium Antagonists [abstr]. Presented at: *Constituent Congress of the International Society of Pathophysiology*; 1991; Moscow, Russia. (abstract book) – Moscow, 1991, p.83.

#### Other Publications (Russian)

Doctorate thesis (Ph.D. Degree): "Influence of Calcium Channel Blockers on the Metabolism of Lipids, Apolipoproteins and Endogenous Prostanoids in Patients with Coronary Artery Disease", Kharkov Medical Institute, Ukraine, 1990.

#### Other Papers (Russian)

1. Gorb IG, **Abidov A**, Zhmuro AV. Effect of calcium antagonists on myocardial contractility in stenocardia. *Sov Med* 1990, 12:55-7
2. Brovkovich VM, Topchii II, **Abidov AA**. Effect of the calcium antagonist diltiazem on the prostacyclin-thromboxane ratio in the plasma of ischemic heart disease patients. , 1991, 37(2):37-9.
3. Malaia LT, **Abidov AA**, Kniaz'kova II. The neurohumoral and hemodynamic effects of aldizem in patients with stable and unstable angina pectoris. *Ter Arkh* 1993, 65(2):55-8.

### Invited Lectures / Presentations

1. “Modern Cardiac Imaging in Diagnosis and Management of ARVC/D”, Invited Speaker, Mayo Clinic Update In Echocardiography: Role Of Echo From Prevention To Intervention, Scottsdale, AZ, November 14, 2015.
2. “MPI Ancillary Findings: Volumes, EF Change, TID” Invited Speaker, The 20th Annual Scientific Session of the American Society of Nuclear Cardiology, Washington DC, September 17, 2015.
3. “Advanced Cardiac Imaging in Diagnosis and Management of ARVC/D”, Invited Speaker, Symposium "Update in Arrhythmogenic Cardiomyopathy and Sudden Cardiac Death in the Young: novel technologies in cardiology, genetics, and pathology" Ancient Hall, University Palace, Padua, Italy, March 20-22, 2014.
4. “How to Translate Nuclear Quantitative Data to Patient Management and Risk Assessment? Current States and Future Prospects” Invited Speaker, American College of Cardiology 63rd Annual Scientific Session, Washington DC, March 29, 2014.
5. “The Use of Cardiac MRI in ARVC”. Invited Speaker, American College of Cardiology 62nd Annual Scientific Session, San Francisco, CA, March 11, 2013.
6. "Pediatric Cardiac MRI", Invited Speaker, “Spring into Imaging” Annual Conference, University of Arizona Medical Center, Tucson, Arizona, April 21, 2012.
7. Bi-Annual International Conference on Echocardiography and Allied Techniques (multiple presentations), Invited Speaker/Moderator, March and November, 2009 - 2015.
8. “Use of Nuclear Stress Testing Following an Abnormal Calcium Score”. Invited Speaker, Joint ASNC/SCCT Session: “Impact of Nuclear Cardiac Imaging and Cardiac CT on Patient Management”, American Society of Nuclear Cardiology 16th Annual Scientific Session, Denver, Colorado, September 8-11, 2011.

### Poster Discussant

1. “Radiation Exposure with CT Coronary Angiography”: ACC Poster Discussant, *59th Annual ACC Scientific Session*, Atlanta, Georgia, March 14, 2010.
2. “Risk Assessment with SPECT MPI”: ACC Poster Discussant, *59th Annual ACC Scientific Session*, Atlanta, Georgia, March 15, 2010.

### Visiting Professorship Lectures

1. “Advanced Cardiac CTA applications in patients with known and suspected CAD: identifying the good, the bad and the ugly”. Western University, London , ON, November 27, 2015
2. “Integrative approach to interpretation of the Myocardial Perfusion SPECT: how to put together perfusion, function and ancillary markers”. Western University, London , ON, November 26, 2015

3. "Cardiac CTA: Effective and Cost-Saving Methodology in the Management of Acute Chest Pain Syndromes", Banner UMC - Phoenix Campus, Phoenix, AZ August 26, 2015
4. "Cardiac MRI And PET-MR: New Perspectives In Clinical Practice And Cardiovascular Research" Cedars-Sinai Medical Center, Los Angeles, CA November 26, 2014

#### Grand Rounds

1. "Diagnostic Power of Modern Myocardial Perfusion Imaging: Integration of Perfusion and Function Findings in Patients with CAD and Congestive Heart Failure" November 6, 2015, Cardiology Grand Rounds, The University of Arizona, Tucson, Arizona.
2. "Cardiac CTA: Effective and Cost-Saving Methodology in the Management of Acute Chest Pain Syndromes". October 28, 2015, Medical Imaging Grand Rounds, The University of Arizona, Tucson, Arizona.
3. "Hemodynamic Rounds" May 21, 2014, Cardiology Fellows lecture, The University of Arizona, Tucson, Arizona.
4. "Congestive Heart Failure" May 14, 2014, 3<sup>rd</sup> year Medical Students CORE lecture, The University of Arizona, Tucson, Arizona.
5. "Hemodynamic Rounds" April 30, 2014, Cardiology Fellows lecture, The University of Arizona, Tucson, Arizona.
6. "MRI Imaging" March 12, 2014, CT Surgery Conference, The University of Arizona Medical Center, Tucson, Arizona.
7. "Coronary CTA" December 4, 2013, Emergency Medicine Residents lecture, The University of Arizona, Tucson, Arizona.
8. "EKG Emergencies, Part III" October 29, 2013, Internal Medicine Residents lecture, The University of Arizona, Tucson, Arizona.
9. "Hemodynamic Rounds" October 16, 2013, Cardiology Fellows lecture, The University of Arizona, Tucson, Arizona.
10. "EKG Emergencies, Part II" October 15, 2013, Internal Medicine Residents lecture, The University of Arizona, Tucson, Arizona.
11. "Hemodynamic Rounds" September 18, 2013, Cardiology Fellows lecture, The University of Arizona, Tucson, Arizona.
12. "EKG Emergencies" September 10, 2013, Internal Medicine Residents lecture, The University of Arizona, Tucson, Arizona.
13. "Advances in Cardiovascular CTA" August 29, 2013, Grand Rounds, Department of Medicine, The University of Arizona, Tucson, Arizona.
14. "Advances in Cardiovascular MRI: the UAHN Experience" December 28, 2013, Grand Rounds, Department of Medicine, The University of Arizona, Tucson, Arizona.
15. "Advanced Echocardiographic Methods in Clinical Practice" August 29, 2013, Grand Rounds, Department of Medicine, The University of Arizona, Tucson, Arizona.
16. "Chest Pain Management in ED: A 2013 Update." February 6, 2013, Emergency Medicine Resident lecture, The University of Arizona, Tucson, Arizona.

17. "Advanced Cardiac Imaging: 2012 Update." November 26, 2012, Biomedical Engineering student lecture, The University of Arizona, Tucson, Arizona.
18. "Nuclear Cardiology – Intro and Clinical Applications." October 3, 2012, Noninvasive Diagnostic Cardiology Conference, The University of Arizona, Tucson, Arizona.
19. "Introduction to Cardiac CT." July 24, 2012, Noninvasive Diagnostic Cardiology Conference, The University of Arizona, Tucson, Arizona.
20. "Feasibility and Reproducibility of Right Heart Quantitative Assessment on ECG-gated Coronary CTA: Correlation with 2D Echocardiography." July 20, 2012. SCCT Annual Meeting, Baltimore, Maryland.
21. "Cardiac Imaging for Surgeons." March 14, 2012. Cardiovascular Surgery lecture, The University of Arizona Medical Center, Tucson, Arizona.
22. "Obtaining a 12-lead EKG." February 28, 2012. Lecture to new nursing graduates, The University of Arizona, Tucson, Arizona.
23. "Congestive Heart Failure." February 22, 2012. Lecture to 3rd year medical students, The University of Arizona, Tucson, Arizona.
24. "Assessment of Chest Pain Patients – 2012 Update." February 9, 2012. Lecture to Hospitalists, University of Arizona Medical Center, Tucson, Arizona.
25. "Cardiac Imaging for Surgeons." February 3, 2012. Lecture to Thoracic Surgery residents, The University of Arizona, Tucson, Arizona.
26. "Patients with Acute Chest Pain." January 24, 2012. Lecture to Emergency and Internal Medicine residents, The University of Arizona, Tucson, Arizona.
27. "Right atrial mass in a patient with metastatic cancer". October 12, 2011, 21st Annual International Echo and Allied Techniques Conference, Orlando, Florida.
28. "Advances in Cardiovascular Imaging". October 11, 2011, Frontiers in Medical Research Seminar, The University of Arizona, Tucson, Arizona.
29. "Advances in Cardiovascular Imaging: 2011 Update", September 28, 2011, Grand Rounds, Department of Medicine, The University of Arizona, Tucson, Arizona.
30. "Cardiac CT", September 15, 2011, Lecture for Family Medicine Residents, University Health Care Clinic, Tucson, Arizona.
31. "Coronary CTA: patient selection and preparation", March 3, 2011, Presentation to the new Nursing staff at the University Physicians Healthcare Hospital, Tucson, Arizona.
32. "Update in Nuclear Cardiology", September 9, 2010, Lecture for Cardiology Fellows, Sarver Heart Center, The University of Arizona, Tucson, Arizona.
33. "ECG Emergencies", July 13, 2010, Lecture for Emergency Medicine and Internal Medicine residents, University Physicians Healthcare Hospital, Tucson, Arizona.
34. "Update in modern Cardiovascular Imaging", October 13, 2010, Medicine/Cardiology Grand Rounds, The University of Arizona, Tucson, Arizona.
35. "Introduction to Peripheral Vascular Imaging", August 10, 2010, Lecture for Cardiology Fellows, Sarver Heart Center, The University of Arizona, Tucson, Arizona.
36. "Introduction to Cardiac CTA", July 20, 2010. Lecture for Cardiology Fellows, Sarver Heart Center, The University of Arizona, Tucson, Arizona.

37. "Introduction to Cardiac SPECT and PET", July 13, 2010. Lecture for Cardiology Fellows, The University of Arizona, Tucson, Arizona.
38. "Congestive Heart Failure", May 5, 2010, Core Lecture for 3rd Year Medical Students, College of Medicine, The University of Arizona, Tucson, Arizona.
39. "Patient with Enlarged Aorta: Diagnostic and Prognostic Value of the Modern Cardiovascular Imaging Applications", April 16-18, 2010, Annual meeting of the Western Society of Pediatric Cardiology, Phoenix, Arizona.
40. "Complex congenital heart disease in adult patient", March 13, 2010, 20th Annual International Conference on Echocardiography and Allied Techniques (MRI, CT Scan, Nuclear Imaging), Atlanta, Georgia.
41. "Cardiology Board Review: overview of the ACC-SAP", March 1, 2010, Initial board review for Cardiology Fellows, Sarver Heart Center, University of Arizona, Tucson, Arizona.
42. "Cardiac MRI: acquisition and case review", February 11, 2010, lecture for Radiology residents, University Medical Center, Tucson, Arizona.
43. "Cardiac CT", January 14, 2010, Fellows Conference, Sarver Heart Center, The University of Arizona, Tucson, Arizona.
44. "Advances in Cardiovascular Imaging/Interesting AHA-09 Imaging presentations", December 2, 2009, Grand Rounds, Department of Medicine, The University of Arizona, Tucson, Arizona.
45. "Cardiac Imaging in 21th Century: Changing Goals, Targets, Paradigms and Implications", October 23, 2009, ARIBI Fall Workshop, The University of Arizona, Tucson, Arizona.
46. "Severe complication of the prosthetic aortic valve endocarditis in a hemodynamic stable patient", November 14, 2009, 19th Annual International Conference on Echocardiography and Allied Techniques (MRI, CT Scan, Nuclear Imaging), Orlando, Florida.
47. "QC of the 12-Lead ECG- Session II", September 5, 2009, University Physicians Healthcare Hospital, Tucson, Arizona.
48. "QC of the 12-Lead ECG - Session I", September 23, 2009, University Physicians Healthcare Hospital, Tucson, Arizona.
49. "Introduction to SPECT", September 10, 2009, Fellows Conference, Sarver Heart Center, The University of Arizona, Tucson, Arizona.
50. "CTA/Radiology-Part II", August 21, 2009, University Medical Center Radiology, Tucson, Arizona.
51. "CTA/Radiology-Part I", August 19, 2009, University Medical Center Radiology, Tucson, Arizona.
52. "Introduction to Peripheral Vascular". August 4, 2009, Noninvasive Imaging Cardiology Conference, University Medical Center Marshall Foundation, The University of Arizona, Tucson, Arizona.
53. "Introduction to PET". July 28, 2009, Grand Rounds Noninvasive Imaging Cardiology Conference, University Medical Center Marshall Foundation, The University of Arizona, Tucson, Arizona.
54. "Introduction to MRI", July 21, 2009, Noninvasive Imaging Cardiology Conference, University Medical Center Marshall Foundation, The University of Arizona, Tucson, Arizona.

55. "Introduction to CT", July 14, 2009, Noninvasive Imaging Cardiology Conference, University Medical Center Marshall Foundation, The University of Arizona, Tucson, Arizona.
56. "Update in Advanced Nuclear Cardiac Imaging including Acute Coronary Syndrome Evaluation", January 6, 2009, Sarver Heart Center, The University of Arizona, Tucson, Arizona.
57. "Added Diagnostic Value of Prone Imaging in Myocardial Perfusion SPECT". April 23, 2008, Cardiology Grand Rounds, Michigan Heart & Vascular Institute, St. Joseph Mercy Health System, Ann Arbor, Michigan.

Presentation: Moderator

1. "SPECT Cases: An Average Day in the Nuclear Cardiology Lab" Panelist, *The 20<sup>th</sup> Annual Scientific Session of the American Society of Nuclear Cardiology*, Washington DC, September 17, 2015.
2. "Multimodality Imaging in Heart Failure Patients Multimodality Imaging in Heart Failure Patients" Moderator, *The 19<sup>th</sup> Annual Scientific Session of the American Society of Nuclear Cardiology*, Boston MA, September 20, 2014.
3. "Novel Applications of SPECT and PET" Moderator, *American College of Cardiology 63<sup>rd</sup> Annual Scientific Session*, Washington DC, March 29, 2014.
4. "The Prognostic Value of CTA: The Evidence is Expanding". Moderator, *American Society of Nuclear Cardiology 16<sup>th</sup> Annual Scientific Session*, Denver, CO, September 8-11, 2011.
5. "Read with the Experts...Characteristic Patterns on Myocardial Perfusion Single-Photon Emission Computer Tomography": Moderator, *55<sup>th</sup> Annual ACC Scientific Session*, Atlanta, GA, March 13, 2006.
6. "Nuclear Imaging: Novel Technologies": Moderator, *55<sup>th</sup> Annual ACC Scientific Session*, Atlanta, GA, March 13, 2006.

Web Presentations, Podcasts

1. Singh J, Klewer S, **Abidov A**. Complex Congenitally Corrected Transposition of the Great Arteries with Double Outlet Right Ventricle, Dextrocardia, Subpulmonary Stenosis, VSD, and PDA. *Society for Cardiovascular Magnetic Resonance*. 2012. Available at: <http://www.scmr.org/caseoftheweek/2012/3066.html>
2. **Abidov A**. The Additive Prognostic Value of Perfusion and Functional Data Assessed by Quantitative Gated SPECT in Women. *Journal of Nuclear Cardiology Podcast*, 03/06/2009 available at [www.asncpodcast.org](http://www.asncpodcast.org)