

Eunjeong Kim, MD

EDUCATION

8/2002-5/2006	B.A. (Major in Biology)	Washington University in St. Louis, St. Louis, MO
8/2006-5/2010	M.D.	Boston University School of Medicine, Boston MA

POST-DOCTORAL TRAINING

7/2010-6/2013	Residency in Internal Medicine	Boston Medical Center, Boston MA
4/2013-5/2013	Mini-Chief	Boston Medical Center, Boston MA
7/2016-6/2019	Fellowship in Cardiovascular Med	Vanderbilt University Medical Center, Nashville, TN
7/2019-6/2021	Fellowship in Electrophysiology	University of California, San Francisco, San Francisco CA

FACULTY ACADEMIC APPOINTMENTS

7/2013-6/2016	Clinical Instructor	Harvard Medical School, Boston MA
9/2014-6/2016	Adjunct Clinical Instructor	Northeastern University, Boston MA

APPOINTMENTS AT HOSPITALS

7/2013-6/2016	Assistant In Medicine	Massachusetts General Hospital, Boston MA
7/2021-current	Cardiac Electrophysiologist	El Camino Hospital, Mountain View, CA
1/2025-current	Cardiac Electrophysiologist	Palo Alto Medical Foundation, Palo Alto CA

OTHER PROFESSIONAL POSITIONS

2013-2016	Clinical Vignette Reviewer	Society of General Internal Medicine
2015-2016	Manuscript Reviewer	Journal of Atrial Fibrillation
2017-2018	Manuscript Reviewer	JACC Clinical Electrophysiology

PROFESSIONAL SOCIETIES

2006-10, 15-	American Medical Association	member
2010-11	American Geriatrics Society	member
2010-13	Massachusetts Medical Society	member
2012-16	American College of Physicians	member
2012-	American Heart Association	member
2013-16	Society of General Internal Medicine	member, clinical vignette reviewer
2013-14, 16-	American College of Cardiology	member
2016-current	Heart Rhythm Society	member
2018	Society for Vascular Medicine	Associate member

LICENSURE AND CERTIFICATES

7/2010-7/2013	Massachusetts Limited Medical License
7/2013-10/17	Massachusetts Medical License
10/2016-10/19	TENNESSEE MEDICAL LICENSE
3/2019-CURRENT	CALIFORNIA MEDICAL LICENSE
1/2020 -CURRENT	CALIFORNIA FLUOROSCOPY LICENSE

7/2013-7/2023	American Board in Internal Medicine, No longer certified
10/2019-	Cardiovascular Medicine, ABIM, Certified
10/2021-	Clinical Cardiac Electrophysiology, ABIM, Certified

8/2012	Stress Test Certificate, Cardiovascular Center in Boston Medical Center
6/2016	Faculty Mentoring Program Certificate

HONORS AND AWARDS

Dean's List 2002-2006 □ **Howard Hughes Medical Institute Research Fellowship 2003** □ **Mini-Chief 2013** □ **Best Resident Abstract Award 2013** (John McCahan Medical Campus Education Day, Boston University School of Medicine)

QUALITY IMPROVEMENT PROJECTS

07/2012-13 Post-Discharge Follow-up Boston Medical Center Internal Medicine Department

Mentor: Winnie Suen, MD & Gouri Gupte, MD

Developed a standard way to ensure post discharge primary care follow-up at time of discharge using Lean model

02-08/2015 CPIP (Clinical Process Improvement Leadership Program) Partners Healthcare/MGH

Title: Improving Discharge Planning communication between patient and the care team

Sponsor: Josh Metlay, MD & Melissa Robinson, Nursing director in E12

Led a multidisciplinary team project to improve patients' understanding of discharge planning and readmission rate

02/2015-06/2016 Improving Sign-out Process among hospitalists MGH/Hospital Medicine Group

Sponsor: Melissa Mattison, MD & Josh Metlay

Led a project to improve overall quality of sign-out among hospitalists by standardizing the process and ultimately incorporated into OPPE (ongoing physician performance evaluation) requirements for HMG providers

04/2018-06/2019 Impella management and anticoagulation protocol VUMC/VHVI

Sponsor: Elias Haddad & Dan Munoz

We developed a new protocol for Impella management to reduce any bleeding or thrombotic complications in patients with cardiogenic shock requiring prolonged use of Impella

06/2020 Improving daily EP email University of California, San Francisco

Developed a new email format for the EP fellows to improve the workflow and communication and reduce the waste

10/2021 Inpatient Dofetilide initiation/continuation protocol El Camino Hospital, Mountain View, CA

We developed a new protocol for inpatient dofetilide initiation/ continuation which involved multidisciplinary collaboration with pharmacy division, nursing staff and IT for the new order set as well as education of the staff

LOCAL TEACHING EXPERIENCE/PROJECTS

07/2010-13 Morning Conference in Primary Care Boston Medical Center Internal Medicine Department

Presented clinical cases, and current literature review on various topics in ambulatory setting

07/2012-13 Code Blue Project Boston Medical Center Internal Medicine Department

Mentor: Teresa Cheng MD & Sheila Bernard MD

Developed a curriculum for code leadership and a simulation training for a multidisciplinary team including residents, nursing, and respiratory therapists

04-05/2013 Mini-Chief Boston Medical Center Internal Medicine Department

Coordinated and led the various style of teaching sessions (group discussion, chief-led, or resident-led reports) to medical students and medical residents

07/2014-06/2016 HMS Integrated Simulation Harvard Medical School

Involved in precepting pre-clinical simulation & debriefing sessions as faculty for Harvard Medical School students

07/2014-06/2016 Sepsis/hemodynamics Northeastern University/MGH

Led an integrated didactic course for Northeastern Univ. Physician Assistant students during a medicine clerkship in MGH

02/2016- 06/2016 ECG lecture Northeastern University/MGH

Led an integrated didactic course for Northeastern Univ. Physician Assistant students during a medicine clerkship in MGH

07/2016-06/2019 Harrison lectures Committee Vanderbilt University Medical Center

Organized and delivered integrated didactic course to interns, residents, medical students rotating in inpatient cardiology service

12/2016, 10/2018 Morbidity & Mortality conference Vanderbilt University Medical Center

Peer reviewed case presentation for the cardiovascular division of Medicine department for the purpose of quality and system improvement

01/2017, 10/2018	Clinical Management Conference	Vanderbilt University Medical Center
Case and topic review presentation for the education of the Vanderbilt Heart & Vascular institute faculty, staff and fellows		
11/2017-11/2018	ECG small group session	Vanderbilt University School of Medicine
Instructor at the ECG session for first year medical students at Vanderbilt university School of Medicine		
10/2017- 06/2019	Cardiovascular anatomy	Vanderbilt University School of Medicine
Instructor at the Cardiovascular section of anatomy for first year medical students at Vanderbilt university School of Medicine		
04/2018	Vascular anatomy	Vanderbilt University School of Medicine
Delivered a didactic on <i>Normal Human Vascular Anatomy and Function</i> to PhD candidate students in Molecular Medicine graduate program		
07/2019-06/2021	Electrophysiology lecture	University of California San Francisco, <i>San Francisco, CA</i>
Teaching residents in cardiology service on a variety of topics in electrophysiology		
07/2020-6/2021	EP rotation curriculum for general fellows	University of California, San Francisco
Aim to improve the overall learning experience of the general fellows during EP rotation by setting the goals and expectations of the EP rotation aligned with Core Cardiovascular Training Statements (COCATS) requirement.		
07/2021-current	Arrhythmia teaching for the cath lab staff	El Camino Hospital, Mountain View, CA
Provided lectures on selected arrhythmia topics of interest to EP lab staff (physiologic pacing, ventricular tachycardia)		

NATIONAL TEACHING EXPERIENCE/PROJECTS

06/2019	3T (Teaching tomorrow's teachers) program at EP 101	<i>Boston, MA</i>
Clinical case presentation highlighting the VT localization to teach rising electrophysiology fellows		
08/2021, 08/2022	3T (Teaching tomorrow's teachers) program at Device 101	<i>Virtual</i>
Clinical case presentation highlighting the device cases for troubleshooting and taught electrophysiology fellows		
05/2023	SVT session at HRS	<i>New Orleans, LA</i>
Chaired a session featuring multiple SVT cases and reviewed important EP maneuvers to differentiate various SVT mechanisms		
09/2023	"A day In the Life" EP Edition Fellow course	<i>San Carlos, CA</i>
Designed and led a course as co-faculty for cardiology and electrophysiology fellows to review basics of EP procedures, catheter maneuver skills and low fluoroscopy workflow		

LANGUAGES

Korean (native speaker); English (fluent)

PEER REVIEWED PUBLICATIONS

Kim E, Lyass A, Wang N, Massaro JM, Fox CS, Benjamin EJ, Magnani JW. Relation of Hypothyroidism and Incident Atrial Fibrillation (from the Framingham Heart Study). *Am Heart J*. 2014 Jan;167(1):123-6.

Tripathi S, Verma A, **Kim EJ**, White MR, Hartshorn KL. LL-37 modulates human neutrophil responses to influenza A virus. *J Leukoc Biol*. 2014 Nov;96(5):931-8.

Kim E, Ozonoff A, Hylek EM, Berlowitz DR, Ash AS, Miller DR, Zhao S, Reisman JI, Jasuja GK, Rose AJ. Predicting outcomes among patients with atrial fibrillation and heart failure receiving anticoagulation with warfarin. *Thromb Haemost*. 2015 July;114(1):70-7.

Kim E, Yin X, Fontes J, Magnani JW, Lubitz SA, McManus DD, Seshadri S, Vasan RS, Ellinor PT, Larson MG, Benjamin EJ, Rienstra M. Atrial Fibrillation without Comorbidities: Prevalence, Incidence and Prognosis (from the Framingham Heart Study). *Am Heart J*. 2016 July;177:138-44.

Kim E, Davogustto G, Stevenson WG, John RM. Non-invasive cardiac radiation for ablation of ventricular tachycardia: a new therapeutic paradigm in electrophysiology. *Arrhythmia & Electrophysiology Review* 2018;7(1):8-10

Norton C, Holmes B, Al Aboud A, **Kim E**, Gonzales H, Ellis C, John R, Crossley GH, Montgomery J. Transvenous Extraction and Removal of Pacing Leads Placed after Cardiac Transplantation. *Case Reports in Cardiology* vol 2019 Jan

Narui R, Nakamura T, Nakajima I, Norton CA, **Kim E**, Holmes BB, Stevenson WG, John RM, Ellis CR, Crossley GH, Montgomery JA. Detection of High Frequency Artifact as a Function of Pulse Generator Algorithms and Outer-Insulation Material. *Heart Rhythm* 2019; 16(12):1855-1861

Kim E, Holmes BH, Huang S, Lugo R, Al Aboud A, Goodman S, Hung RR, Slosky D, Stevenson WG, Michaud GF, John RM. Outcomes in Patients with Cardiac Amyloidosis and Implantable Cardioverter Defibrillator. *Europace* 2020 Aug 1;22(8):1216-1223 doi: 10.1093/europace/ea0094

Kim E, Gerstenfeld EP, Pellegrini CN. Use of Adenosine to Release an Entrapped Catheter During Ablation of Premature Ventricular Complexes. *JACC: Case Reports* 2021 3(4):610-613

Kim E, Davogustto G, Huang S, Crossley GH, Montgomery JA. Clinical and Radiographic Predictors of Cardiovascular Implantable Electronic Device Lead Failure at the Time of Initial Implantation. *J Arrhythmia*. 2021;00:1-7

Kim E, Hoffmann TJ, Nah G, Vittinghoff E, Delling F, Marcus GM. Coffee Consumption and Incident Tachyarrhythmias: Reported Behavior, Mendelian Randomization, and their Interactions. *JAMA Intern Med* 2021

Cheung CC, **Kim E**, Tseng Z, Gerstenfeld EP, Anderson RH, Sanchez-Quintana D, Sternick EB, and Hsia HH. Atrial Tachycardia Ablation at the Pulmonic Valve in a Patient With Congenitally Corrected Transposition of Great Arteries. *JACC EP* 2021 Nov 7 (11) 1473-81.

Kim E*, Higuchi S*, Gerstenfeld EP, Bibby D, Schiller NB, and Hsia HH. Atrial and Ventricular Cardiomyopathy Associated with Premature Atrial Contractions: Speckle Tracking Echocardiography Demonstrates Reversibility Following successful Ablation. *Heart Rhythm Case Reports* 2022;1-4

BOOK CHAPTER

KIM E, MICHAUD GM (2020). ‘ATRIOVENTRICULAR REENTRY TACHYCARDIA’, IN YAN, G. (3RD ED.) MANAGEMENT OF CARDIAC ARRHYTHMIAS (CONTEMPORARY CARDIOLOGY)

ABSTRACT/PRESENTATIONS

Kim E, Richards E. J. Natural Variation in Cytosine Methylation in *Arabidopsis thaliana*. (Poster presented at the HHMI Research Symposium 2003, *St. Louis, MO*)

Gupta T, **Kim E**, Han B, Suen W. A Rare Complication of Aortic Aneurysms. *Journal of the American Geriatrics Society*. 2011; 59 (s1): S163 (Poster presentation at the American Geriatrics Society National Meeting 2011, *National Harbor, MD*)

Kim E, Lyass A, Wang N, Massaro JM, Fox CS, Benjamin EJ, and Magnani JW. Hypothyroidism is Not Associated with Increased Risk of Atrial Fibrillation: The Framingham Heart Study (Poster presentation at American College of Cardiology National Scientific Meeting 2013, *San Francisco, CA*)

Kim E, Rose A. Predicting Outcomes Among Patients with Heart Failure Receiving Anticoagulation with Warfarin (Oral presentation at American Heart Association Quality of Care and Outcomes Research National Scientific Meeting 2013, *Baltimore, MD*)

Grossman JR, **Kim E**, Motwani SS, Saung MT, Tewani S, Patts GJ, Weinberg J, Bernard S, Cheng T. Single Center Simulation-Based Training of Cardiopulmonary Resuscitation for Internal Medicine Residents (Best Resident Abstract Award; Oral presentation at John McCahan Medical Campus Education Day, Boston University School of Medicine, 2013, *Boston, MA*)

Kim E, Chuang W. Improving the Quality of Pass-offs in a Large Academic Hospitalist Group (Poster presentation at Society of Hospital Medicine National Scientific Meeting 2016, *San Diego, CA*)

Kim E, Bloomer T. Morbidity & Mortality conference (Peer reviewed oral presentation on topic of wearable monitor for the cardiovascular division of Medicine department for the purpose of quality and system improvement 2016, *Nashville, TN*)

Kim E, Bradham WS. Clinical Management Conference (Oral presentation of a case and topic review on cardiac sarcoidosis for the education of the Vanderbilt Heart & Vascular institute faculty, staff and fellows 2017, *Nashville, TN*)

Kim E, Shoemaker MB, Roden D. A Subtype of Long QT Syndrome (oral presentation at interdisciplinary Vanderbilt Center for Arrhythmia Research and Therapeutics conference at Vanderbilt University Medical Center 2017, *Nashville, TN*)

Kim E, Rollins A. Morbidity & Mortality conference (Peer reviewed oral case presentation on topic of impella management for the cardiovascular division of Medicine department for the purpose of quality and system improvement 2018, *Nashville, TN*)

Kim E, Aday A. Clinical Management Conference (Oral presentation of a case and topic review on peripheral arterial disease for the education of the Vanderbilt Heart & Vascular institute faculty, staff and fellows 2018, *Nashville, TN*)

Holmes BH, **Kim E**, Montgomery JA, Michaud GF, John RM. Temporal changes in sensing and pacing parameters in individuals with cardiac amyloidosis and cardiac implantable electronic devices (Poster presentation at AHA National Meeting, Nov 2018, *Chicago, IL*)

Kim E, Holmes BH, Huang S, Lugo R, Al Aboud A, Richardson T, Goodman S, Hung RR, Slosky D, Stevenson WG, Michaud G, and John RM. "Does an Implantable Defibrillator Alter Outcomes in Patients with Cardiac Amyloidosis?" (Poster presentation at ACC Regional meeting, Oct 2018, *Nashville, TN*)

Kim E. Cut, zap, burn, freeze and more: the case of supraventricular tachycardia (Cardiovascular Grand Rounds 2019, VUMC, *Nashville, TN*)

Gonzales H, **Kim E**, Negrotto S. Making a Case for Cardio-rheumatology: the Difficult Interplay Between Acute Coronary Syndrome and Acute Systemic Lupus Erythematosus (Poster presentation at ACC National Scientific Meeting March 2019, *New Orleans, LA-to be presented*)

Kim E, Holmes BH, Huang S, Lugo R, Al Aboud A, Richardson T, Goodman S, Hung RR, Slosky D, Stevenson WG, Michaud G, and John RM. "Does an Implantable Defibrillator Alter Outcomes in Patients with Cardiac Amyloidosis?" (Poster presentation at ACC National meeting, March 2019, *New Orleans, LA*)

Nakamura T, Narui R, Holmes BH, Norton, C, **Kim E**, Nakajima I, John RM, Ellis CR, Crossley GH, and Montgomery JA. "Fungemia in Patients with Cardiovascular Implantable Electronic Devices" (Poster presentation at HRS National meeting, May 2019, *San Francisco, CA*)

Kim E, Holmes BH, Huang S, Lugo R, Al Aboud A, Richardson T, Goodman S, Hung RR, Slosky D, Stevenson WG, Michaud G, and John RM. "Does an Implantable Defibrillator Alter Outcomes in Patients with Cardiac Amyloidosis?" (Poster presentation at CA HRS regional meeting, Sep 2019, *San Francisco, CA*)

Kim E, Nah G, Vittinghoff E, Delling FN, Marcus GM. "Is Drinking Coffee Associated with an Increased Risk of Arrhythmia?" Accepted for Featured poster presentation at the Heart Rhythm Society's Annual Scientific Sessions, San Diego, CA, May, 2020 (the meeting was cancelled due to COVID19 outbreak)

Cheung C, **Kim E**, Tseng Z, Gerstenfeld EP, Hsia H. "Atrial Tachycardia Ablation At The Pulmonic Valve In A Patient With Congenitally Corrected Transposition Of Great Arteries?" Accepted for poster presentation at HRS Annual Scientific Sessions, Boston, MA, July 2021

Higuchi S, **Kim E**, Gerstenfeld EP, Bibby D, Schiller NB, Hsia HH. “Atrial and ventricular cardiomyopathy associated with premature atrial contractions: Speckle-tracking echocardiography demonstrates reversibility following successful ablation” Heart rhythm Case Reports Jan 8 2022