**Aken A. Desai, MD, FACC, FSCAI**

**aken.desai@cuanschutz.edu**

**CURRENT POSITION**

Assistant Professor of Medicine, Interventional Cardiology, Division of Cardiology, University of Colorado, Aurora, CO

**EDUCATION AND TRAINING**

Education

2003-2007 University of Michigan Stephen M. Ross School of Business, Ann Arbor, MI, Bachelor of Business Administration

2007-2011 University of Michigan Medical School, Ann Arbor, MI, Medical Doctorate

 Postdoctoral Training

2011-2012 Intern, Internal Medicine, University of Michigan Hospital, Ann Arbor, MI

2012-2014 Resident, Internal Medicine, University of Michigan Hospital, Ann Arbor, MI

2014-2017 Fellow, Cardiovascular Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA

2017-2018 Fellow, Interventional Cardiology, William Beaumont Hospital, Royal Oak, MI

2018-2019 Fellow, Advanced Interventional and Structural Cardiology, University of Colorado, Denver, CO

**EXPERIENCE**

7/2019-1/2020 Instructor of Medicine, Interventional Cardiology, Division of Cardiology, University of Colorado

**BOARDS/CERTIFICATIONS**

 4/27/2009 USMLE Step I

 7/15/2010 USMLE Step II CK

 8/23/2010 USMLE Step II CS

 3/5/2013 USMLE Step III

 8/2014 American Board of Internal Medicine

 8/2016 National Board of Echocardiography Examination of Special Competence in Adult Echocardiography

 5/25/2017 COCATS Level 2 Nuclear Cardiology

 6/8/2017 COCATS Level 2 Echocardiography (TTE, TEE and Stress Echocardiography)

9/2017 American Board of Internal Medicine – Cardiovascular Medicine

10/2018 American Board of Internal Medicine – Interventional Cardiology

 5/2019 BLS and ACLS Certified

 12/2019 Fellow, American College of Cardiology

 12/2019 Fellow, Society of Cardiovascular Angiography and Interventions (applied, awaiting acceptance)

**ACTIVE LICENSURE – BY EXPIRATION DATE**

6/30/2020 DEA FD7303174

4/30/2021 Colorado Medical License DR.0060268

**HONORS AND AWARDS**

 12/2012 Making a Difference Award, University of Michigan Health System

 5/2007 Graduated with High Distinction, Stephen M. Ross School of Business

**PRIOR EDUCATIONAL EXPERIENCE**

2005 – 2010 ACT and MCAT Instructor, Institute for Higher Learning, Ann Arbor, MI

 November 2016 University of Pittsburgh Medical School Advanced Physical Exam Course for Second Years, Pittsburgh, PA

 5/2016-6/2017 UPMC Internal Medicine Residency CCU Fellow Lecture Series (STEMI, PCI and temporary MCS)

 6/2016 Mentorship for Cardiology Handbook for UPMC Internal Medicine Residency

**INTRAMURAL ACTIVITIES**

 2008 University of Michigan Medical School Second Look Weekend Programming Co-Chair

 2009-2011 University of Michigan Medical School Curriculum Representative to AAMC

 2008-2010 University of Michigan Medical Student Wiki Co-Creator

 2011-2013 Internal Medicine Resident Education Committee Member

 2012 University of Michigan Internal Medicine Intern Manual, “Just The Facts” Co-Editor

 2012-2014 University of Michigan Internal Medicine Resident Website Co-Creator

 May 30, 2013 University of Michigan Internal Medicine “Intern Retreat – How To Be a Senior” Discussant

 June 11, 2013 University of Michigan Internal Medicine “Senior Boot Camp – Running A Team” Lecture

 2013-2014 University of Michigan Internal Medicine Resident Education Committee Chair

 8/2014-5/2016 UPMC Trainee Patient Safety and Quality Improvement Committee

**PROFESSIONAL AND SOCIETY MEMBERSHIPS**

 American College of Cardiology

 Society of Cardiovascular Angiography and Interventions

**JOURNAL REVIEWER**

American Heart Journal

**INTRAMURAL PRESENTATIONS**

Ambulatory Morning Report, University of Michigan Department of Internal Medicine, January 2012: Microscopic Hematuria

 Patient Safety Project Presentation, University of Michigan Department of Internal Medicine, July 26, 2012: Improving Rounding Efficiency

Ambulatory Morning Report, University of Michigan Department of Internal Medicine, July 27, 2012: Common Musculoskeletal Complaints and Exam Findings

 Internal Medicine Research Day, University of Michigan Department of Internal Medicine, May 17, 2013: Predictive value of elevated troponin and normal echocardiogram in the diagnosis of acute coronary syndrome: a follow-up analysis.

 M&M Presentation, University of Pittsburgh Division of Cardiovascular Medicine, January 21, 2015: Missed STEMI in the setting of reported suicide attempt.

 Cath Conference, University of Pittsburgh Division of Cardiovascular Medicine, April 30, 2015: TAVR for Chronic Aortic Insufficiency.

 Board Review Conference, University of Pittsburgh Division of Cardiovascular Medicine, May 21, 2015: Strokes and Musuclar Dystrophies.

 Echo Conference, University of Pittsburgh Division of Cardiovascular Medicine, May 29, 2015: Mult-level LVOT obstruction.

 Journal Club, University of Pittsburgh Divison of Cardiovascular Medicine, September 22, 2015: Meta-Analysis of PCKS9 Inhibitors.

 Cath Conference, University of Pittsburgh Division of Cardiovascular Medicine, November 5, 2015: PFO Closure and Spontaneous Coronary Artery Dissection.

 Preventive Fellow Lecture, University of Pittsburgh Division of Cardiovascular Medicine, November 18, 2015: Peripheral Artery Disease.

 Morbidity and Mortality, University of Pittsburgh Division of Cardiovascular Medicine, December 9, 2015: Adverse Events in Patients Admitted Without a Code Status.

 Board Review Lecture, University of Pittsburgh Division of Cardiovascular Medicine, December 11, 2015: CAD Risk Stratification.

 Cath Conference, University of Pittsburgh Division of Cardiovascular Medicine, September 21, 2016: Post-Op MI and Management of Severe Left Main Disease in the non-cardiac surgery patient.

 Board Review Lecture, University of Pittsburgh Division of Cardiovascular Medicine, November 23, 2016: ACS Reperfusion Strategies and Medical Management.

 Nuclear Cardiology Conference, University of Pittsburgh Division of Cardiovascular Medicine, February 27, 2017: Invasive and Non-Invasive Evaluation of Coronary Physiology.

Department of Medicine Research Day, University of Pittsburgh, May 2, 2017: Patient management at a pulmonary

hypertension center of comprehensive care improves clinical outcomes compared with non-specialty care.

 Senior Research Talk, University of Pittsburgh Division of Cardiovascular Medicine, May 31, 2017: A Tale of Two Projects.

 Interventional Cardiology Conference, Beaumont Health, July 14, 2017: PCI of Non Culprit Lesions in Acute MI.

 Interventional Cardiology Conference, Beaumont Health, August 16, 2017: Acute Mechanical Circulatory Support.

 Cardiology Morbidty and Mortality Conference, Beaumont Health, September 11, 2017: Door to Unloading in Acute MI

Related Cardiogenic Shock.

 Interventional Cardiology Conference, Beaumont Health, September 22, 2017: Coronary Atherectomy.

Interventional Cardiology Conference, Beaumont Health, October 28, 2017: Stable Angina and Silent Ischemia: Guideline Synopsis.

Interventional Cardiology Conference, Beaumont Health, December 8, 2017: Cardiogenic Shock and Mechanical Complications of MI.

Morbidity and Mortality, University of Colorado Department of Medicine, March 10, 2020: Missed RV Infarction in RBBB.

**CONFERENCES AND COURSES ATTENDED**

 American College of Cardiology Scientific Sessions 2015, San Diego, CA

 American College of Cardiology Scientific Sessions 2016, Chicago, IL

 Lenox Hill Heart and Vascular Fellows Course, February 2-4 2017, Las Vegas, NV

 CRT 2017, February 18-20 2017, Washington, DC

 CRF Fellows Course, April 5-9 2017, Orlando, FL

SCAI Fall Fellows Course, December 9-12 2017, Las Vegas, NV

Edwards TAVR Foundations for Fellows, August 2-3 2018, Minneapolis, MN

Medtronic Evolut TAVR Fundamentals for Fellows, November 16-17 2018, San Francisco, CA

SCAI Fall Fellows Structural Course, December 7-9, 2018, Las Vegas, NV.

28th Annual Beaumont Cardiovascular Conference, February 9-13, 2019, Beaver Creek, CO.

Gore CardioForm Structural Heart Fellows Course, May 2-3, 2019. Philadelphia, PA.

Abbott MitraClip 101. June 6-7, 2019. Dallas, TX.

Watchman Physician Training. June 16, 2020. Online.

**BIBLIOGRAPHY**

 Peer Reviewed Journals and Publications

 Silverman LZ, Hoesel LM, Desai AA, Rosa P, Purtill M, Brandt M. It Takes An Intensivist. The American Journal of Surgery. 2011 Mar; 201(3): 320-323.

Davis M, Shafton A, Desai A, Childers D, Bach D. “Reliable exclusion of Acute Coronary Syndrome Among Hospitalized Patients with Elevated Troponin.” Clinical Cardiology. 2014 Jul; 37(7) : 395-401.

Purohit S, Lee P, Strobel A, Desai A, Marsala M, Bull T, Brike A, Vargas D, Kay J, Altman N. “An Unusal Case of Hypoxemia Folloing LVAD.” Circulation: Heart Failure. 2020 Jan; 13(1):

Desai AA, Biswas M, Rogers K. An Atypical Presentation of Early Iliac Stent Failure. http://www.acc.org. Jan 02, 2020. Accessed Jan 5, 2020. https://www.acc.org/education-and-meetings/patient-case-quizzes/2020/01/02/08/52an-atypical-presentation-of-early-iliac-stent-failure.

 Pi H, Kosanovich CM, Handen A, et al. Outcomes of Pulmonary Arterial Hypertension Are Improved in a Specialty Care Center [published online ahead of print, 2020 Feb 25]. *Chest*. 2020;S0012-3692(20)30334-2. doi:10.1016/j.chest.2020.01.046

 Book Chapters, Online Presentations and non-peer reviewed publications

 Barman P, Desai AA. (2012, July 1). The J.T.F. Manual, 17th Edition.. (Just the Facts) for Interns.

 Desai AA, Barman P, Levenson J. (2013, January 1). U-M Internal Medicine Residency Home Page.

 https://sites.google.com/a/umich.edu/im/home.

 Geriatric Section of the American College of Cardiology. “Care of Older Adults with Cardiovascular Disease.” ECCOA
for ACC Chapters Initiative. http://www.acc.org/membership/sections-and-councils/geriatric-cardiology-section/about-us/section-initiatives/eccoa-for-acc-chapters-initiative. (Contrubitor)

 Abstracts

Desai AA, Davis M, Shafton A, Bach D. “Predictive value of elevated troponin and normal echocardiogram in the diagnosis of acute coronary syndrome: a follow-up analysis.” University of Michigan Internal Medicine Research Symposium, May 2013.

Poster Presentations

Desai AA, Chan SY et al. « Patient management at a pulmonary hypertension center of comprehensive care improves clinical outcomes compared with non-specialty care.” University of Pittsburgh Internal Medicine Research Day, May 2, 2017.

 Oral Presentations

 Dazy K, Desai AA, Levenson J, Oliverio A. Don't Just Stand There, Order Something!: A Lean Analysis of Morning Work Flow. Oral presentation at: 2012 Patient Safety Projects, University of Michigan Department of Internal Medicine; Ann Arbor, MI.

 Desai AA, Shafton A, Bach D, Davis M. Non-ACS causes of elevated troponins portend poor prognosis and mortality compared to ACS. Oral presentation at: 2013 University of Michigan Internal Medicine Research Symposium; Ann Arbor, MI.

Desai AA.. A Shocky Situation. Oral presentation at: 28th Annual Beaumont Cardiovascular Conference; Beaver Creek, CO. February 11, 2019.

Desai AA. Updates in Structural Heart Disease. Oral presentation at: University of Colorado Cardiology Update for Primary Care. September 28, 2019.

Barrett C, Cerbin L, Desai A, Carroll J. Intravascular Hemolysis After Placement of a MitraClip. Oral presentation at: American College of Cardiology Scientific Sesssions 2020. March 28, 2020.