

Revised 3/28/2023

**CURRICULUM VITAE**  
**SANDESH DEV, MD, MS**

**Home Address:** 3516 E. Hashknife Rd. Phoenix AZ 85050  
**Telephone:** 602-888-1257  
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**Chronology of Education**

BS Duke University  
Durham, NC  
Biology  
8/1990-6/1994

MD Ohio State University College of Medicine  
Columbus, OH  
6/1994-6/1998

MS University of Michigan  
Ann Arbor, MI  
Clinical Research Design and Statistical Analysis  
10/2015-6/2017

**Postgraduate Training:**

7/1998-6/2001 Internship and Residency, Internal Medicine  
Boston University Medical Center  
Boston, MA

7/2001-7/2002 (Gap in training – International Travel)

7/2002-6/2004 Fellowship, Cardiovascular Diseases  
Georgetown University / Washington Hospital Center  
Washington, DC

7/2004-7/2005 Fellowship, Cardiac Transplantation  
UCLA Medical Center, Los Angeles, CA

### **Board Certifications and Licenses**

2001-2011	ABIM - Internal Medicine
2005-2016	Certification Board in Nuclear Cardiology
2006-	ABIM – Cardiovascular Medicine
2008-	North Carolina medical license (2008-00180)
2010-	ABIM – Advanced Heart Failure and Transplantation
2011-	Arizona medical license (45254)
2017-	Minnesota medical license (61746)

### **Clinical Skills**

Cardiovascular Medicine – ABIM Board Certified (renews 2026)  
 Echocardiography – Level 2  
 Nuclear Cardiology - CBNC Board certified (expired 2015)  
 Advanced Heart Failure / Cardiac Transplantation – Level 3, Board Certified (renew in 2030)

### **Chronology of Employment**

7/2005-11/2005	Locums Cardiologist Desert Heart Physicians Palm Springs, CA
12/2005-11/2007	Assistant Professor, Northwestern University Heart Failure Cardiologist Northwestern Memorial Hospital, Chicago IL
12/2007-3/2008	Locums Cardiologist Prairie Cardiovascular St. Mary's Hospital Streator, IL
4/2008-4/2011	Assistant Professor, Duke University Heart Failure Cardiologist Durham, NC
4/2011-2/2016	Cardiologist, Director of Heart Failure Program Phoenix VA Medical Center Phoenix, AZ

1/2012- 1/2014	Assistant Clinical Professor, University of Arizona College of Medicine, (UA COM) Phoenix
1/2014 – 7/2019	Associate Clinical Professor, UA COM-Phoenix
2/2016 – 4/2019	Medical Director, Medical Affairs CVS Caremark Scottsdale, AZ
7/2016 - 2021	Telecardiology consultant Remote echocardiogram interpretation (part-time) (Advanced Cardiac Diagnostics, USA Telecardiology)
6/2018 – 4/2019	Fee Basis Cardiologist Southern Arizona VA Health System Tucson, AZ
5/2019 – present	Staff Cardiologist, Heart Failure Specialist Southern Arizona VA Health System Tucson, AZ
7/2019-present	Associate Clinical Professor, UA COM-Tucson

### **Honors and Awards**

6/1996	Freda A. Mallory Prize in Medical Humanities Ohio State University College of Medicine
5/2011	Phoenix VAMC Quality Expo ‘Hospital to Home Initiative for Heart Failure Patients, 1 <sup>st</sup> Prize

### **Service / Outreach** (in current rank)

#### VA Health System

2021- present	Member. Southern Arizona VA Institutional Review Board
2022 – present	Member, Pharmacogenomics Implementation Committee

#### College

2016-	Abstract Reviewer, American Heart Association Scientific Sessions
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#### Other

2018	Corporate Participant, American Heart Association Value in Cardiology Summit
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2018

Corporate Participant, Inova-FDA Heart Failure Think Tank

Journal Reviewer – JAHA, J Pall Med, Am J Managed Care (restricted to recent activity, 2022)

**Publications (ORCID ID# 0000-0002-4140-0583)****Refereed manuscripts**

1. **Dev S**, Clare R, Fiuzat M, Felker GM, Stevenson LW, O'Connor C. Quality of Life vs. Extended Survival: Patients with Severe Heart Failure and Their Preferences for Cardiopulmonary Resuscitation Eur J Heart Fail. 2012 Jan; 14(1):45-53. PMID: 22037389
2. **Dev S**, Shirolkar SC, Stevens SR, Shaw LK, Adams PA, Felker GM, Rogers JG, O'Connor CM. Reduction in Body Weight but Worsening Renal Function With Late Ultrafiltration for Treatment of Acute Decompensated Heart Failure. Cardiology. 2012; 123(3):145-53. PMID: 23108095
3. **Dev S**, Abernethy AP, Rogers JG, O'Connor CM. Preferences of people with advanced heart failure—a structured narrative literature review to inform decision making in the palliative care setting. American Heart Journal. 2012 Sep; 164(3):313-319. PMID: 22980296
4. **Dev S**, Peterson P, Varosy P, Curtis JP, Wang YF, Masoudi FM. Trends in Antiarrhythmic Prescription at Time of ICD Implant: A Report from the NCDR ICD Registry. American Journal of Cardiology. 2014 Jan 15; 113(2):314-20. PMID: 24216126
5. Kavalieratos D, Kamal A, **Dev S**, Biddle AK, Carey T, Abernethy A, Weinberger M. Comparing the Unmet Needs of Community-based Palliative Care Patients with Heart Failure and Cancer. J Palliat Med. 2014 Apr;17(4):475-81. PMID: 24588568
6. Kavalieratos D, Mitchell EM, Carey TS, **Dev S**, Biddle AK, Reeve BB, Abernethy AP, Weinberger M. "Not the 'grim reaper service'": an assessment of provider knowledge, attitudes, and perceptions regarding palliative care referral barriers in heart failure. J Am Heart Assoc; 2014 Jan 2; 3(1)3:e000544. PMID: 24385453
7. Kutner JS, Blatchford PJ, Taylor DH Jr, Ritchie CS, Bull JH, Fairclough DL, Hanson LC, LeBlanc TW, Samsa GP, Wolf, S, Aziz NM, Currow DC, Ferrell B, Wagner-

- Johnston N, Zafar SY, Cleary JF, **Dev S**, Goode PS, Kamal AH, Kassner C, Kvale EA, McCallum JG, Ogunseitán AB, Pantilat SZ, Portenoy RK, Prince-Paul M, Sloan JA, Swetz KW, von Gunten CF, Abernethy AP. Safety and benefit of discontinuing statin medications in the setting of advanced life-limiting illness. *JAMA Int Med*. Published online March 23, 2015. PMID: 25798575
8. Chauhan V, **Dev S**, Pham M, Lin S, Heidenreich P. Facility Variation and Predictors of Serum Potassium Monitoring after Initiation of Mineralocorticoid Receptor Antagonists in Patients with Heart Failure. *Am Heart J*. 2015 Sep;170(3):543-9. PMID: 26385038
  9. **Dev S**, Lacy ME, Masoudi F, Wu WC. Temporal Trends and Hospital Variation in Mineralocorticoid Use in Veterans Discharged with Heart Failure. *J Am Heart Assoc*. 2015 Dec 23;4(12) PMID: 26702082
  10. **Dev S**, Hoffman TK, Kavalieratos D, Heidenreich P, Wu WC, Schwenke DC, Tracy SJ. Barriers to Adoption of Mineralocorticoid Receptor Antagonists in Patients With Heart Failure: A Mixed-Methods Study. *J Am Heart Assoc*. 2016 Mar 31;4(3). PMID: 27032719
  11. Cohen LB, Parent M, Taveira TH, **Dev S**, Wu WC. A Description of Patient and Provider Experience and Clinical Outcomes After Heart Failure Shared Medical Appointment. *J Patient Exp*. 2017;4(4):169-176. PMID: 29276763
  12. Wu WC, Parent M, **Dev S**, Hearn R, Taveira TH, Cohen L, Shell-Boyd J, Jewett-Tennant J, Marshall V, Gee J, Schaub K, LaForest S, Ball S. Group medical visits after heart failure hospitalization: Study protocol for a randomized-controlled trial. *Contemp Clin Trials*. 2018 Aug;71:140-145. PMID: 29940335
  13. **Dev S**, Fawcett J, Ahmad S, Wu WC, Schwenke D. Implementation of early follow-up care after heart failure hospitalization. *Am J Manag Care*. 2021;27(2):e42-e47.PMID: 33577160

14. Marshall V, Jewett-Tennant J, Shell-Boyd J, Stevenson L, Hearn R, Gee J, Schaub K, LaForest S, Taveira T, Cohen L, Parent M, Dev S, Barrette A, Oliver K, Wu WC, Ball SL. Healthcare providers experiences with shared medical appointments for heart failure. PLoS One. 2022;17(2):e0263498. PMID: 35130320

Electronic publications (non-peer reviewed)

1. Dev S. Highlights of the Physical Exam in Heart Failure. J. Geriatr Cardio 2006, 3(4):237-41.

Letters to Editor

1. Dev S, Galanos AN; Duke Supportive Cardiology Group. Complexities of defibrillator deactivation. Ann Intern Med. 2010 Jul 20;153(2):133-4. PMID: 20644001
2. Dev S, Lloyd-Jones D. Problems associated with screening for asymptomatic cardiac transplant rejection. J Heart Lung Transplant. 2007 Nov;26(11):1219. PMID: 18022094

**Works In Progress:** Scoping Review of Machine Learning in Cardiac Amyloidosis

**Media:** N/A

**Conferences / Scholarly Presentations**

Data blitz, University of Arizona College of Medicine Research Day, ‘Nudges to Improve Heart Failure Prescribing’ March 29, 2023

Banner University Medical Center Cardiology, Valley of the Sun CME Symposium, ‘Cardiac amyloidosis.’ March 11, 2023

ASU Updates in Cardiac Amyloidosis, ‘Epidemiology of Cardiac Amyloid’ January 14, 2023

Southern Arizona VA Health Care System, ‘Heart Failure with Preserved Ejection Fraction,’ Clinical Management Conference, January 26, 2021

VA Heart Failure Network, ‘Mineralocorticoid Receptor Antagonist Use in Veterans with Heart Failure,’ national webcast, November 19, 2015

VA Heart Failure Network, ‘Implementing Shared Medical Appointments: Lessons Learned from Treating Heart Failure,’ national webcast, August 6, 2015

BGSMC Cardiology Fellows Talk, 'Kidney and Heart Interactions in Heart Failure,' July 29, 2015

Phoenix VA Primary Care Conference, 'Shared Medical Appointments for Heart Failure,' May 7, 2015

BGSMC Cardiology Fellowship, Heart Failure / Transplant Topics, February 22, 2014

BGSMC Residency, 'Overview HF Management', February 25, 2014

Tucson VA Grand Rounds, 'Innovative Care Models for Veterans with HF,' January 22, 2014

#### Peer Reviewed Abstracts

1. Dick TB, Watson MH, Milano CA, Felker GM, Hernandez AF, **Dev S**, Rosenberg P, Rogers JG. Comparison of Early and Late Calcineurin Inhibitor Initiation after Basiliximab Induction in Heart Transplantation. *J Heart Lung Transplant.* 1/2009; 28(2).
2. **Dev S**, Fiuzat M, O'Connor C, Tassisa G, Rogers JG. "Baseline Characteristics and Outcomes of Patients Who Do Not Desire Resuscitation: An Analysis of the ESCAPE Trial." *J Card Fail* 15(6): S90-S91.
3. **Dev S**, R. Clare, et al. "The Association of Do-Not-Resuscitate Preference With Quality of Life Preference and Mortality in Patients in the ESCAPE Trial." *J Card Fail* 16(8): S103.
4. Shirolkar SC, Felker GM, Stevens SR, Blackwell MP, Thompson SL, Rogers JG, O'Connor CM, **Dev S**. Ultrafiltration is Associated with Worsening Renal Function, and Electrolyte Abnormalities in Patients with Diuretic Refractory Heart Failure and Renal Dysfunction. *J Card Fail*;17:S96.
5. Parrington DJ, Saremi A, Girotra SV, **Dev S**, Oh C, Scott CL, Migrino RQ. Quantification of LVEF $\leq$ 35% misclassification by 2D-echocardiography as compared to cardiac magnetic resonance in coronary artery disease: implications for AICD therapy. *Journal of Cardiovascular Magnetic Resonance* 02/2012; 14 Suppl 1:P212.
6. **Dev S**, Wang Y, Varosy PD, Curtis JP, Masoudi FA. Prevalence and Temporal Trends of Antiarrhythmic Use among ICD Recipients: Findings from the NCDR. *Circulation* 2012; 126:A13650.
7. Urbine, TF, Schwenke DC, Wu W, **Dev S**. ICD9 Coding of Hyperkalemia Greatly Underestimates Incidence of Lab-Defined Hyperkalemia in Veterans with Heart Failure. *J Card Fail* 2013;19(8): S32.

8. **Dev S**, Lacy ME, Masoudi F, Wu WC. Patient Characteristics Associated with Appropriate Use of Aldosterone Antagonists in a National Cohort of Veterans Hospitalized with Heart Failure. *Circ Cardiovasc Qual Outcomes*. 2014;7:A158.
9. Urbine TF, Schwenke DC, Wu W-C, **Dev S**. Patient Characteristics Associated with Serious Hyperkalemia in Veterans after Hospital Discharge with Heart Failure. *Journal of Cardiac Failure*. 2014/08/27;20(8):S101.
10. Chauhan VR, **Dev S**, Pham M, Lin S, Heidenreich P. Abstract 13079: Variation in Laboratory Monitoring After Initiation of a Mineralocorticoid Receptor Antagonist in Patients With Heart Failure. *Circulation*. 2014.;130 (Suppl 2):A13079.
11. **Dev S**, Hoffman T, Kavalieratos D, Schwenke D, Heidenreich P, Wu WC, Tracy S. Barriers to Adoption and Monitoring of Mineralocorticoid Receptor Antagonists in a VA Medical Center. *J of Amer Coll Cardiology*. 2015; 65(10\_S)
12. **Dev S**, Williams KE, Hatseras HM, Weyer M, Hepfinger SS, Biehl-Judge NY, Wu WC. Abstract 131: Shared Medical Appointments for Heart Failure Patients Improve Cardiac Health Status. *Circulation: Cardiovascular Quality and Outcomes* 2015;8:A131.
13. **Dev S**, Taveira TH, Allen SM, Cohen LB, Urbine TF, Rumsfeld JS, Heidenreich PA , Grady KL, Wu WC. Group Medical Visits versus Usual Care in Heart Failure: Clinical Trial Design & Rationale. *Circ Cardiovasc Qual Outcomes*. 2016;9:A104
14. Marshall V, Stevenson L, Shell-Boyd J, Hearn R, Gee J, Schaub K, LaForest S, **Dev S**, Ball S. A Triadic Approach to Managing Heart Failure Using Group Medical Visits: Qualitative Analysis. *Circulation*. 2018. Volume 138, Issue Suppl\_1
15. **Dev, S**, Fawcett J, Wu WC, Schwenke DC. Impact of an Early HF Discharge Follow-up Intervention on 30-Day Outcomes in a Veterans Hospital. *Circulation: Cardiovascular Quality and Outcomes* 2019;8:A131.

### Awarded Grants and Contracts

#### Federal

7/2015-3/2018	VA HSR&D	‘Group Medical Visits in Heart Failure for Post-Hospitalization Follow-Up’ (PI: Wu, role: co-investigator) \$500,000, 25% effort
4/2013-3/2015	VA HSR&D	“Pre-implementation Study of Spironolactone Appropriateness and Monitoring”: PI: Dev \$100,000 direct costs, 25% effort.



7/2010-7/2013            NIH/NINR            “Palliative Research Consortium”  
 (PI Abernethy, role: co-investigator) co-I, \$18,000.  
 5% effort.

Private Foundation

11/2011-2016 Carl T. Hayden            “Hyperkalemia in Veterans with Heart Failure”  
 Foundation            Dev, PI, \$10,000 direct costs, 10% effort.

**List of Collaborators and their Organizational Affiliations**

Ball, Sherry. Cleveland VA Medical Center  
 Guzman, Jenice. Southern Arizona VA Health Care System.  
 Fawcett, Janet. Phoenix VA Health Care System  
 Koskan, Alexis. Arizona State University  
 Stecher, Chad. Arizona State University  
 Selzer, Ryan. Arizona State University  
 Shah, Nishant. Providence VA Health Care System  
 Schwenke, Dawn. Southern Arizona VA Health Care System  
 Wu, Wen-Chih. Providence VA Health Care System

Sections 4 and 5 are true and accurate statements of my activities and accomplishments. I understand that misrepresentation in securing tenure and promotion may lead to dismissal or suspension under ABOR Policy 6-201 J.

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Sandesh Dev