

CURRICULUM VITAE

Elliott Miller, MD, MHS

Version Date: 3/21/2025

Contact Information:

Address Yale University, Section of Cardiovascular Medicine
789 Howard Avenue, Ste 338
New Haven, CT 06519
Phone: 1 (330) 417-6228
Email: elliott.miller@yale.edu

School: Yale School of Medicine

Education:

08/2005 - 05/2008 BS, University of North Carolina at Chapel Hill, Chapel Hill, NC
08/2008 - 05/2012 MD, Georgetown University, Washington, DC
07/2019 - 06/2021 MHS, Yale University, New Haven, CT

Career/Academic Appointments:

07/2012 - 06/2015 Internal Medicine Residency, Johns Hopkins Hospital, Baltimore, MD
07/2015 - 06/2016 Instructor of Medicine, Internal Medicine, Johns Hopkins Hospital, Baltimore, MD
07/2016 - 06/2017 Critical Care Medicine Fellow, Critical Care Medicine, National Institutes of Health, Bethesda, MD
07/2017 - 06/2020 Clinical Fellow, Cardiology (Medicine), Yale School of Medicine, New Haven, CT
07/2017 - 06/2020 Cardiovascular Medicine Fellow, Cardiology, Yale University, New Haven, CT
07/2019 - 05/2021 NCSP Research Fellow, Yale University, New Haven, CT
07/2020 - 06/2021 Instructor, Cardiology (Medicine), Yale School of Medicine, New Haven, CT
07/2020 - 06/2021 Postdoctoral Fellow, General Medicine, Yale School of Medicine, New Haven, CT
07/2021 - 06/2027 Assistant Professor, Cardiology (Medicine), Yale School of Medicine, New Haven, CT

Administrative Positions:

2013 - 2015 Feedback Committee, Internal Medicine, Johns Hopkins Hospital, Baltimore, MD
2015 - 2016 Residency Selection Member, Internal Medicine, Johns Hopkins Hospital, Baltimore, MD
2021 Associate Medical Director, Cardiac Intensive Care Unit, Yale School of Medicine, New Haven, CT

2022 - Present Medical Director, Cardiac Intensive Care Unit, Yale School of Medicine, New Haven, CT
2022 - Present Firm Chief, CICU, Internal Medicine, Yale School of Medicine, New Haven, CT

Board Certification:

2015 - 2024 AB of Internal Medicine, Internal Medicine
2020 - 2024 AB of Internal Medicine, Cardiovascular Disease
2021 - 2024 AB of Internal Medicine, Critical Care Medicine (Internal Medicine)

Professional Honors & Recognition:

International/National/Regional

2011 Alpha Omega Alpha, Alpha Omega Alpha Honor Medical Society
2012 William P. Argy Award, Georgetown University School of Medicine
2014 Osler Housestaff Research Award, Johns Hopkins Hospital
2015 Resident/Fellow National Clinical Research Winner, American College of Physicians (ACP)
2016 NIH Loan Repayment, National Institutes of Health
2019 Emerging Investigator, Circulation: Heart Failure
2019 Cournand and Comroe Early Career Investigator Finalist, American Heart Association
2023 First Place Conference Research Prize, European Heart Society - Acute Cardiovascular Care
2024 Top 5 Review of 2023, JACC: Advances

Yale University/Yale School of Medicine/Hospital System

2022 Fred S. Kantor Internal Medicine Teacher of the Year Award, Yale School of Medicine
2024 Francis Gilman Blake School of Medicine Teacher of the Year Award, Yale School of Medicine

Grants/Clinical Trials History:

Current Clinical Trials

Agencies: Yale University School of Medicine
I.D.#: 1506016080REG
Title: Multimodal Outcome CHAracterization (MOCHA) in comatose cardiac arrest patients
P.I.: Rachel Beekman
Role: Sub-Investigator
Percent effort: N/A
Total costs: -
Project period: 01/01/2004 - ongoing

Agencies: University of Michigan
 I.D.#: 2000028905
 Title: Influence of Cooling Duration on Efficacy in Cardiac Arrest Patients - A Multicenter, Randomized, Adaptive Clinical Trial to Identify the Optimal Duration of Induced Hypothermia for Neuroprotection in Comatose Survivors of Cardiac Arrest (ICECAP)
 P.I.: Rachel Beekman
 Role: Sub-Investigator
 Percent effort: N/A
 Total costs: -
 Project period: 11/23/2020 - ongoing

Agencies: Yale University School of Medicine
 I.D.#: 2000032567
 Title: Extubation Echo Parameters for Patients with Heart Failure with Reduced Ejection Fraction in the Cardiac Intensive Care Unit
 P.I.: Elliott Miller
 Role: Principal Investigator
 Percent effort: N/A
 Total costs: -
 Project period: 07/07/2022 - ongoing

Past Grants

Agency: National Center for Advancing Translational Science (NCATS), a component of the National Institutes of Health (NIH)
 I.D.#: TL1 TR001864
 Title: Yale National Clinician Scholars Program
 P.I.: Cantley, Lloyd
 Role: Research Fellow
 Percent effort: N/A
 Total costs: \$96,195.00
 Project period: 07/01/2020 - 06/30/2021

Past Clinical Trials

Agencies: Zoll Foundation
 I.D.#: 2000028970
 Title: Assessing Synaptic Density in Cardiac Arrest Survivors Using [11C]UCB-J PET: a Pilot Study
 P.I.: Rachel Beekman
 Role: Sub-Investigator
 Percent effort: N/A
 Total costs: -

Project period: 11/18/2020 - 07/27/2023

Pending Clinical Trials

Agencies: Yale University School of Medicine
I.D.#: 2000038572
Title: The EXTUBATE-HF Trial A Prospective Randomized Controlled Trial Comparing High-Flow Nasal Cannula Versus Noninvasive Ventilation on Reintubation and Post-Extubation Respiratory Failure in High-Risk Patients with Systolic Heart Failure
P.I.: Elliott Miller
Role: Principal Investigator
Percent effort: N/A
Total costs: -
Project period: 12/04/2024 - ongoing

Invited Speaking Engagements, Presentations & Workshops Not Affiliated With Yale: International/National

1. "Critical Care Cardiology: The Why; The Where; and The How.". American College of Cardiology Scientific Sessions, American College of Cardiology Scientific Sessions 2018, Orlando, FL, January 2018. (Lecture)
2. "Practical Knowledge for the CICU". NYU, Critical Care Cardiology Symposium 2021, International symposium on critical care cardiology., November 2021. (Oral Presentation)
3. "Beyond the Heart: How to Manage Respiratory, Renal and Multisystem Failure in the Critically Ill Cardiac Patient". Sponsored by Zoll, Critical Care Cardiology Virtual Summit: Optimizing Care in Today's CICU, Three day conference detailing advances in critical care cardiology., March 2022. (Lecture)
4. "FDA Town Hall 5: The Conundrum of Cardiogenic Shock Trials – Complexities in Design and Execution". Transcatheter Cardiovascular Therapeutics (TCT), Transcatheter Cardiovascular Therapeutics (TCT) Conference 2022, Boston, MA, September 2022. (Oral Presentation)
5. "Developing a Research Program in Your CICU". NYU, Critical Care Cardiology Symposium 2022, New York, NY, October 2022. (Other)
6. "Mechanical ventilation strategies in acute right heart failure". American Heart Association, American Heart Association Scientific Sessions 2022, Chicago, IL, November 2022. (Lecture)
7. "After the Device Goes In, What's Next? Keys to Successfully Transitioning the Patient to the Cardiac ICU". SCAI Shock 2023, Dallas, TX, October 2023. (Oral Presentation)
8. "The Cardiogenic Shock Team". SCAI Shock 2023, Dallas, TX, October 2023. (Other)
9. "The Shock ICU". SCAI Shock 2023, Dallas, TX, October 2023. (Other)
10. "Post Cardiotomy Emergencies". Critical Care Cardiology Symposium 2023, New York, NY, October 2023. (Lecture)
11. "Mechanical Ventilation in single ventricle physiology and cyanotic heart disease: does anything change?". American Heart Association Scientific Sessions 2023, Philadelphia, PA, November 2023. (Oral Presentation)

12. "Critical Care Cardiology Simulation Stations POCUS". American Heart Association Scientific Sessions 2023, Philadelphia, PA, November 2023. (Demonstration)
13. "Critical Care Cardiology Simulation Stations Hemodynamics - Pulmonary Artery Catheter". American Heart Association Scientific Sessions 2023, Philadelphia, PA, November 2023. (Demonstration)
14. "Pulmonary Hypertension in the Pregnant Patient". ACC'S RH and Cardio-OB Webinar, ACC Webinar, January 2024. (Lecture)
15. "Cardio-Protective Ventilation During VA-ECMO: "Fact or Fiction?"". ACC Scientific Sessions 2024, Atlanta, GA, April 2024. (Lecture)
16. "CCC Training Fellowship Design, the Application Process, and Things to Consider for Job Preparation". Critical Care Cardiology Education Summit, Minneapolis, MN, May 2024. (Other)
17. "Critical Care Cardiology Education". Critical Care Cardiology Education Summit, Minneapolis, MN, May 2024. (Lecture)
18. "Basic Concepts of Mechanical Ventilation in the CICU - We all live in the same thorax!". NYU Critical Care Symposium 2024, New York, NY, October 2024. (Oral Presentation)
19. "Expert Faculty Impella Heart Pump Device". 2024 AHA Scientific Sessions, Chicago, IL, November 2024. (Demonstration)
20. "Cardiogenic Shock Masterclass - Expert Faculty Initial Assessment". 2024 AHA Scientific Sessions, Chicago, IL, November 2024. (Oral Presentation)
21. "Cardiogenic Shock Masterclass - Expert Faculty Debrief". 2024 AHA Scientific Sessions, Chicago, IL, November 2024. (Lecture)
22. "Epidemiological clinical trials – Ways to overcome selection bias.". Epidemiological vs. randomised clinical trials in acute cardiovascular care: interpreting and understanding new designs, European Society of Cardiology webinar series., February 2025. (Lecture)
23. "Machine troubleshooting: Hemodynamic monitoring". European Heart Society Acute Cardiovascular Care 2025, Florence, Tuscany, March 2025. (Lecture)
24. "Cardiogenic Shock Escape Game". European Heart Society Acute Cardiovascular Care 2025, Florence, Tuscany, March 2025. (Demonstration)

Regional

1. "Clinical Outcomes and Cost Associated With an Intravascular Microaxial Left Ventricular Assist Device vs Intra-aortic Balloon Pump in Patients Presenting With Acute Myocardial Infarction Complicated by Cardiogenic Shock". Inova Heart and Vascular Institute, Inova Cardiovascular Fellows' Journal Club, Invited guest to discuss my recent publication in JAMA Internal Medicine., July 2022. (Lecture)
2. "Cardiogenic Shock and Mechanical Circulatory Support". Norwalk Resident Noon Conference, Norwalk, CT, September 2023. (Lecture)

Peer-Reviewed Presentations Given at Meetings Not Affiliated With Yale:

International/National

1. Incidence and outcomes for patients presenting with heart failure and requiring respiratory support.. American Heart Association Scientific Sessions, American Heart Association Scientific Sessions 2018, Chicago, IL, January 2018. (Oral Presentation)

2. **Miller E** . Respiratory Support as a Shock Stage Modifier in Patients with Cardiogenic Shock. European Heart Society Acute CardioVascular Care 2025, Florence, Tuscany, March 2025. (Oral Presentation)

Regional

1. Arterial remodeling in patients with HIV: a multicenter AIDS cohort study (MACS) substudy.. American College of Physicians - Maryland Chapter, Maryland American College of Physicians Resident Meeting, Baltimore, MD, January 2014. (Oral Presentation)

Professional Service:

Advisory Boards

2021 - Present Editorial Board, JACC: Advances, Journal of the American College of Cardiology

Journal Services

Editorial boards

2024 - Present Editorial Consultant, JACC

2025 - Present Associate Editor, Journal of Cardiac Failure - Intersections

Reviewer

2014 - Present Reviewer, Circulation

2014 - Present Reviewer, American Journal of Cardiology

2017 - Present Reviewer, American Heart Journal

2019 - Present Reviewer, European Journal of Acute Cardiovascular Care

2020 - Present Reviewer, Journal of the American Heart Association

2020 - Present Reviewer, Journal of the American College of Cardiology

2020 - Present Reviewer, JACC Heart Failure

2020 - Present Reviewer, AHA Scientific Statements

2021 - Present Reviewer, Journal of Cardiac Failure

2022 - Present Reviewer, European Heart Journal

2022 - Present Reviewer, JACC: Advances

2022 - Present Reviewer, Journal of Intensive Care Medicine

2023 - Present Reviewer, CHEST Critical Care

2023 - Present Reviewer, American Journal of Respiratory and Critical Care Medicine

Professional Organizations

ACC Cardiac Critical Care Working Group

2017 - Present Committee Member, ACC Cardiac Critical Care Working Group

ACC Critical Care Cardiology Council Research & Publications Taskforce

2022 - Present Co-Chair, ACC Critical Care Cardiology Council Research & Publications Taskforce

ACC Critical Care Cardiology Leadership Council

2023 - Present Member, ACC Critical Care Cardiology Leadership Council

American College of Cardiology

2012 - Present Member, American College of Cardiology

American Heart Association

2012 - Present Member, American Heart Association

Critical Care Cardiology Trials Network

2018 - Present Investigator, Critical Care Cardiology Trials Network

Society of Critical Care Cardiology

2024 - Present Executive Board Member, Society of Critical Care Cardiology, Invited to be on the inaugural executive board (1/5) of the first and only Society dedicated to Critical Care Cardiology.

Yale University / Hospital System

University

2021 - Present Member, Core Fellowship Selection Committee

2022 - Present Member, ACGME Core Faculty

Medical School

2022 - Present Firm Chief, CICU Firm Chief

Department

2022 - Present Committee Member, Intern Selection Committee

Hospital

2019 - Present Committee Member, Cardiac Arrest (TTM) Committee

2019 - 2020 Committee Member, Cardiac Arrest Bundle Committee

2020 - Present Committee Member, ICU Leadership Committee

2021 - Present Committee Member, Code and Rapid Response Committee

2022 - Present Board of Directors, ELSO Steering Committee for the ELSO Center of Excellence

Public Service / Media Presence

Public Service

2005 - 2008 Founder, Project HEAL, Project Heal is a 501(c)3 non-profit organization, which shipped over thousands of pounds of medical supplies donated from the Cleveland Clinic's WedWish International program. Today, it remains a student group at UNC under the Campus Y (center for social justice), which continues to send yearly service trips to Ghana. After I left, the non-profit wing became MedPLUS Connect, and has since shipped over 97,000 pounds of medical supplies.

Bibliography:

Peer-Reviewed Original Research

1. **Miller PE** , Budoff M, Zikusoka M, Li X, Palella F, Kingsley LA, Witt MD, Sharrett AR, Jacobson LP, Post WS. Comparison of Racial Differences in Plaque Composition and Stenosis Between HIV-Positive and HIV-Negative Men from the Multicenter AIDS Cohort Study. The American Journal Of Cardiology 2014, 114: 369-375. [PMID: 24929623](#) , [PMCID: PMC4143765](#) , [DOI: 10.1016/j.amjcard.2014.04.049](#) .
2. **Miller PE** , Haberlen SA, Metkus T, Rezaeian P, Palella F, Kingsley LA, Witt MD, George RT, Jacobson LP, Brown TT, Budoff M, Post WS. HIV and coronary arterial remodeling from the Multicenter AIDS Cohort Study (MACS). Atherosclerosis 2015, 241: 716-722. [PMID: 26132282](#) , [PMCID: PMC4509808](#) , [DOI: 10.1016/j.atherosclerosis.2015.06.022](#) .
3. **Miller PE** , Martin SS, Toth PP, Santos RD, Blaha MJ, Nasir K, Virani SS, Post WS, Blumenthal RS, Jones SR. Screening and advanced lipid phenotyping in familial hypercholesterolemia: The Very Large Database of Lipids Study-17 (VLDL-17). Journal Of Clinical Lipidology 2015, 9: 676-683. [PMID: 26350814](#) , [DOI: 10.1016/j.jacl.2015.06.015](#) .
4. **Miller PE** , Martin SS, Joshi PH, Jones SR, Massaro JM, D'Agostino R, Sponseller CA, Toth PP. Pitavastatin 4 mg Provides Significantly Greater Reduction in Remnant Lipoprotein Cholesterol Compared With Pravastatin 40 mg: Results from the Short-term Phase IV PREVAIL US Trial in Patients With Primary Hyperlipidemia or Mixed Dyslipidemia. Clinical Therapeutics 2016, 38: 603-609. [PMID: 26922296](#) , [DOI: 10.1016/j.clinthera.2016.02.001](#) .
5. Rezaeian P, **Miller PE** , Haberlen SA, Razipour A, Bahrami H, Castillo R, Witt MD, Kingsley L, Palella FJ, Nakanishi R, Matsumoto S, Alani A, Jacobson LP, Post WS, Budoff MJ. Extra-coronary calcification (aortic valve calcification, mitral annular calcification, aortic valve ring calcification and thoracic aortic calcification) in HIV seropositive and seronegative men: Multicenter AIDS Cohort Study. Journal Of Cardiovascular Computed Tomography 2016, 10: 229-236. [PMID: 26949197](#) , [PMCID: PMC4893917](#) , [DOI: 10.1016/j.jcct.2016.02.002](#) .
6. **Miller PE** , Haberlen SA, Brown TT, Margolick JB, DiDonato JA, Hazen SL, Witt MD, Kingsley LA, Palella FJ, Budoff M, Jacobson LP, Post WS, Sears CL. Brief Report. JAIDS Journal Of Acquired Immune Deficiency Syndromes 2016, 72: 114-118. [PMID: 26825179](#) , [PMCID: PMC4836953](#) , [DOI: 10.1097/qai.0000000000000937](#) .
7. **Miller PE** , Zhao D, Frazier-Wood AC, Michos ED, Averill M, Sandfort V, Burke GL, Polak JF, Lima JAC, Post WS, Blumenthal RS, Guallar E, Martin SS. Associations of Coffee, Tea, and Caffeine Intake with Coronary Artery Calcification and Cardiovascular Events. The American Journal Of Medicine

- 2016, 130: 188-197.e5. [PMID: 27640739](#) , [PMCID: PMC5263166](#) , [DOI: 10.1016/j.amjmed.2016.08.038](#) .
8. **Miller PE** , Houston BA, Schneider AL, Bush AL, Whitman GJ, Stevens GR, Tedford RJ, Russell SD. Associations of Preimplant Red Blood Cell Distribution Width with Clinical Outcomes Among Individuals with Left Ventricular Assist Devices. *ASAIO Journal* 2016, 62: 677-683. [PMID: 27798492](#) , [DOI: 10.1097/mat.0000000000000431](#) .
 9. Houston BA, Schneider AL, Vaishnav J, Cromwell DM, **Miller PE** , Faridi KF, Shah A, Sciortino C, Whitman G, Tedford RJ, Stevens GR, Judge DP, Russell SD, Rouf R. Angiotensin II antagonism is associated with reduced risk for gastrointestinal bleeding caused by arteriovenous malformations in patients with left ventricular assist devices. *The Journal Of Heart And Lung Transplantation* 2016, 36: 380-385. [PMID: 28169115](#) , [DOI: 10.1016/j.healun.2016.12.016](#) .
 10. Joshi PH, **Miller PE** , Martin SS, Jones SR, Massaro JM, D'Agostino R, Kulkarni KR, Sponseller C, Toth PP. Greater remnant lipoprotein cholesterol reduction with pitavastatin compared with pravastatin in HIV-infected patients. *AIDS* 2017, 31: 965-971. [PMID: 28121706](#) , [DOI: 10.1097/gad.0000000000001423](#) .
 11. Almahmoud MF, Soliman EZ, Bertoni AG, Kestenbaum B, Katz R, Lima JAC, Ouyang P, **Miller PE** , Michos ED, Herrington DM. Fibroblast Growth Factor-23 and Heart Failure With Reduced Versus Preserved Ejection Fraction: MESA. *Journal Of The American Heart Association* 2018, 7: e008334. [PMID: 30371180](#) , [PMCID: PMC6222949](#) , [DOI: 10.1161/jaha.117.008334](#) .
 12. **Miller PE** , Pawar S, Vaccaro B, McCullough M, Rao P, Ghosh R, Warier P, Desai NR, Ahmad T. Predictive Abilities of Machine Learning Techniques May Be Limited by Dataset Characteristics: Insights From the UNOS Database. *Journal Of Cardiac Failure* 2019, 25: 479-483. [PMID: 30738152](#) , [DOI: 10.1016/j.cardfail.2019.01.018](#) .
 13. **Miller PE** , Guha A, Khera R, Chouairi F, Ahmad T, Nasir K, Addison D, Desai NR. National Trends in Healthcare-Associated Infections for Five Common Cardiovascular Conditions. *The American Journal Of Cardiology* 2019, 124: 1140-1148. [PMID: 31371062](#) , [PMCID: PMC7883647](#) , [DOI: 10.1016/j.amjcard.2019.06.029](#) .
 14. **Miller PE** , Patel S, Saha A, Guha A, Pawar S, Poojary P, Ratnani P, Chan L, Kamholz SL, Alviar CL, van Diepen S, Nasir K, Ahmad T, Nadkarni GN, Desai NR. National Trends in Incidence and Outcomes of Patients With Heart Failure Requiring Respiratory Support. *The American Journal Of Cardiology* 2019, 124: 1712-1719. [PMID: 31585698](#) , [DOI: 10.1016/j.amjcard.2019.08.033](#) .
 15. Berg DD, Barnett CF, Kenigsberg BB, Papolos A, Alviar CL, Baird-Zars VM, Barsness GW, Bohula EA, Brennan J, Burke JA, Carnicelli AP, Chaudhry SP, Cremer PC, Daniels LB, DeFilippis AP, Gerber DA, Granger CB, Hollenberg S, Horowitz JM, Gladden JD, Katz JN, Keeley EC, Keller N, Kontos MC, Lawler PR, Menon V, Metkus TS, **Miller PE** , Nativi-Nicolau J, Newby LK, Park JG, Phreaner N, Roswell RO, Schulman SP, Sinha SS, Snell RJ, Solomon MA, Teuteberg JJ, Tymchak W, van Diepen S, Morrow DA. Clinical Practice Patterns in Temporary Mechanical Circulatory Support for Shock in the Critical Care Cardiology Trials Network (CCCTN) Registry. *Circulation Heart Failure* 2019, 12: e006635. [PMID: 31707801](#) , [PMCID: PMC7008928](#) , [DOI: 10.1161/circheartfailure.119.006635](#) .
 16. **Miller PE** , Caraballo C, Ravindra NG, Mezzacappa C, McCullough M, Gruen J, Levin A, Reinhardt S, Ali A, Desai NR, Ahmad T. Clinical Implications of Respiratory Failure in Patients Receiving Durable Left Ventricular Assist Devices for End-Stage Heart Failure. *Circulation Heart Failure* 2019, 12: e006369. [PMID: 31707800](#) , [DOI: 10.1161/circheartfailure.119.006369](#) .

17. Caraballo C, DeFilippis EM, Nakagawa S, Ravindra NG, **Miller PE**, Mezzacappa C, McCullough M, Gruen J, Levin A, Reinhardt S, Mullan C, Ali A, Maurer MS, Desai NR, Ahmad T, Topkara VK. Clinical Outcomes After Left Ventricular Assist Device Implantation in Older Adults An INTERMACS Analysis. *JACC Heart Failure* 2019, 7: 1069-1078. [PMID: 31779930](#) , [DOI: 10.1016/j.jchf.2019.10.004](#) .
18. Owusu-Guha J, Guha A, **Miller PE** , Pawar S, Dey AK, Ahmad T, Attar H, Awan FT, Mitchell D, Desai NR, Addison D. Contemporary utilization patterns and outcomes of thrombolytic administration for ischemic stroke among patients with cancer. *International Journal Of Stroke* 2019, 16: 150-162. [PMID: 31868139](#) , [PMCID: PMC7924729](#) , [DOI: 10.1177/1747493019895709](#) .
19. McCullough M, Caraballo C, Ravindra NG, **Miller PE** , Mezzacappa C, Levin A, Gruen J, Rodwin B, Reinhardt S, van Dijk D, Ali A, Ahmad T, Desai NR. Neurohormonal Blockade and Clinical Outcomes in Patients With Heart Failure Supported by Left Ventricular Assist Devices. *JAMA Cardiology* 2020, 5: 175-182. [PMID: 31738366](#) , [PMCID: PMC6865330](#) , [DOI: 10.1001/jamacardio.2019.4965](#) .
20. Guha A, McKinley G, Dey AK, Carter R, **Miller PE** , Deshmukh AJ, Zaghlor R, Barac A, Desai NR, Addison D. The effect of catheter-directed thrombolytic use on readmission rates and in-hospital outcomes among cancer patients with venous thromboembolism in the United States. *Journal Of Cardiac Surgery* 2020, 35: 609-611. [PMID: 32017181](#) , [PMCID: PMC7860638](#) , [DOI: 10.1111/jocs.14444](#) .
21. Giménez M, **Miller PE** , Alviar CL, van Diepen S, Granger CB, Montalescot G, Windecker S, Maier L, Serpytis P, Serpytis R, Oldroyd KG, Noc M, Fuernau G, Huber K, Sandri M, de Waha-Thiele S, Schneider S, Ouarrak T, Zeymer U, Desch S, Thiele H. Outcomes Associated with Respiratory Failure for Patients with Cardiogenic Shock and Acute Myocardial Infarction: A Substudy of the CULPRIT-SHOCK Trial. *Journal Of Clinical Medicine* 2020, 9: 860. [PMID: 32245139](#) , [PMCID: PMC7141492](#) , [DOI: 10.3390/jcm9030860](#) .
22. Metkus TS, **Miller PE** , Stephens RS, Schulman SP, Eid SM. Incidence, Predictors, and Outcomes of Failure of Noninvasive Ventilation in Acute Heart Failure Hospitalization. *Respiratory Care* 2020, 65: 1527-1533. [PMID: 32398254](#) , [DOI: 10.4187/respcare.07661](#) .
23. Mullan C, Caraballo C, Ravindra NG, **Miller PE** , Mori M, McCullough M, Clarke JD, Anwer M, Velazquez EJ, Geirsson A, Desai NR, Ahmad T. Clinical impact of concomitant tricuspid valve procedures during left ventricular assist device implantation. *The Journal Of Heart And Lung Transplantation* 2020, 39: 926-933. [PMID: 32593561](#) , [DOI: 10.1016/j.healun.2020.05.007](#) .
24. Vallabhajosyula S, Dunlay SM, Barsness GW, **Miller P** , Cheungpasitporn W, Stulak JM, Rihal CS, Holmes DR, Bell MR, Miller VM. Sex Disparities in the Use and Outcomes of Temporary Mechanical Circulatory Support for Acute Myocardial Infarction-Cardiogenic Shock. *CJC Open* 2020, 2: 462-472. [PMID: 33305205](#) , [PMCID: PMC7710954](#) , [DOI: 10.1016/j.cjco.2020.06.001](#) .
25. Mullan C, Caraballo C, Ravindra NG, **Miller PE** , McCullough M, Brown K, Aw TW, Gruen J, Clarke JD, Velazquez EJ, Geirsson A, Mori M, Desai NR, Ahmad T. Psychiatric Comorbidity and Outcomes After Left Ventricular Assist Device Implantation for End-Stage Heart Failure. *JACC Heart Failure* 2020, 8: 569-577. [PMID: 32535119](#) , [DOI: 10.1016/j.jchf.2020.03.011](#) .
26. Vallabhajosyula S, Patlolla SH, **Miller PE** , Cheungpasitporn W, Jaffe AS, Gersh BJ, Holmes DR, Bell MR, Barsness GW. Weekend Effect in the Management and Outcomes of Acute Myocardial Infarction in the United States, 2000-2016. *Mayo Clinic Proceedings Innovations Quality & Outcomes* 2020, 4: 362-372. [PMID: 32793864](#) , [PMCID: PMC7411160](#) , [DOI: 10.1016/j.mayocpiqo.2020.02.004](#) .

27. Vallabhajosyula S, Dunlay SM, Bell MR, **Miller PE**, Cheungpasitporn W, Sundaragiri PR, Kashani K, Gersh BJ, Jaffe AS, Holmes DR, Barsness GW. Epidemiological Trends in the Timing of In-Hospital Death in Acute Myocardial Infarction-Cardiogenic Shock in the United States. *Journal Of Clinical Medicine* 2020, 9: 2094. [PMID: 32635255](#) , [PMCID: PMC7408956](#) , [DOI: 10.3390/jcm9072094](#) .
28. Gruen J, Caraballo C, **Miller PE**, McCullough M, Mezzacappa C, Ravindra N, Mullan CW, Reinhardt SW, Mori M, Velazquez E, Geirsson A, Ahmad T, Desai NR. Sex Differences in Patients Receiving Left Ventricular Assist Devices for End-Stage Heart Failure. *JACC Heart Failure* 2020, 8: 770-779. [PMID: 32653446](#) , [DOI: 10.1016/j.jchf.2020.04.015](#) .
29. Guha A, Dey AK, McKinley G, Carter RR, **Miller PE**, Deshmukh AJ, Zaghlol R, Barac A, Desai NR, Addison D. Readmission after inferior vena cava filter placement for acute venous thromboembolism in the United States: Impact of a cancer diagnosis. *Journal Of Cardiac Surgery* 2020, 35: 2275-2278. [PMID: 32696998](#) , [DOI: 10.1111/jocs.14820](#) .
30. Chouairi F, Vallabhajosyula S, Mullan C, Mori M, Geirsson A, Desai NR, Ahmad T, **Miller PE** . Transition to Advanced Therapies in Elderly Patients Supported by Extracorporeal Membrane Oxygenation Therapy. *Journal Of Cardiac Failure* 2020, 26: 1086-1089. [PMID: 32777479](#) , [DOI: 10.1016/j.cardfail.2020.07.019](#) .
31. Metkus TS, **Miller PE** , Alviar CL, Baird-Zars VM, Bohula EA, Cremer PC, Gerber DA, Jentzer JC, Keeley EC, Kontos MC, Menon V, Park JG, Roswell RO, Schulman SP, Solomon MA, van Diepen S, Katz JN, Morrow DA. Advanced Respiratory Support in the Contemporary Cardiac ICU. *Critical Care Explorations* 2020, 2: e0182. [PMID: 33235999](#) , [PMCID: PMC7678799](#) , [DOI: 10.1097/ccx.0000000000000182](#) .
32. Caraballo C, McCullough M, Fuery MA, Chouairi F, Keating C, Ravindra NG, **Miller PE** , Malinis M, Kashyap N, Hsiao A, Wilson FP, Curtis JP, Grant M, Velazquez EJ, Desai NR, Ahmad T. COVID-19 infections and outcomes in a live registry of heart failure patients across an integrated health care system. *PLOS ONE* 2020, 15: e0238829. [PMID: 32997657](#) , [PMCID: PMC7526909](#) , [DOI: 10.1371/journal.pone.0238829](#) .
33. **Miller PE** , Thomas A, Breen TJ, Chouairi F, Kunitomo Y, Aslam F, Damluji AA, Anavekar NS, Murphy JG, van Diepen S, Barsness GW, Brennan J, Jentzer J. Prevalence of Noncardiac Multimorbidity in Patients Admitted to Two Cardiac Intensive Care Units and Their Association with Mortality. *The American Journal Of Medicine* 2020, 134: 653-661.e5. [PMID: 33129785](#) , [PMCID: PMC8079541](#) , [DOI: 10.1016/j.amjmed.2020.09.035](#) .
34. Guha A, Dey AK, Al-Kindi S, **Miller PE** , Ghosh AK, Banerjee A, Lopez-Mattei J, Desai NR, Patel B, Oliveira GH, de Lima M, Fradley M, Addison D. Socio-Economic Burden of Myocardial Infarction Among Cancer Patients. *The American Journal Of Cardiology* 2020, 141: 16-22. [PMID: 33217349](#) , [PMCID: PMC8406452](#) , [DOI: 10.1016/j.amjcard.2020.11.005](#) .
35. Mezzacappa C, Ravindra NG, Caraballo C, Chouairi F, **Miller PE** , Clarke JD, Gruen J, Mori M, McCullough M, Mullan C, Geirsson A, Rogers JG, Anwer M, Desai N, Ahmad T. Clinical implications of differences between real world and clinical trial usage of left ventricular assist devices for end stage heart failure. *PLOS ONE* 2020, 15: e0242928. [PMID: 33270648](#) , [PMCID: PMC7714148](#) , [DOI: 10.1371/journal.pone.0242928](#) .
36. **Miller PE** , Chouairi F, Thomas A, Kunitomo Y, Aslam F, Canavan ME, Murphy C, Daggula K, Metkus T, Vallabhajosyula S, Carnicelli A, Katz JN, Desai NR, Ahmad T, Velazquez EJ, Brennan J. Transition From an Open to a Closed Staffing Model in the Cardiac Intensive Care Unit Improves Clinical

- Outcomes. Journal Of The American Heart Association 2021, 10: e018182. [PMID: 33412899](#) , [PMCID: PMC7955420](#) , [DOI: 10.1161/jaha.120.018182](#) .
37. **Miller PE** , Van Diepen S, Metkus TS, Alviar CL, Rayner-Hartley E, Rathwell S, Katz JN, Ezekowitz J, Desai NR, Ahmad T. Association between Respiratory Failure and Clinical Outcomes in Patients with Acute Heart Failure: Analysis of 5 Pooled Clinical Trials. Journal Of Cardiac Failure 2021, 27: 602-606. [PMID: 33556546](#) , [PMCID: PMC8527461](#) , [DOI: 10.1016/j.cardfail.2021.01.018](#) .
 38. Chouairi F, Mullan CW, Sen S, Mori M, Fuery M, Elder RW, Lesse J, Norton K, Clark KA, **Miller PE** , Mulligan D, Formica R, Rogers JG, Jacoby D, Maulion C, Anwer M, Geirsson A, Desai NR, Ahmad T. Impact of the new heart allocation policy on patients with restrictive, hypertrophic, or congenital cardiomyopathies. PLOS ONE 2021, 16: e0247789. [PMID: 33651802](#) , [PMCID: PMC7924739](#) , [DOI: 10.1371/journal.pone.0247789](#) .
 39. Mullan CW, Chouairi F, Sen S, Mori M, Clark KAA, Reinhardt SW, **Miller PE** , Fuery MA, Jacoby D, Maulion C, Anwer M, Geirsson A, Mulligan D, Formica R, Rogers JG, Desai NR, Ahmad T. Changes in Use of Left Ventricular Assist Devices as Bridge to Transplantation With New Heart Allocation Policy. JACC Heart Failure 2021, 9: 420-429. [PMID: 33714748](#) , [DOI: 10.1016/j.jchf.2021.01.010](#) .
 40. Vallabhajosyula S, Verghese D, Bell MR, Murphree DH, Cheungpasitporn W, **Miller P** , Dunlay SM, Prasad A, Sandhu GS, Gulati R, Singh M, Lerman A, Gersh BJ, Holmes DR, Barsness GW. Fibrinolysis vs. primary percutaneous coronary intervention for ST-segment elevation myocardial infarction cardiogenic shock. ESC Heart Failure 2021, 8: 2025-2035. [PMID: 33704924](#) , [PMCID: PMC8120407](#) , [DOI: 10.1002/ehf2.13281](#) .
 41. Jentzer JC, Alviar CL, **Miller PE** , Metkus T, Bennett CE, Morrow DA, Barsness GW, Kashani KB, Gajic O. Trends in Therapy and Outcomes Associated With Respiratory Failure in Patients Admitted to the Cardiac Intensive Care Unit. Journal Of Intensive Care Medicine 2021, 37: 543-554. [PMID: 33759608](#) , [DOI: 10.1177/08850666211003489](#) .
 42. Chouairi F, Pacor J, **Miller PE** , Fuery MA, Caraballo C, Sen S, Leifer ES, Felker GM, Fiuzat M, O'Connor C, Januzzi JL, Friedman DJ, Desai NR, Ahmad T, Freeman JV. Effects of Atrial Fibrillation on Heart Failure Outcomes and NT-proBNP Levels in the GUIDE-IT Trial. Mayo Clinic Proceedings Innovations Quality & Outcomes 2021, 5: 447-455. [PMID: 33997640](#) , [PMCID: PMC8105522](#) , [DOI: 10.1016/j.mayocpiqo.2021.02.005](#) .
 43. Kunitomo Y, Thomas A, Chouairi F, Canavan ME, Kochar A, Khera R, Katz JN, Murphy C, Jentzer J, Ahmad T, Desai NR, Brennan J, **Miller PE** . Electronic health record risk score provides earlier prognostication of clinical outcomes in patients admitted to the cardiac intensive care unit. American Heart Journal 2021, 238: 85-88. [PMID: 33891906](#) , [DOI: 10.1016/j.ahj.2021.04.004](#) .
 44. Nandiwada S, Islam S, Jentzer J, **Miller P** , Fordyce C, Lawler P, Alviar C, Sun L, Dover D, Kaul P, Van Diepen S. Higher CICU mechanical ventilation volumes are associated with lower in-hospital mortality. European Heart Journal Acute Cardiovascular Care 2021, 10: zuab020.161. [DOI: 10.1093/ehjacc/zuab020.161](#) .
 45. Fuery MA, Chouairi F, Januzzi JL, Moe GW, Caraballo C, McCullough M, **Miller PE** , Reinhardt SW, Clark K, Oseran A, Milner A, Pacor J, Kahn PA, Singh A, Ravindra N, Guha A, Vadlamani L, Kulkarni NS, Fiuzat M, Felker GM, O'Connor CM, Ahmad T, Ezekowitz J, Desai NR. Intercountry Differences in Guideline-Directed Medical Therapy and Outcomes Among Patients With Heart Failure. JACC Heart Failure 2021, 9: 497-505. [PMID: 33992564](#) , [DOI: 10.1016/j.jchf.2021.02.011](#) .
 46. Guha A, Caraballo C, Jain P, **Miller PE** , Owusu-Guha J, Clark KAA, Velazquez EJ, Ahmad T, Baldassarre LA, Addison D, Weintraub NL, Desai NR. Outcomes in patients with anthracycline-

- induced cardiomyopathy undergoing left ventricular assist devices implantation. ESC Heart Failure 2021, 8: 2866-2875. [PMID: 33982867](#) , [PMCID: PMC8318466](#) , [DOI: 10.1002/ehf2.13362](#) .
47. Reinhardt SW, Chouairi F, **Miller PE** , Clark KAA, Kay B, Fuery M, Guha A, Freeman JV, Ahmad T, Desai NR, Friedman DJ. National Trends in the Burden of Atrial Fibrillation During Hospital Admissions for Heart Failure. Journal Of The American Heart Association 2021, 10: e019412. [PMID: 34013736](#) , [PMCID: PMC8483517](#) , [DOI: 10.1161/jaha.120.019412](#) .
 48. Subramaniam AV, Patlolla SH, Cheungpasitporn W, Sundaragiri PR, **Miller PE** , Barsness GW, Bell MR, Holmes DR, Vallabhajosyula S. Racial and Ethnic Disparities in Management and Outcomes of Cardiac Arrest Complicating Acute Myocardial Infarction. Journal Of The American Heart Association 2021, 10: e019907. [PMID: 34013741](#) , [PMCID: PMC8483555](#) , [DOI: 10.1161/jaha.120.019907](#) .
 49. Chouairi F, Fuery MA, Mullan CW, Caraballo C, Sen S, Maulion C, Wilkinson ST, Surti T, McCullough M, **Miller PE** , Pacor J, Leifer ES, Felker GM, Velazquez EJ, Fiuzat M, O'Connor CM, Januzzi JL, Desai NR, Ahmad T. The Impact of Depression on Outcomes in Patients With Heart Failure and Reduced Ejection Fraction Treated in the GUIDE-IT Trial. Journal Of Cardiac Failure 2021, 27: 1359-1366. [PMID: 34166799](#) , [DOI: 10.1016/j.cardfail.2021.06.008](#) .
 50. Nandiwada S, Islam S, Jentzer JC, **Miller PE** , Fordyce CB, Lawler P, Alviar CL, Sun LY, Dover DC, Lopes RD, Kaul P, van Diepen S. The association between cardiac intensive care unit mechanical ventilation volumes and in-hospital mortality. European Heart Journal Acute Cardiovascular Care 2021, 10: 797-805. [PMID: 34318875](#) , [PMCID: PMC9067446](#) , [DOI: 10.1093/ehjacc/zuab055](#) .
 51. **Miller PE** , Mullan CW, Chouairi F, Sen S, Clark KA, Reinhardt S, Fuery M, Anwer M, Geirsson A, Formica R, Rogers JG, Desai NR, Ahmad T. Mechanical ventilation at the time of heart transplantation and associations with clinical outcomes. European Heart Journal Acute Cardiovascular Care 2021, 10: 843-851. [PMID: 34389855](#) , [PMCID: PMC8557439](#) , [DOI: 10.1093/ehjacc/zuab063](#) .
 52. Chouairi F, Fuery M, Clark KA, Mullan CW, Stewart J, Caraballo C, Clarke J, Sen S, Guha A, Ibrahim NE, Cole RT, Holaday L, Anwer M, Geirsson A, Rogers JG, Velazquez EJ, Desai NR, Ahmad T, **Miller PE** . Evaluation of Racial and Ethnic Disparities in Cardiac Transplantation. Journal Of The American Heart Association 2021, 10: e021067. [PMID: 34431324](#) , [PMCID: PMC8649228](#) , [DOI: 10.1161/jaha.120.021067](#) .
 53. Clark KAA, Reinhardt SW, Chouairi F, **Miller PE** , Kay B, Fuery M, Guha A, Ahmad T, Desai NR. Trends in Heart Failure Hospitalizations in the US from 2008 to 2018. Journal Of Cardiac Failure 2021, 28: 171-180. [PMID: 34534665](#) , [DOI: 10.1016/j.cardfail.2021.08.020](#) .
 54. Chouairi F, **Miller PE** , Guha A, Clarke J, Reinhardt SW, Ahmad T, Freeman JV, Desai NR, Friedman DJ. Cannabis use disorder among atrial fibrillation admissions, 2008–2018. Pacing And Clinical Electrophysiology 2021, 44: 1934-1938. [PMID: 34506639](#) , [DOI: 10.1111/pace.14356](#) .
 55. Clark KA, Chouairi F, Kay B, Reinhardt SW, **Miller PE** , Fuery M, Mullan CW, Guha A, Ahmad T, Desai NR. Trends in transcatheter and surgical aortic valve replacement in the United States, 2008-2018. American Heart Journal 2021, 243: 87-91. [PMID: 34571040](#) , [DOI: 10.1016/j.ahj.2021.03.017](#) .
 56. Fuery MA, Chouairi F, Natov P, Bhinder J, Rose Chiravuri M, Wilson L, Clark KA, Reinhardt SW, Mullan C, **Miller PE** , Davis RP, Rogers JG, Patel CB, Sen S, Geirsson A, Anwer M, Desai N, Ahmad T. Trends and Outcomes of Cardiac Transplantation in the Lowest Urgency Candidates. Journal Of The American Heart Association 2021, 10: e023662. [PMID: 34743559](#) , [PMCID: PMC9075266](#) , [DOI: 10.1161/jaha.121.023662](#) .

57. Chouairi F, Milner A, Sen S, Guha A, Stewart J, Jastreboff AM, Mori M, Clark KA, **Miller PE** , Fuery MA, Rogers JG, Notarianni A, Jacoby D, Maulion C, Anwer M, Geirsson A, Desai NR, Ahmad T, Mullan CW. Impact of Obesity on Heart Transplantation Outcomes. Journal Of The American Heart Association 2021, 10: e021346. [PMID: 34854316](#) , [PMCID: PMC9075353](#) , [DOI: 10.1161/jaha.121.021346](#) .
58. Vallabhajosyula S, Dewaswala N, Sundaragiri PR, Bhopalwala HM, Cheungpasitporn W, Doshi R, **Miller PE** , Bell MR, Singh M. Cardiogenic Shock Complicating ST-Segment Elevation Myocardial Infarction: An 18-Year Analysis of Temporal Trends, Epidemiology, Management, and Outcomes. Shock 2021, 57: 360-369. [PMID: 34864781](#) , [DOI: 10.1097/shk.0000000000001895](#) .
59. Fagundes A, Berg DD, Bohula EA, Baird-Zars VM, Barnett CF, Carnicelli AP, Chaudhry SP, Guo J, Keeley EC, Kenigsberg BB, Menon V, **Miller PE** , Newby LK, van Diepen S, Morrow DA, Katz JN, Investigators F. End-of-life care in the cardiac intensive care unit: a contemporary view from the Critical Care Cardiology Trials Network (CCCTN) Registry. European Heart Journal Acute Cardiovascular Care 2022, 11: 190-197. [PMID: 34986236](#) , [DOI: 10.1093/ehjacc/zuab121](#) .
60. Jentzer JC, Bhat AG, Patlolla SH, Sinha SS, **Miller PE** , Lawler PR, van Diepen S, Khanna AK, Zhao DX, Vallabhajosyula S. Concomitant Sepsis Diagnoses in Acute Myocardial Infarction-Cardiogenic Shock: 15-Year National Temporal Trends, Management, and Outcomes. Critical Care Explorations 2022, 4: e0637. [PMID: 35141527](#) , [PMCID: PMC8820909](#) , [DOI: 10.1097/cce.0000000000000637](#) .
61. Patel SM, Jentzer JC, Alviar CL, Baird-Zars VM, Barsness GW, Berg DD, Bohula EA, Daniels LB, DeFilippis AP, Keeley EC, Kontos MC, Lawler PR, **Miller PE** , Park JG, Roswell RO, Solomon MA, van Diepen S, Katz JN, Morrow DA, Investigators T. A pragmatic lab-based tool for risk assessment in cardiac critical care: data from the Critical Care Cardiology Trials Network (CCCTN) Registry. European Heart Journal Acute Cardiovascular Care 2022, 11: 252-257. [PMID: 35134860](#) , [PMCID: PMC9123931](#) , [DOI: 10.1093/ehjacc/zuac012](#) .
62. Vallabhajosyula S, Kumar V, Sundaragiri PR, Cheungpasitporn W, **Miller PE** , Patlolla S, Gersh BJ, Lerman A, Jaffe AS, Shah ND, Holmes DR, Bell MR, Barsness GW. Management and Outcomes of Acute Myocardial Infarction-Cardiogenic Shock in Uninsured Compared With Privately Insured Individuals. Circulation Heart Failure 2022, 15: e008991. [PMID: 35240866](#) , [PMCID: PMC9930186](#) , [DOI: 10.1161/circheartfailure.121.008991](#) .
63. Beekman R, Crawford A, Mazurek MH, Prabhat AM, Chavva IR, Parasuram N, Kim N, Kim JA, Petersen N, de Havenon A, Khosla A, Honiden S, **Miller PE** , Wira C, Daley J, Payabvash S, Greer DM, Gilmore EJ, Kimberly W, Sheth KN. Bedside monitoring of hypoxic ischemic brain injury using low-field, portable brain magnetic resonance imaging after cardiac arrest. Resuscitation 2022, 176: 150-158. [PMID: 35562094](#) , [PMCID: PMC9746653](#) , [DOI: 10.1016/j.resuscitation.2022.05.002](#) .
64. Biondi M, Jain S, Fuery M, Thomas A, Ali T, Alviar CL, Desai NR, **Miller PE** . Relation of Ischemic Heart Disease to Outcomes in Patients With Acute Respiratory Distress Syndrome. The American Journal Of Cardiology 2022, 176: 24-29. [PMID: 35606175](#) , [DOI: 10.1016/j.amjcard.2022.04.034](#) .
65. Fagundes A, Berg DD, Park JG, Baird-Zars VM, Newby LK, Barsness GW, **Miller PE** , van Diepen S, Katz JN, Phreaner N, Roswell RO, Menon V, Daniels LB, Morrow DA, Bohula EA, Investigators F. Patients With Acute Coronary Syndromes Admitted to Contemporary Cardiac Intensive Care Units: Insights From the CCCTN Registry. Circulation Cardiovascular Quality And Outcomes 2022, 15: e008652. [PMID: 35862019](#) , [DOI: 10.1161/circoutcomes.121.008652](#) .
66. Metkus TS, Baird-Zars VM, Alfonso CE, Alviar CL, Barnett CF, Barsness GW, Berg DD, Bertic M, Bohula EA, Burke J, Burstein B, Chaudhry SP, Cooper HA, Daniels LB, Fordyce CB, Ghafghazi S,

- Goldfarb M, Katz JN, Keeley EC, Keller NM, Kenigsberg B, Kontos MC, Kwon Y, Lawler PR, Leibner E, Liu S, Menon V, **Miller PE**, Newby LK, O'Brien CG, Papolos AI, Pierce MJ, Prasad R, Pisani B, Potter BJ, Roswell RO, Sinha SS, Shah KS, Smith TD, Snell RJ, So D, Solomon MA, Ternus BW, Teuteberg JJ, van Diepen S, Zakaria S, Morrow DA. Critical Care Cardiology Trials Network (CCCTN): a cohort profile. *European Heart Journal - Quality Of Care And Clinical Outcomes* 2022, 8: 703-708. [PMID: 36029517](#), [PMCID: PMC9603535](#), [DOI: 10.1093/ehjqcco/qcac055](#).
67. **Miller PE**, Bromfield SG, Ma Q, Crawford G, Whitney J, DeVries A, Desai NR. Clinical Outcomes and Cost Associated With an Intravascular Microaxial Left Ventricular Assist Device vs Intra-aortic Balloon Pump in Patients Presenting With Acute Myocardial Infarction Complicated by Cardiogenic Shock. *JAMA Internal Medicine* 2022, 182: 926-933. [PMID: 35849410](#), [PMCID: PMC9295019](#), [DOI: 10.1001/jamainternmed.2022.2735](#).
68. Wheelock K, Chan P, Chen L, de Lemos J, **Miller P**, Nallamothu B, Girotra S, Khera R. Time in therapeutic range for targeted temperature management and outcomes following out-of-hospital cardiac arrest. *Resuscitation* 2022, 182: 109650. [PMID: 36442596](#), [PMCID: PMC9885789](#), [DOI: 10.1016/j.resuscitation.2022.11.016](#).
69. Patel S, Berg D, Bohula E, Baird-Zars V, Barnett C, Barsness G, Chaudhry S, Daniels L, van Diepen S, Ghafghazi S, Goldfarb M, Jentzer J, Katz J, Kenigsberg B, Lawler P, **Miller P**, Papolos A, Park J, Potter B, Prasad R, Singam N, Sinha S, Solomon M, Teuteberg J, Morrow D, Investigators O. Clinician and Algorithmic Application of the 2019 and 2022 Society of Cardiovascular Angiography and Intervention Shock Stages in the Critical Care Cardiology Trials Network Registry. *Circulation Heart Failure* 2022, 16: e009714. [PMID: 36458542](#), [PMCID: PMC9851990](#), [DOI: 10.1161/circheartfailure.122.009714](#).
70. Carnicelli A, Keane R, Brown K, Loriaux D, Kendsersky P, Alviar C, Arps K, Berg D, Bohula E, Burke J, Dixon J, Gerber D, Goldfarb M, Granger C, Guo J, Harrison R, Kontos M, Lawler P, **Miller P**, Nativi-Nicolau J, Newby L, Racharla L, Roswell R, Shah K, Sinha S, Solomon M, Teuteberg J, Wong G, van Diepen S, Katz J, Morrow D. Characteristics, therapies, and outcomes of In-Hospital vs Out-of-Hospital cardiac arrest in patients presenting to cardiac intensive care units: From the critical care Cardiology trials network (CCCTN). *Resuscitation* 2022, 183: 109664. [PMID: 36521683](#), [PMCID: PMC9899313](#), [DOI: 10.1016/j.resuscitation.2022.12.002](#).
71. Chouairi F, Mullan C, Ahmed A, Bhinder J, Guha A, **Miller P**, Jastreboff A, Fuery M, Chiravuri M, Geirsson A, Desai N, Maulion C, Sen S, Ahmad T, Anwer M. Clinical implications of Type 2 diabetes on outcomes after cardiac transplantation. *PLOS ONE* 2022, 17: e0273111. [PMID: 36516178](#), [PMCID: PMC9750001](#), [DOI: 10.1371/journal.pone.0273111](#).
72. Chouairi F, Pinsker B, Fudim M, **Miller P**. Trends in outcomes and resource utilization for acute myocardial infarction admissions during the COVID-19 pandemic. *American Heart Journal* 2023, 258: 114-118. [PMID: 36646197](#), [PMCID: PMC9839385](#), [DOI: 10.1016/j.ahj.2023.01.003](#).
73. Jentzer J, **Miller P**, Alviar C, Yalamuri S, Bohman J, Tonna J. Exposure to Arterial Hyperoxia During Extracorporeal Membrane Oxygenator Support and Mortality in Patients With Cardiogenic Shock. *Circulation Heart Failure* 2023, 16: e010328. [PMID: 36871240](#), [PMCID: PMC10121893](#), [DOI: 10.1161/circheartfailure.122.010328](#).
74. Chouairi F, **Miller P**, Loriaux D, Katz J, Sen S, Ahmad T, Fudim M. Trends and Outcomes in Cardiac Arrest Among Heart Failure Admissions. *The American Journal Of Cardiology* 2023, 194: 93-101. [PMID: 36889986](#), [DOI: 10.1016/j.amjcard.2023.01.012](#).

75. Metkus T, Alviar C, Baird-Zars V, Barsness G, Berg D, Bohula E, Burke J, Fordyce C, Guo J, Katz J, Keeley E, Menon V, **Miller P**, O'Brien C, Sinha S, So D, Ternus B, Vadhar S, van Diepen S, Morrow D. Presentation and Outcomes of Patients With Preoperative Critical Illness Undergoing Cardiac Surgery. *JACC Advances* 2023, 2: 100260. [PMID: 38357248](#) , [PMCID: PMC10865183](#) , [DOI: 10.1016/j.jacadv.2023.100260](#) .
76. Chouairi F, Pinsker B, **Miller P** , Fudim M. Effects of COVID-19 on heart failure admissions. *American Heart Journal* 2023, 263: 183-187. [PMID: 37156331](#) , [PMCID: PMC10163787](#) , [DOI: 10.1016/j.ahj.2023.05.001](#) .
77. Schenck C, Banna S, Heck C, Ali T, **Miller P** . Rocuronium Versus Succinylcholine in Patients With Acute Myocardial Infarction Requiring Mechanical Ventilation. *Journal Of The American Heart Association* 2023, 12: e8468. [PMID: 37158165](#) , [PMCID: PMC10227322](#) , [DOI: 10.1161/jaha.123.029775](#) .
78. Kim N, Kitlen E, Garcia G, Khosla A, **Miller P** , Johnson J, Wira C, Greer D, Gilmore E, Beekman R. Validation of the rCAST score and comparison to the PCAC and FOUR scores for prognostication after out-of-hospital cardiac arrest. *Resuscitation* 2023, 188: 109832. [PMID: 37178901](#) , [DOI: 10.1016/j.resuscitation.2023.109832](#) .
79. Kadosh B, Berg D, Bohula E, Park J, Baird-Zars V, Alviar C, Alzate J, Barnett C, Barsness G, Burke J, Chaudhry S, Daniels L, DeFilippis A, Delicce A, Fordyce C, Ghafghazi S, Gidwani U, Goldfarb M, Katz J, Keeley E, Kenigsberg B, Kontos M, Lawler P, Leibner E, Menon V, Metkus T, **Miller P** , O'Brien C, Papolos A, Prasad R, Shah K, Sinha S, Snell R, So D, Solomon M, Ternus B, Teuteberg J, Toole J, van Diepen S, Morrow D, Roswell R. Pulmonary Artery Catheter Use and Mortality in the Cardiac Intensive Care Unit. *JACC Heart Failure* 2023, 11: 903-914. [PMID: 37318422](#) , [PMCID: PMC10527413](#) , [DOI: 10.1016/j.jchf.2023.04.007](#) .
80. Gupta K, Gupta R, Xiao R, Rathi V, **Miller P** , Ross J, Dhruva S. Payer-Negotiated Prices for Cardiac Electrophysiology Procedures at 2022-2023 Top 100 US News & World Report for Cardiology and Heart Surgery Hospitals. *Circulation Arrhythmia And Electrophysiology* 2023, 16: e012159. [PMID: 37622312](#) , [DOI: 10.1161/circep.123.012159](#) .
81. Berg D, Kaur G, Bohula E, Baird-Zars V, Alviar C, Barnett C, Barsness G, Burke J, Chaudhry S, Chonde M, Cooper H, Daniels L, Dodson M, Gerber D, Ghafghazi S, Gidwani U, Goldfarb M, Guo J, Hillerson D, Kenigsberg B, Kochar A, Kontos M, Kwon Y, Lopes M, Loriaux D, **Miller P** , O'Brien C, Papolos A, Patel S, Pisani B, Potter B, Prasad R, Roswell R, Shah K, Sinha S, Smith T, Solomon M, Teuteberg J, Thompson A, Zakaria S, Katz J, van Diepen S, Morrow D. Prognostic significance of haemodynamic parameters in patients with cardiogenic shock. *European Heart Journal Acute Cardiovascular Care* 2023, 12: 651-660. [PMID: 37640029](#) , [PMCID: PMC10599641](#) , [DOI: 10.1093/ehjacc/zuad095](#) .
82. Kitlen E, Kim N, Rubenstein A, Keenan C, Garcia G, Khosla A, Johnson J, **Miller P** , Wira C, Greer D, Gilmore E, Beekman R. Development and validation of a novel score to predict brain death after out-of-hospital cardiac arrest. *Resuscitation* 2023, 192: 109955. [PMID: 37661012](#) , [DOI: 10.1016/j.resuscitation.2023.109955](#) .
83. Jang S, Webber F, Alam M, Bae J, Aggarwal A, Thomas A, Zarich S, Ahmad T, **Miller P** , Davila C. Early Clinical Outcomes of Patients With Stress-Induced Cardiomyopathy Receiving Acute Mechanical Support in the US. *Journal Of The Society For Cardiovascular Angiography & Interventions* 2023, 2: 101185. [PMID: 39131072](#) , [PMCID: PMC11308019](#) , [DOI: 10.1016/j.jscai.2023.101185](#) .

84. Banna S, Schenck C, Shahu A, Thomas A, Heck C, Tangredi R, Ali T, **Miller P** . Stress Ulcer Prophylaxis in Mechanically Ventilated Patients With Acute Myocardial Infarction. JACC Advances 2023, 3: 100750. [PMID: 38939822](#) , [PMCID: PMC11198220](#) , [DOI: 10.1016/j.jacadv.2023.100750](#) .
85. Thomas A, Banna S, Shahu A, Ali T, Schenck C, Patel B, Notarianni A, Phommalin M, Kochar A, Heck C, van Diepen S, **Miller P** . Propofol vs etomidate for induction prior to invasive mechanical ventilation in patients with acute myocardial infarction. American Heart Journal 2024, 272: 116-125. [PMID: 38554762](#) , [DOI: 10.1016/j.ahj.2024.03.013](#) .
86. Patel S, Berg D, Bohula E, Baird-Zars V, Barsness G, Chaudhry S, Chonde M, Cooper H, Ginder C, Jentzer J, Kontos M, **Miller P** , Newby L, O'Brien C, Park J, Pierce M, Pisani B, Potter B, Shah K, Teuteberg J, Katz J, van Diepen S, Morrow D. Early Serial Assessment of Aggregate Vasoactive Support and Mortality in Cardiogenic Shock: Insights From the Critical Care Cardiology Trials Network Registry. Circulation Heart Failure 2024, 17: e011736. [PMID: 38587438](#) , [DOI: 10.1161/circheartfailure.124.011736](#) .
87. Grammatico M, Banna S, Shahu A, Gastanadui M, Jimenez J, Heck C, Arias-Olson A, Thomas A, Ali T, **Miller P** . Tracheostomy in Patients with Acute Myocardial Infarction and Respiratory Failure. Journal Of Intensive Care Medicine 2024, 39: 1131-1137. [PMID: 38715423](#) , [DOI: 10.1177/08850666241253202](#) .
88. Alviar C, Jentzer J, Van Diepen S, Metkus T, **Miller P** , Kashani K. Exposure to hyperoxemia and mortality in cardiac intensive care unit patients. European Heart Journal Acute Cardiovascular Care 2024, 13: zuae036.138. [DOI: 10.1093/ehjacc/zuae036.138](#) .
89. Jentzer J, van Diepen S, Alviar C, **Miller P** , Metkus T, Geller B, Kashani K. Arterial hyperoxia and mortality in the cardiac intensive care unit. Current Problems In Cardiology 2024, 49: 102738. [PMID: 39025170](#) , [DOI: 10.1016/j.cpcardiol.2024.102738](#) .
90. Beekman R, Kim N, Nguyen C, McGinniss G, Deng Y, Kitlen E, Garcia G, Wira C, Khosla A, Johnson J, **Miller P** , Perman S, Sheth K, Greer D, Gilmore E. Temperature Control Parameters Are Important: Earlier Preinduction Is Associated With Improved Outcomes Following Out-of-Hospital Cardiac Arrest. Annals Of Emergency Medicine 2024, 84: 549-559. [PMID: 39033449](#) , [DOI: 10.1016/j.annemergmed.2024.06.007](#) .
91. Balgobind A, Pierce M, Alviar C, Barnett C, Barsness G, Chaudhry S, Chonde M, Cooper H, Daniels L, Gidwani U, Fordyce C, Goldfarb M, Katz J, Kontos M, Kwon Y, Liebner E, Liu S, **Miller P** , Newby L, O'Brien C, Papolos A, Pisani B, Potter B, Proudfoot A, Roswell R, Sinha S, Smith T, Thompson A, van Diepen S, Zakaria S, Morrow D, Villela M. Current practices in the management of temporary mechanical circulatory support: A survey of CICU directors in North America. American Heart Journal 2024, 276: 115-119. [PMID: 39182940](#) , [DOI: 10.1016/j.ahj.2024.05.018](#) .
92. Shahu A, Namburur S, Banna S, Harris A, Schenck C, Trejo-Paredes C, Thomas A, Ali T, Carnicelli A, Barnett C, Solomon M, **Miller P** . Outcomes for Mechanically Ventilated Patients With Acute Myocardial Infarction Admitted to Medical vs Cardiac Intensive Care Units. JACC Advances 2024, 3: 101199. [PMID: 39238851](#) , [PMCID: PMC11375252](#) , [DOI: 10.1016/j.jacadv.2024.101199](#) .
93. Berg D, Bohula E, Patel S, Alfonso C, Alviar C, Baird-Zars V, Barnett C, Barsness G, Bennett C, Chaudhry S, Fordyce C, Ghafghazi S, Gidwani U, Goldfarb M, Katz J, Menon V, **Miller P** , Newby L, Papolos A, Park J, Pierce M, Proudfoot A, Sinha S, Sridharan L, Thompson A, van Diepen S, Morrow D. Epidemiology of cardiogenic shock using the Shock Academic Research Consortium (SHARC) consensus definitions. European Heart Journal Acute Cardiovascular Care 2024, 13: 709-714. [PMID: 39208447](#) , [PMCID: PMC11518926](#) , [DOI: 10.1093/ehjacc/zuae098](#) .

94. Skove S, Berg DD, Bohula EA, Guo J, Alfonso CE, Barsness GW, Burke JA, Chonde MD, Jentzer JC, Katz JN, Kontos MC, Kwon Y, Lawler PR, Liu S, Miller PE, O'Brien CG, Papolos AI, Proudfoot AG, Sidhu K, Sinha SS, Sridharan L, Teuteberg JJ, van Diepen S, Zakaria S, Morrow DA, Shah KS. Early Evolution of SCAI Shock Stage and In-Hospital Mortality in the Cardiovascular Intensive Care Unit Population: From the Critical Care Cardiology Trials Network (CCCTN). *Circ Heart Fail* 2025, e012109. [PMID: 39772549](#) , DOI: 10.1161/CIRCHEARTFAILURE.124.012109.
95. Miller PE, Gordon AS, Liu Y, Ahmad T, Bromfield SG, Girotra S, Davila CD, Crawford G, Whitney J, Desai NR. Mechanical Circulatory Support in Patients Without Cardiogenic Shock Undergoing Percutaneous Coronary Intervention. *J Am Heart Assoc* 2025, e037424. [PMID: 39791394](#) , DOI: 10.1161/JAHA.124.037424.
96. Butt A, Padkins M, Crespo-Diaz R, Hillerson D, Katz JN, Kamath PS, Miller PE, Rosenbaum AN, Samsky MD, Kashani K, Jentzer JC. Hepatic Biomarker Abnormalities in the Cardiac Intensive Care Unit: Proposed Criteria for Cardiohepatic Syndrome. *JACC Adv* 2025, 4: 101464. [PMID: 39850044](#) , DOI: 10.1016/j.jacadv.2024.101464.
97. Varshney AS, Palazzolo MG, Barnett CF, Bohula EA, Burke JA, Chaudhry SP, Chonde MD, Ghafghazi S, Gerber DA, Kenigsberg B, Kontos MC, Kwon Y, Lawler PR, Loriaux DB, Menon V, Miller E, O'Brien CG, Papolos AI, Patel SM, Potter BJ, Prasad R, Shah KS, Sinha SS, Solomon MA, Thompson A, Teuteberg JJ, van Diepen S, Morrow DA, Berg DD. Epidemiology and Prognostic Significance of Acute Non-Cardiac Organ Dysfunction across Cardiogenic Shock Subtypes: Varshney et al; Non-Cardiac Organ Dysfunction in CS. *J Card Fail* 2025 [PMID: 40015594](#) , DOI: 10.1016/j.cardfail.2024.12.017.

Peer-Reviewed Reviews, Practice Guidelines, Standards, and Consensus Statements

1. **Miller PE** , Martin SS. Approach to Statin Use in 2016: an Update. *Current Atherosclerosis Reports* 2016, 18: 20. [PMID: 26973129](#) , [DOI: 10.1007/s11883-016-0578-1](#) .
2. **Miller PE** , Solomon MA, McAreavey D. Advanced Percutaneous Mechanical Circulatory Support Devices for Cardiogenic Shock. *Critical Care Medicine* 2017, 45: 1922-1929. [PMID: 28857849](#) , [PMCID: PMC5640487](#) , [DOI: 10.1097/ccm.0000000000002676](#) .
3. Soucier RJ, **Miller PE** , Ingrassia JJ, Riello R, Desai NR, Ahmad T. Essential Elements of Early Post Discharge Care of Patients with Heart Failure. *Current Heart Failure Reports* 2018, 15: 181-190. [PMID: 29700697](#) , [DOI: 10.1007/s11897-018-0393-9](#) .
4. Alviar CL, **Miller PE** , McAreavey D, Katz JN, Lee B, Moriyama B, Soble J, van Diepen S, Solomon MA, Morrow DA, Group A. Positive Pressure Ventilation in the Cardiac Intensive Care Unit. *Journal Of The American College Of Cardiology* 2018, 72: 1532-1553. [PMID: 30236315](#) , [PMCID: PMC11032173](#) , [DOI: 10.1016/j.jacc.2018.06.074](#) .
5. Ahmad T, **Miller PE** , McCullough M, Desai NR, Riello R, Psotka M, Böhm M, Allen LA, Teerlink JR, Rosano GMC, Lindenfeld J. Why has positive inotropy failed in chronic heart failure? Lessons from prior inotrope trials. *European Journal Of Heart Failure* 2019, 21: 1064-1078. [PMID: 31407860](#) , [PMCID: PMC6774302](#) , [DOI: 10.1002/ehf.1557](#) .
6. Alviar CL, Rico-Mesa JS, Morrow DA, Thiele H, **Miller PE** , Maselli DJ, van Diepen S. Positive Pressure Ventilation in Cardiogenic Shock: Review of the Evidence and Practical Advice for Patients With Mechanical Circulatory Support. *Canadian Journal Of Cardiology* 2019, 36: 300-312. [PMID: 32036870](#) , [DOI: 10.1016/j.cjca.2019.11.038](#) .

7. Katz JN, Sinha SS, Alviar CL, Dudzinski DM, Gage A, Brusca SB, Flanagan MC, Welch T, Geller BJ, **Miller PE**, Leonardi S, Bohula EA, Price S, Chaudhry SP, Metkus TS, O'Brien C, Sionis A, Barnett CF, Jentzer JC, Solomon MA, Morrow DA, van Diepen S. COVID-19 and Disruptive Modifications to Cardiac Critical Care Delivery JACC Review Topic of the Week. Journal Of The American College Of Cardiology 2020, 76: 72-84. [PMID: 32305402](#) , [PMCID: PMC7161519](#) , [DOI: 10.1016/j.jacc.2020.04.029](#) .
8. Rayner-Hartley E, **Miller PE** , Burstein B, Bibas L, Goldfarb M, Rampersad P, van Diepen S. The Basics of ARDS Mechanical Ventilatory Care for Cardiovascular Specialists. Canadian Journal Of Cardiology 2020, 36: 1675-1679. [PMID: 32712309](#) , [PMCID: PMC7376353](#) , [DOI: 10.1016/j.cjca.2020.07.011](#) .
9. Quien M, Thomas A, Ludmir J, **Miller PE** . Staffing models in the cardiac intensive care unit. Current Opinion In Critical Care 2022, 28: 453-459. [PMID: 35757936](#) , [DOI: 10.1097/mcc.0000000000000958](#) .
10. Thomas A, van Diepen S, Beekman R, Sinha SS, Brusca SB, Alviar CL, Jentzer J, Bohula EA, Katz JN, Shahu A, Barnett C, Morrow DA, Gilmore EJ, Solomon MA, **Miller PE** . Oxygen Supplementation and Hyperoxia in Critically Ill Cardiac Patients From Pathophysiology to Clinical Practice. JACC Advances 2022, 1: 100065. [PMID: 36238193](#) , [PMCID: PMC9555075](#) , [DOI: 10.1016/j.jacadv.2022.100065](#) .
11. Shahu A, Banna S, Applefeld W, Rampersad P, Alviar C, Ali T, Luk A, Fajardo E, van Diepen S, **Miller P** . Liberation From Mechanical Ventilation in the Cardiac Intensive Care Unit. JACC Advances 2023, 2: 100173. [PMID: 38939038](#) , [PMCID: PMC11198553](#) , [DOI: 10.1016/j.jacadv.2022.100173](#) .
12. **Miller P** , Huber K, Bohula E, Krychtiuk K, Pöss J, Roswell R, Tavazzi G, Solomon M, Kristensen S, Morrow D, Care A. Research Priorities in Critical Care Cardiology JACC Expert Panel. Journal Of The American College Of Cardiology 2023, 82: 2329-2337. [PMID: 38057075](#) , [PMCID: PMC10752230](#) , [DOI: 10.1016/j.jacc.2023.09.828](#) .
13. Senman B, Jentzer J, Barnett C, Bartos J, Berg D, Chih S, Drakos S, Dudzinski D, Elliott A, Gage A, Horowitz J, **Miller P** , Sinha S, Tehrani B, Yuriditsky E, Vallabhajosyula S, Katz J. Need for a Cardiogenic Shock Team Collaborative—Promoting a Team-Based Model of Care to Improve Outcomes and Identify Best Practices. Journal Of The American Heart Association 2024, 13: e031979. [PMID: 38456417](#) , [PMCID: PMC11009990](#) , [DOI: 10.1161/jaha.123.031979](#) .
14. Schenck C, Chouairi F, Dudzinski D, **Miller P** . Noninvasive Ventilation in the Cardiac Intensive Care Unit. Journal Of Intensive Care Medicine 2024, 8850666241243261. [PMID: 38571399](#) , [DOI: 10.1177/08850666241243261](#) .
15. Lopez M, Applefeld W, **Miller P** , Elliott A, Bennett C, Lee B, Barnett C, Solomon M, Corradi F, Sionis A, Mireles-Cabodevila E, Tavazzi G, Alviar C. Complex Heart–Lung Ventilator Emergencies in the CICU. Cardiology Clinics 2024, 42: 253-271. [PMID: 38631793](#) , [DOI: 10.1016/j.ccl.2024.02.010](#) .
16. Hall E, Papolos A, **Miller P** , Barnett C, Kenigsberg B. Management of Post-cardiotomy Shock. US Cardiology Review 2024, 18: e11. [PMID: 39494414](#) , [PMCID: PMC11526484](#) , [DOI: 10.15420/usc.2024.16](#) .
17. Elliott A, Bartos J, Barnett C, **Miller P** , Roswell R, Alviar C, Bennett C, Berg D, Bohula E, Chonde M, Dahiya G, Fleitman J, Gage A, Hansra B, Higgins A, Hollenberg S, Horowitz J, Jentzer J, Katz J, Karpenshif Y, Lee R, Menon V, Metkus T, Mukundan S, Rhinehart Z, Senman B, Senussi M, Solomon M, Vallabhajosyula S, Dudzinski D. Contemporary Training in American Critical Care Cardiology: Minnesota Critical Care Cardiology Education Summit JACC Scientific Expert Panel. Journal Of The

- American College Of Cardiology 2024, 84: 1436-1454. [PMID: 39357941](#) , [DOI: 10.1016/j.jacc.2024.05.082](#) .
18. Wiens E, Jentzer J, **Miller P** , Vallabhajosyula S, Berg D, Bagshaw S, van Diepen S. Renal Replacement Therapy in Patients with Cardiogenic Shock: Refining the AEIOUs in Cardiovascular Patients. Canadian Journal Of Cardiology 2024 [PMID: 39521051](#) , [DOI: 10.1016/j.cjca.2024.11.004](#) .
 19. Miller PE, Senman BC, Gage A, Carnicelli AP, Jacobs M, Rali AS, Senussi MH, Bhatt AS, Hollenberg SM, Kini A, Menon V, Grubb KJ, Morrow DA, American College of Cardiology Critical Care Cardiology Section. Acute Decompensated Valvular Disease in the Intensive Care Unit. JACC Adv 2024, 3: 101402. [PMID: 39735779](#) , DOI: 10.1016/j.jacadv.2024.101402.

Peer-Reviewed Case Reports and Technical Notes

1. **Miller PE** , Zurflu E, Jaipaul CK. Return of the usual suspect. The Lancet 2011, 377: 2150. [PMID: 21684385](#) , [DOI: 10.1016/s0140-6736\(11\)60443-1](#) .
2. **Miller PE** , Gelber AC, Houston BA. Abdominal Pain, Fever, and Unrelenting Melena. Gastroenterology 2014, 146: 1606-1607. [PMID: 24755341](#) , [DOI: 10.1053/j.gastro.2014.01.066](#) .
3. **Miller PE** , Gocke C, Gocke C, Cho SY, Houston BA. The Drowning Heart: An Ambiguous Lymphoma. The American Journal Of Medicine 2014, 127: 817-819. [PMID: 24859720](#) , [DOI: 10.1016/j.amjmed.2014.05.009](#) .
4. **Miller PE** , Czarny MJ, Abraham MR. A Rare Cause of Chest Pain and Ventricular Fibrillation. JAMA Internal Medicine 2014, 174: 1173-1175. [PMID: 24841000](#) , [DOI: 10.1001/jamainternmed.2014.1809](#) .
5. **Miller PE** , Houston BA. Dahl's Sign. New England Journal Of Medicine 2014, 371: 357. [PMID: 25054719](#) , [DOI: 10.1056/nejmicm1309904](#) .
6. **Miller PE** , Arias S, Lee H, Yarmus L, Feller-Kopman D. Complications Associated with the Use of the Amplatzer Device for the Management of Tracheoesophageal Fistula. Annals Of The American Thoracic Society 2014, 11: 1507-1509. [PMID: 25423008](#) , [DOI: 10.1513/annalsats.201408-352le](#) .
7. **Miller PE** , Scholten EL, Desai CS, Tedford RJ. A Patient With Systolic Dysfunction and an Alternating Axis. JAMA Internal Medicine 2014, 174: 2027-2028. [PMID: 25347012](#) , [DOI: 10.1001/jamainternmed.2014.5452](#) .
8. Solomon C, Houston B, **Miller P** , Rooper L, Scheel P, Gelber A. From Dancing to Debilitated. New England Journal Of Medicine 2016, 374: 470-477. [PMID: 26840137](#) , [DOI: 10.1056/nejmcps1311794](#) .
9. Alvin MD, **Miller PE** . Compensated hydrocephalus. The Lancet 2016, 387: 2422. [PMID: 26946927](#) , [DOI: 10.1016/s0140-6736\(16\)00089-1](#) .
10. Patterson-Fortin J, Kohli A, Suarez MJ, **Miller PE** . Ocular Lyme borreliosis as a rare presentation of unilateral vision loss. BMJ Case Reports 2016, 2016: bcr2016215307. [PMID: 27113793](#) , [PMCID: PMC4854126](#) , [DOI: 10.1136/bcr-2016-215307](#) .
11. Bell TD, Mazer AJ, **Miller PE** , Strich JR, Sachdev V, Wright ME, Solomon MA. Use of sacubitril/valsartan in acute decompensated heart failure: a case report. ESC Heart Failure 2017, 5: 184-188. [PMID: 29035000](#) , [PMCID: PMC5793985](#) , [DOI: 10.1002/ehf2.12219](#) .
12. Mullan C, Powierza C, **Miller PE** , Geirsson A, Vallabhajosyula P, Assi R. Spontaneous coronavirus disease 2019 (COVID-19)-associated luminal aortic thrombus. Journal Of Thoracic And Cardiovascular Surgery 2020, 160: e13-e14. [PMID: 32534745](#) , [PMCID: PMC7280114](#) , [DOI: 10.1016/j.jtcvs.2020.05.024](#) .

13. Wang K, Verma A, Fish K, Hu J, **Miller P**, Morrow J, Singh I, Young L. A Case of Fulminant Right Heart Failure Owing to Tumoral Pulmonary Hypertension. JACC Case Reports 2023, 10: 101715. [PMID: 36974052](#) , [PMCID: PMC10039392](#) , [DOI: 10.1016/j.jaccas.2022.101715](#) .

Chapters

1. **Miller P** . Myocardial Small Vessel Disease and Endothelial Dysfunction. Contemporary Cardiology 2018, 227-232. [DOI: 10.1007/978-3-319-97622-8_10](#) .

Commentaries, Editorials and Letters

1. **Miller PE** , Ahmad T. Loop diuretics in heart failure: Few facts and lots of prejudice. American Heart Journal 2018, 205: 131-132. [PMID: 30122601](#) , [DOI: 10.1016/j.ahj.2018.07.022](#) .
2. **Miller PE** , Kenigsberg BB, Wiley BM. Cardiac Critical Care Training Pathways and Transition to Early Career. Journal Of The American College Of Cardiology 2019, 73: 1726-1730. [PMID: 30947926](#) , [DOI: 10.1016/j.jacc.2019.03.004](#) .
3. **Miller PE** , van Diepen S, Ahmad T. Acute Decompensated Heart Failure Complicated by Respiratory Failure. Circulation Heart Failure 2019, 12: e006013. [PMID: 31030542](#) , [DOI: 10.1161/circheartfailure.119.006013](#) .
4. **Miller PE** , Gimenez MR, Thiele H. Mechanical respiratory support in cardiogenic shock. European Journal Of Heart Failure 2019, 22: 168-168. [PMID: 31497904](#) , [DOI: 10.1002/ejhf.1599](#) .
5. **Miller PE** , Jentzer J, Katz JN. Are Unselected Risk Scores in the Cardiac Intensive Care Unit Needed? Journal Of The American Heart Association 2021, 10: e021940. [PMID: 34658248](#) , [PMCID: PMC8751845](#) , [DOI: 10.1161/jaha.121.021940](#) .
6. Case A, **Miller P** , Hager D. Reflections on the Use of High-Dependency Units for Patients With Acute Myocardial Infarction. Critical Care Medicine 2023, 51: e62-e63. [PMID: 36661467](#) , [DOI: 10.1097/ccm.0000000000005703](#) .
7. **Miller P** , Desai N. Caution With Conclusions and Context of Mechanical Circulatory Devices—Reply. JAMA Internal Medicine 2023, 183: 277-278. [PMID: 36648933](#) , [DOI: 10.1001/jamainternmed.2022.6171](#) .
8. **Miller P** , Abrams D. The Time Is Now to Investigate Ventilator Settings in Acute Cardiovascular Patients *. JACC Heart Failure 2023, 11: 969-971. [PMID: 37204364](#) , [PMCID: PMC10191154](#) , [DOI: 10.1016/j.jchf.2023.04.005](#) .
9. Jentzer J, **Miller P** , Tonna J. Response by Jentzer et al to Letters Regarding Article, “Exposure to Arterial Hyperoxia During Extracorporeal Membrane Oxygenator Support and Mortality in Patients With Cardiogenic Shock”. Circulation Heart Failure 2023, 16: e010732. [PMID: 37387228](#) , [PMCID: PMC10361256](#) , [DOI: 10.1161/circheartfailure.123.010732](#) .
10. **Miller P** . Transatlantic collaboration detailing research priorities in critical care cardiology. European Heart Journal Acute Cardiovascular Care 2024, 13: 261-261. [PMID: 38234272](#) , [DOI: 10.1093/ehjacc/zuae009](#) .
11. Senman B, Dudzinski D, Gage A, **Miller P** , Katz J. The Why, The Who, and The How: Launching the Society of Critical Care Cardiology. Journal Of Shock And Hemodynamics 2024, 2 [DOI: 10.58464/2836-0605.1060](#) .