

Publications

Mid-Term Outcomes of Balloon-Expandable Aortic Valve-in-Valve Replacement in the United States.

Krishnaswamy A, **Abbas AE**, Babaliaros VC, Greenbaum AB, Yadav P, Moussa ID, Reed GW, Laham RJ, Morse MA, Rodriguez E, Depta JP, McCabe JM, Bapat VN, Thourani VH, Kapadia SR, Kaneko T. *JACC Cardiovasc Interv.* 2025 Aug 25;18(16):1989-2000. doi: 10.1016/j.jcin.2025.06.039.PMID: 40866029

A Comprehensive Review of Left Atrial Venoarterial Extracorporeal Membrane Oxygenation.

Jabri A, Kumar S, Shadid AM, Ramakrishna H, Giustino G, Fadel RA, O'Neill B, Alqarqaz M, Basir MB, Engel-Gonzalez P, Frisoli T, Genereux P, Bagur R, Jimenez-Rodriguez G, Hanson I, **Abbas A**, Dixon S, O'Neill W, Villablanca PA. *J Cardiothorac Vasc Anesth.* 2025 Sep;39(9):2468-2479. doi: 10.1053/j.jvca.2025.04.036. Epub 2025 Apr 28.PMID: 40404523

Late Clinical Outcomes of Balloon-Expandable Valves in Small Annuli: Results From the PARTNER Trials.

Hahn RT, Pibarot P, **Abbas A**, Makkar R, Thourani VH, Génèreux P, Kodali S, Kapadia S, Babaliaros V, Ternacle J, Theron A, Cristell N, Clarke S, Zhao Y, Alu M, Madhavan MV, Cohen DJ, Leipsic J, Webb J, Mack MJ, Leon MB. *JACC Cardiovasc Interv.* 2025 Feb 24;18(4):506-517. doi: 10.1016/j.jcin.2024.11.006.PMID: 40010919

3-Year Outcomes of Mitral Valve-in-Valve Therapy Using Balloon-Expandable Transcatheter Valves in the United States.

Eleid MF, Krishnaswamy A, Kapadia S, Yadav P, Rajagopal V, Makkar R, Stinis C, Chetcuti S, Morse A, Frisoli T, Frangieh AH, **Abbas AE**, Whisenant B, O'Neill WW, Guerrero ME, Rodriguez E, Kodali S, Ailawadi G, Rihal CS. *JACC Cardiovasc Interv.* 2025 Jun 9;18(11):1454-1466. doi: 10.1016/j.jcin.2025.03.017.PMID: 40500016

Heart Failure Mortality in Chronic Kidney Disease: The Fatal Crossover.

Yeo YH, San BJ, Mee XC, Tan MC, **Abbas AE**, Shanmugasundaram M, Lee JZ, Abidov A, Lee KS. *Am J Med.* 2025 Jan;138(1):51-60.e2. doi: 10.1016/j.amjmed.2024.09.002. Epub 2024 Sep 14.PMID: 39284481

Transcatheter Electrosurgical Closure of "Ventricularized" Left Atrial Appendage.

Madanat L, Jabri A, Bloomingdale R, Schott JP, **Abbas AE**, Renard B, Vivacqua A, Mehta N, Hanson ID. *JACC Cardiovasc Interv.* 2025 Mar 10;18(5):674-676. doi: 10.1016/j.jcin.2024.11.013. Epub 2025 Jan 22.PMID: 39846923

Outcomes following TAVR in patients with cardiogenic shock: A systematic review and meta-analysis.

Jabri A, Ayyad M, Albandak M, Al-Abdoun A, Madanat L, Khalefa BB, Alhuneafat L, Ayyad A, Lemor A, Mhanna M, Al Jebaje Z, Fadel R, Gonzalez PE, O'Neill B, Bagur R, Hanson ID, **Abbas AE**, Frisoli T, Lee J, Wang DD, Aggarwal V, Alaswad K, O'Neill WW, Aronow HD, AlQarqaz M, Villablanca P. *Cardiovasc Revasc Med.* 2025 May;74:8-13. doi: 10.1016/j.carrev.2024.08.002. Epub 2024 Aug 17.PMID: 39209579

Evoque Transcatheter Tricuspid Valve Replacement for a Tetralogy of Fallot Patient.

Madanat L, Jabri A, Bloomingdale R, **Abbas AE**, Villablanca P, Hanson ID, Renard B. *JACC Cardiovasc Interv.* 2025 Jul 28;18(14):1808-1810. doi: 10.1016/j.jcin.2025.05.009. Epub 2025 Jun 18. PMID: 40536460

[Surgery for Periprocedural Failure of Transcatheter Aortic Valve Replacement in the United States.](#)
Schwann TA, Habib RH, Saadat S, **Abbas AE**, Gaudino MFL, Engelman DT, Kugelmass A, Engoren M. *Circulation.* 2025 Oct 28;152(17):1262-1264. doi: 10.1161/CIRCULATIONAHA.125.075452. Epub 2025 Oct 27. PMID: 41144557

[Relationship Between Postprocedural Transvalvular Pressure Gradient and Hemodynamic Valve Deterioration After Transcatheter Aortic Valve Replacement.](#)
Tomii D, Heg D, Samim D, Lanz J, Praz F, Stortecky S, Reineke D, Windecker S, **Abbas AE**, Pilgrim T. *Can J Cardiol.* 2025 Dec;41(12):2417-2419. doi: 10.1016/j.cjca.2025.08.346. Epub 2025 Aug 30. PMID: 40889556

[Invasive Versus Echocardiographic Aortic Valve Gradients Pre and Post Balloon-Expandable TAV-in-TAV for Failed TAVR Prosthesis.](#)
Madanat L, Hanson ID, Jabri A, Renard B, **Abbas AE**. *JACC Asia.* 2025 Jun;5(6):814-816. doi: 10.1016/j.jacasi.2025.02.016. Epub 2025 Apr 29. PMID: 40304647

[Impact of Patent Foramen Ovale on In-Hospital Outcomes in Acute Pulmonary Embolism.](#)
Jabri A, Kumar S, Zghouzi M, Nasser MF, Maligireddy A, Fadel R, O'Neill B, Villablanca P, Engel-Gonzalez P, Frisoli T, Aronow HD, Alqarqaz M, Giustino G, Kado H, **Abbas A**, Aggarwal V. *Cardiol Res.* 2025 Dec 20;16(6):499-506. doi: 10.14740/cr2130. eCollection 2025 Dec. PMID: 41488026

[Feasibility, Efficacy, and Safety of the Mitral Annulo-TRlpsy in eXtreme Risk Patients.](#)
Giustino G, Asselin CY, Naguib M, Jabri A, Lok Lai LK, Kipperman R, Koulogiannis KP, Marcoff L, **Abbas A**, Villablanca P, Génèreux P. *Struct Heart.* 2025 Jun 24;9(8):100683. doi: 10.1016/j.shj.2025.100683. eCollection 2025 Aug. PMID: 40894366

[Transvalvular Pressure Gradient, Prosthesis-Patient Mismatch, and Hemodynamic Valve Deterioration After Transcatheter Aortic Valve Replacement.](#)
Tomii D, **Abbas AE**, Pilgrim T. *Can J Cardiol.* 2026 Apr;42(4):890-891. doi: 10.1016/j.cjca.2025.09.008. Epub 2025 Sep 12. PMID: 40947053

[Transcatheter Aortic Valve Replacement for Severe Native Aortic Valve Regurgitation: A Multicenter and International Registry.](#)
Kumar S, Pershad A, Elison D, Thwe E, Farina J, Jabri A, Hanson I, **Abbas A**, Villablanca PA, Falluji N, Biscaglia S, Tumscitz C, Byrne T, Saia F, Moualla S, Naik H. *Struct Heart.* 2025 Nov 15;10(3):100762. doi: 10.1016/j.shj.2025.100762. eCollection 2026 Mar. PMID: 41766953

[Relationship of Hemodynamic Improvement and Quality of Life Outcomes After Transcatheter Aortic Valve Replacement.](#)
Lodhi H, Khalili H, Pavlovsky A, Attizzani G, Saleem S, Haider S, Abdul-Waheed M, Akbar M, Kazimuddin M, **Abbas AE**. *Catheter Cardiovasc Interv.* 2026 Jan;107(1):70-75. doi: 10.1002/ccd.70281. Epub 2025 Nov 3. PMID: 41178632

[Trends in surgical and transcatheter interventions for tricuspid regurgitation: A national inpatient sample analysis from 2011 to 2020.](#)

Villablanca P, Jabri A, Alhuneafat L, Maligireddy A, Rasheed W, Kapcin K, Manalo K, Latib A, Giustino G, Fadel R, Al Abdouh A, Mhanna M, Amoroso N, Wang DD, O'Neill B, Bagur R, Madanat L, Renard B, Aggarwal V, Alqarqaz M, So K, Genereux P, Hanson ID, **Abbas AE**, O'Neill WW. *Cardiovasc Revasc Med*. 2025 Sep;78:97-103. doi: 10.1016/j.carrev.2024.11.005. Epub 2024 Nov 13. PMID: 39550306

[Trends and outcomes of mechanical circulatory support with transcatheter aortic valve replacement and transcatheter edge-to-edge repair of the mitral valve from the National Inpatient Sample, 2018 to 2021.](#)

Ghoneem A, Elkholy M, Abdelhai OS, Altarawneh T, Maligireddy A, Goel M, Hanson ID, **Abbas AE**, Bagur R, Giustino G, Génereux P, Alqarqaz M, Wang DD, O'Neill WW, Jabri A, Villablanca P. *Proc (Bayl Univ Med Cent)*. 2025 Dec 9;39(2):239-246. doi: 10.1080/08998280.2025.2592169. eCollection 2026. PMID: 41717364

[Concomitant Percutaneous Coronary Intervention and Mitral Transcatheter Edge-to-Edge Repair for Acute Ischemic Mitral Regurgitation From Papillary Muscle Rupture.](#)

Madanat L, Chandra R, Mazumder S, Bloomingdale R, Jabri A, Birk V, Renard B, Vyas R, Maraskine M, Hanson ID, **Abbas AE**. *Struct Heart*. 2025 Aug 12;9(10):100723. doi: 10.1016/j.shj.2025.100723. eCollection 2025 Oct. PMID: 40994664

[Mid-term outcomes of balloon-expandable vs. self-expanding valves for valve-in-valve TAVR: Insights from the Michigan Structural Heart Consortium.](#)

Jabri A, Kumar S, **Abbas A**, Fang JX, Madanat L, Grossman P, Seth M, Chetcuti S, Mantey J, Suri R, Vivacqua A, Schwann T, Dixon S, Sukul D, Villablanca PA. *Cardiovasc Revasc Med*. 2026 Jun;87:42-48. doi: 10.1016/j.carrev.2025.10.005. Epub 2025 Oct 17. PMID: 41125469

[Hybrid transcatheter aortic valve replacement for mechanical valve dysfunction in a patient with Marfan syndrome and previous Bentall procedure: A novel approach.](#)

Hojerat R, Hanson ID, Altshuler JM, Bloomingdale RJ, **Abbas AE**, Young JR, Suri RM. *JTCVS Tech*. 2025 Apr 25;32:53-58. doi: 10.1016/j.xjtc.2025.04.009. eCollection 2025 Aug. PMID: 40814683

[Implantable Cardioverter-Defibrillators and Cardiovascular Resynchronization Therapy with Left Ventricular Assist DevicesA MOMENTUM 3 Trial Analysis.](#)

Sayer G, Ahmed MM, Mehra MR, Gosev I, Vidula H, Devore AD, **Horstmanshof DA**, Cleveland JC Jr, Stewart GC, Slaughter MS, Mudy K, Wang A, Uriel N. *J Card Fail*. 2025 Oct;31(10):1548-1557. doi: 10.1016/j.cardfail.2024.12.011. Epub 2025 Jan 22. PMID: 39855458

Presentations

[Omentoplasty for ventricular assist device infections: Encouraging outcomes.](#)

El Banayosy AM, George S, Vanhooser DW, Setiadi H, Freno DR, Bell MT, Elkins CC, Mihiu MR, **Horstmannshof DA**, El Banayosy A, Long JW. *JHLT Open*. 2025 Apr 4;8:100264. doi: 10.1016/j.jhlto.2025.100264. eCollection 2025 May. PMID: 40292043

[A Comprehensive Review of Left Atrial Venoarterial Extracorporeal Membrane Oxygenation.](#)

Jabri A, Kumar S, Shadid AM, Ramakrishna H, Giustino G, Fadel RA, O'Neill B, Alqarqaz M, Basir MB, Engel-Gonzalez P, Frisoli T, Genereux P, Bagur R, Jimenez-Rodriguez G, Hanson I, Abbas A, **Dixon S**, O'Neill W, Villablanca PA. *J Cardiothorac Vasc Anesth*. 2025 Sep;39(9):2468-2479. doi: 10.1053/j.jvca.2025.04.036. Epub 2025 Apr 28. PMID: 40404523

[Invasive urodynamic investigations in the management of women with refractory overactive bladder symptoms \(FUTURE\) in the UK: a multicentre, superiority, parallel, open-label, randomised controlled trial.](#)

Abdel-Fattah M, Chapple C, Cooper D, Breeman S, Bell-Gorrod H, Kuppanda P, Guerrero K, **Dixon S**, Cotterill N, Ward K, Hashim H, Monga A, Brown K, Drake M, Gammie A, Mostafa A, Bruce R, Bell V, Kennedy C, Evans S, MacLennan G, Norrie J; FUTURE Study Group. *Lancet*. 2025 Mar 29;405(10484):1057-1068. doi: 10.1016/S0140-6736(24)01886-5. Epub 2025 Mar 22. PMID: 40132616

[Is England's 10 year health plan fit for the future?](#)

Lee AC, Roberts W, **Dixon S**. *Public Health*. 2025 Nov;248:105919. doi: 10.1016/j.puhe.2025.105919. Epub 2025 Sep 10. PMID: 40934656

[Invasive urodynamic investigations in the management of women with refractory overactive bladder symptoms: FUTURE, a superiority RCT and economic evaluation.](#)

Abdel-Fattah M, Chapple C, Breeman S, Cooper D, Bell-Gorrod H, Kuppanda P, Guerrero K, **Dixon S**, Cotterill N, Ward K, Hashim H, Monga A, Brown K, Drake M, Gammie A, Mostafa A, Bruce R, Bell V, Kennedy C, Evans S, MacLennan G, Norrie J. *Health Technol Assess*. 2025 Jul;29(27):1-139. doi: 10.3310/UKYW4923. PMID: 40620147

[Development of a competency framework for health technology assessment in India.](#)

Dixon S, Tyagi K, Singh M, Kar SS, Bagepally BS, Prinja S, Booth A, Carroll C, Sohail A, Mehndiratta A. *BMJ Evid Based Med*. 2025 Nov 26;30(Suppl 2):s43-s47. doi: 10.1136/bmjebm-2023-112488. PMID: 39237367

[Urodynamic testing in refractory overactive bladder symptoms: the FUTURE study - Authors' reply.](#)

Abdel-Fattah M, Ward K, **Dixon S**, Chapple C, MacLennan G, Norrie J. *Lancet*. 2025 Nov 15;406(10517):2322-2324. doi: 10.1016/S0140-6736(25)02101-4. PMID: 41241512

[Coronary Artery Calcium as a Key Indicator of Chemotherapy Cardiotoxicity in Patients With Colorectal Cancer.](#)

Jabri A, Kumar S, Maligireddy AR, Anaya F, Matta M, Dehaini H, Sukhon F, Al-Abdoun A, Hammad N, Bloomingdale R, **Dixon S**, Trivax J, Aneja A, Balakumaran K. *Am J Ther.* 2025 Aug 18. doi: 10.1097/MJT.0000000000002045. Online ahead of print. PMID: 40815788

[Differences in Radiation Use in Left Atrial Appendage Occlusion Procedures Among Electrophysiology and Structural Operators.](#)

Demertzis ZD, Ahmad E, Chhabra K, Shoukri N, Haines D, **Dixon S**, Mehta N. *J Soc Cardiovasc Angiogr Interv.* 2025 Jan 21;4(1):102458. doi: 10.1016/j.jscai.2024.102458. eCollection 2025 Jan. PMID: 40061408

[Long-term cost-effectiveness of invasive urodynamic studies for overactive bladder in women.](#)

Bell-Gorrod H, Thokala P, Breeman S, Cooper D, MacLennan G, Abdel-Fattah M, **Dixon S**. *BJU Int.* 2025 Jul;136(1):82-94. doi: 10.1111/bju.16703. Epub 2025 Apr 19. PMID: 40251913

[Derivation of a South African tariff for the EQ-5D-5L using a personal utility function approach.](#)

Moolla A, Schneider P, Hofman K, Goldstein SJ, Thsehla E, **Dixon S**. *Int J Technol Assess Health Care.* 2025 Nov 21;41(1):e82. doi: 10.1017/S0266462325103292. PMID: 41267537

[Assessing Methods for Adjusting Estimates of Treatment Effectiveness for Patient Nonadherence in the Context of Time-to-Event Outcomes and Health Technology Assessment: A Simulation Study.](#)

Alshreef A, Latimer N, Tappenden P, **Dixon S**. *Med Decis Making.* 2025 Jan;45(1):60-73. doi: 10.1177/0272989X241293414. Epub 2024 Nov 8. PMID: 39520046

[Mid-term outcomes of balloon-expandable vs. self-expanding valves for valve-in-valve TAVR: Insights from the Michigan Structural Heart Consortium.](#)

Jabri A, Kumar S, Abbas A, Fang JX, Madanat L, Grossman P, Seth M, Chetcuti S, Mantey J, Suri R, Vivacqua A, Schwann T, **Dixon S**, Sukul D, Villablanca PA. *Cardiovasc Revasc Med.* 2026 Jun;87:42-48. doi: 10.1016/j.carrev.2025.10.005. Epub 2025 Oct 17. PMID: 41125469

[Increasing uptake of self-management education programmes for type 2 diabetes in primary care: the Embedding research programme including an RCT.](#)

Davies MJ, Agarwal S, Bodicoat DH, Brennan A, **Dixon S**, Eborall H, Glab A, Gray LJ, Hadjiconstantinou M, Huddleston L, Hudson N, Keetharuth A, Khunti K, Kristunas C, Martin G, Northern A, Patterson M, Pollard D, Pritchard R, Schreder S, Speight J, Stribling B, Sturt J, Turner J, Weis C. *Southampton (UK): National Institute for Health and Care Research; 2025 Feb.* PMID: 40036389

[International multispecialty consensus statement and expert opinion of best practices in telesurgery.](#)

Patel V, Collins JW, Marescaux J, Dohler M, Saikali S, Dasgupta P, Reddy S, Gamal A, Patel E, Rogers T, Siddiqui A, Breda A, Mottrie A, Hassan A, Hung A, Secord A, Rocco B, Pugh C, Sundaram C, Sighinolfi MC, Ellison EC, Davila EP, Wilson E, Balkhy H, Kaouk J, Liang C, Kavoussi LR, Roche M, Martino M, Anvari M, Sylla P, Coelho RF, Thomas R, Clayman R, Leveillee R, Estape R, Goldberg R, **Madder R**, Horgan S, Magnuson JS, Nathan S, Ross S, Costello A, Xu Z, Chauhan S, Redan J, Satava R, Miles B,

Sachdeva AK, Moschovas MC. *J Robot Surg.* 2025 Apr 1;19(1):135. doi: 10.1007/s11701-025-02298-1. PMID: 40167848

[Screening Patients for Elevated Left Ventricular End-Diastolic Pressure Using a Novel Noninvasive Brachial Cuff-ECG System: A Multicenter Validation Study.](#)

Shavelle D, Rinderknecht D, Jin W, Chiu WB, Krupa A, Jerdonek C, Cook K, Pahlevan N, Mendelsohn F, Cawthon T, Reeves R, McNamara R, **Madder R**, Nguyen H, Elsayed S, Yang T, Bahadorani J, LaMont D, Bailey S. *J Am Heart Assoc.* 2026 Jan 6;15(1):e040879. doi: 10.1161/JAHA.124.040879. Epub 2025 Dec 17. PMID: 41404757

[A Comprehensive Review of Left Atrial Venoarterial Extracorporeal Membrane Oxygenation.](#)

Jabri A, Kumar S, Shadid AM, Ramakrishna H, Giustino G, Fadel RA, O'Neill B, Alqarqaz M, Basir MB, Engel-Gonzalez P, Frisoli T, Genereux P, Bagur R, Jimenez-Rodriguez G, **Hanson I**, Abbas A, Dixon S, O'Neill W, Villablanca PA. *J Cardiothorac Vasc Anesth.* 2025 Sep;39(9):2468-2479. doi: 10.1053/j.jvca.2025.04.036. Epub 2025 Apr 28. PMID: 40404523

[Early U.S. Commercial Experience With a Novel Transcatheter Edge-to-Edge Repair System: Insights From Real-World Data.](#)

Waggoner T, Garcia S, Chakravarty T, Makar M, Latib A, Kipperman RM, Zahr F, **Hanson I**, Sinha AK, Sharma RP, Depta JP, Castellanos JA, Kodali S, Krishnaswamy A, Whisenant B, Menees D, Lim DS, Gilani F, Sanchez CE, Gheewala N, Gada H, Kapadia S, Ramanathan PK, Shah PB, Renard B, Theodos G, Yaryura R, Gardner B, Steinberg DH, Gnall E, Kaddissi G, Chhatrwalla AK, Frangieh AH, Eleid MF, Généreux P, Saxon JT, Villablanca P, Matar F, Agarwal H, Chetcuti S, Frisoli T, Makkar R. *JACC Cardiovasc Interv.* 2025 Aug 25;18(16):2036-2046. doi: 10.1016/j.jcin.2025.07.019. PMID: 40866033

[Left ventricular aneurysm repair with concomitant septal myectomy.](#)

Kindzelski B, Bloomingdale R, **Hanson I**, Coram R, Vivacqua A, Altshuler J, Schwann T, Suri RM. *JTCVS Tech.* 2025 Jul 24;33:108-109. doi: 10.1016/j.xjtc.2025.07.013. eCollection 2025 Oct. PMID: 41112484

[Transcatheter Aortic Valve Replacement for Severe Native Aortic Valve Regurgitation: A Multicenter and International Registry.](#)

Kumar S, Pershad A, Elison D, Thwe E, Farina J, Jabri A, **Hanson I**, Abbas A, Villablanca PA, Falluji N, Biscaglia S, Tumscitz C, Byrne T, Saia F, Moualla S, Naik H. *Struct Heart.* 2025 Nov 15;10(3):100762. doi: 10.1016/j.shj.2025.100762. eCollection 2026 Mar. PMID: 41766953

[Late Device Detachment Following Percutaneous Atrial Septal Defects Closure: A Robotic Surgical Rescue.](#)

Mohama D, **Hanson I**, Bloomingdale R, Comas G, Haddad A, Jabri A, Suri RM. *JACC Case Rep.* 2026 Jan 28;31(4):106226. doi: 10.1016/j.jaccas.2025.106226. Epub 2025 Dec 4. PMID: 41342807

[Long-Term Impact of GLP-1 Receptor Agonists on AF Recurrence After Ablation in Obese Patients.](#)

Patel H, Sheth A, Nair A, Patel B, Thakkar S, Narasimhan B, **Mehta N**, Azad Z, Kowlgi GN, Desimone CV, Siontis KC, Dani SS, Labedi MR, Deshmukh AJ. *J Cardiovasc Electrophysiol.* 2025 Aug;36(8):1808-1816. doi: 10.1111/jce.16737. Epub 2025 May 23. PMID: 40406931

Transcatheter Electrosurgical Closure of "Ventricularized" Left Atrial Appendage.

Madanat L, Jabri A, Bloomingdale R, Schott JP, Abbas AE, Renard B, Vivacqua A, **Mehta N**, Hanson ID. *JACC Cardiovasc Interv.* 2025 Mar 10;18(5):674-676. doi: 10.1016/j.jcin.2024.11.013. Epub 2025 Jan 22. PMID: 39846923

Atrial Fibrillation Incidence, Outcomes, and Management in Patients with Left Ventricular Assist Devices and Orthotopic Heart Transplants.

Allam S, Hajduczuk A, Sommer P, **Mehta N**. *Card Electrophysiol Clin.* 2025 Mar;17(1):99-107. doi: 10.1016/j.ccep.2024.10.002. Epub 2024 Dec 18. PMID: 39893041

Multisetting evaluation of Watch-PAT in obstructive sleep apnea diagnosis in patients with atrial fibrillation.

Stafford PL, Roth R, Ferguson J, Bilchick KC, Darby AE, Mazimba S, **Mehta N**, Davis EM, Bonner H, Cho Y, Logan J, Sobremonte-King M, Kwon Y. *J Clin Sleep Med.* 2025 Dec 1;21(12):2139-2154. doi: 10.5664/jcsm.11898. PMID: 41042241

Multisetting evaluation of Watch-PAT in obstructive sleep apnea diagnosis in patients with atrial fibrillation. *J Clin Sleep Med.* **2025**;21(12):2139-2154....

Differences in Radiation Use in Left Atrial Appendage Occlusion Procedures Among Electrophysiology and Structural Operators.

Demertzis ZD, Ahmad E, Chhabra K, Shoukri N, Haines D, Dixon S, **Mehta N**. *J Soc Cardiovasc Angiogr Interv.* 2025 Jan 21;4(1):102458. doi: 10.1016/j.jscai.2024.102458. eCollection 2025 Jan. PMID: 40061408

Identification of a Cardiac Myxoma on a Breast MRI.

Shoukri N, Hanna M, **Mehta N**, Chagas C, Stein L, Gallagher M. *JACC Case Rep.* 2025 Oct 15;30(32):105431. doi: 10.1016/j.jaccas.2025.105431. Epub 2025 Sep 16. PMID: 40956260

A call to action for an innovative and integrative approach to persistent atrial fibrillation: Perspectives from the Heart Rhythm Society Emerging Leaders Think Tank.

Cheung CC, Chyou JY, Baykaner T, Elshazly M, Hyman M, Lambrakos L, Lobban T, **Mehta N**, Michaud G, Navara R, Sridhar AR, Romero JE, Sanghai S, Shen S, Hills MT, Verma A, Wanna B, Curtis AB. *Heart Rhythm.* 2025 Nov;22(11):e1099-e1114. doi: 10.1016/j.hrthm.2025.07.056. Epub 2025 Sep 3. PMID: 40900061

Trajectories in renal perfusion pressure during hemodynamically guided therapy are associated with worsening renal function and patient outcomes.

Lin E, Bilchick K, **Mehta N**, Kwon Y, Ilonze O, Breathett K, Phiri J, Ernest R, Vidic A, Kabwe J, Bolaji O, Bandaru J, Mubanga M, Krittanawong C, Ashur N, Mazimba S. *J Cardiol.* 2026 Apr;87(4):314-322. doi: 10.1016/j.jjcc.2025.11.015. Epub 2025 Dec 3. PMID: 41349944

Anomalous Origin of Coronary Arteries: A Diagnostic Dilemma.

Madanat L, Jabri A, Gallagher M, **Cami E**, Bloomingdale R. *US Cardiol.* 2025 Apr 1;19:e09. doi: 10.15420/usc.2024.57. eCollection 2025. PMID: 40201305

[Percutaneous Closure of a Ruptured Sinus of Valsalva Aneurysm to Right Atrium Fistula.](#)

Kondoleon NP, Palomo A, Armstrong J, **Cami E**, Hanson ID. *Case Rep Cardiol.* 2025 Sep 25;2025:6634261. doi: 10.1155/cric/6634261. eCollection 2025. PMID: 41049361

[Combat-related peripheral nerve injuries.](#)

Howard IM, Sedarsky K, **Gallagher M**, Miller M, Puffer RC. *Muscle Nerve.* 2025 May;71(5):768-781. doi: 10.1002/mus.28168. Epub 2024 Jun 5. PMID: 38837797

[Anomalous Origin of Coronary Arteries: A Diagnostic Dilemma.](#)

Madanat L, Jabri A, **Gallagher M**, Cami E, Bloomingdale R. *US Cardiol.* 2025 Apr 1;19:e09. doi: 10.15420/usc.2024.57. eCollection 2025. PMID: 40201305

[Identification of a Cardiac Myxoma on a Breast MRI.](#)

Shoukri N, Hanna M, Mehta N, Chagas C, Stein L, **Gallagher M**. *JACC Case Rep.* 2025 Oct 15;30(32):105431. doi: 10.1016/j.jaccas.2025.105431. Epub 2025 Sep 16. PMID: 40956260

[Environmental assessment of Irish seafood: a case study of pelagic fishing.](#)

Cooney R, Kennedy A, **Gallagher M**, Wan AHL, Clifford E. *Sci Total Environ.* 2025 Sep 20;996:180161. doi: 10.1016/j.scitotenv.2025.180161. Epub 2025 Jul 31. PMID: 40749249

[Port-access robotic repair of myxomatous mitral valve endocarditis: Radical excision and reconstruction using proven techniques.](#)

Ghandour M, Malette K, Steafo L, **Gallagher M**, Wei L, Comas G, Bloomingdale R, Schwann TA, Suri RM. *JTCVS Tech.* 2025 Jun 11;33:87-89. doi: 10.1016/j.jxjtc.2025.05.021. eCollection 2025 Oct. PMID: 41112438

[Multicenter Study on the Safety of Pulsed Field Ablation in Over 40,000 Patients: MANIFEST-US.](#)

Turagam MK, Aryana A, Day JD, Dukkipati SR, Hounshell T, Nair D, Natale A, Weiner S, Cheung JW, Chinitz L, Cuoco F, Daccarett M, Dandamudi S, Gambhir A, Gandhavadi M, Kim J, Metzl MD, Mikaelian B, Peress D, Romero JE, Sanchez J, Sandler DA, Shaik NA, Shehata M, Siddique SM, Singh A, Singleton MJ, Sundaram S, Vivas Y, Waks JW, Yamamura KH, Zipse M, Ahn J, Al Chekakie O, Ali M, Ascandar N, Bansal S, Beaser AD, Bisla J, Brancato S, Callans DJ, Chang-Sing P, Chothia R, Dell'Orfano J, DeLurgio DB, Doshi SK, Erickson L, Gautam S, Gottipaty V, Goyal S, Gupta S, Hajjari J, Harding JD, Hennessey J, Ho H, Ho I, Hsu JC, Huang HD, Hutchinson M, Kaplan R, Karanam S, Kaushik N, Kenigsberg DN, Khan A, Knight B, Leyton-Mange J, Lim B, Maglione TJ, Malik B, McKillop M, Mehlhorn D, Mehta D, Mittal S, Nilsson KR, Omotoye S, Oral H, Panikkath R, Patel A, Perzanowski C, Rajendra A, Razminia M, Saba S, Sanchez JM, Satti DI, Sawhney N, Sharma D, Sheppard R, Singh M, Sra J, Stone JE, Sureddi R, Taylor M, Teigeler TL, Tholakanahalli V, Trivedi A, Trulock KM, Venkataraman G, Weitz D, **Williamson BD**, Winters SL, Wright JM, Wu R, Yoo D, Aizer A, Alyesh DD, Amado L, Borne R, Chalfoun N, Chang D, Davis M...See abstract for full author list → *J Am Coll Cardiol.* 2026 Jan 20;87(2):172-193. doi: 10.1016/j.jacc.2025.10.051. Epub 2025 Nov 10. PMID: 41389071

Each center treated a median of 412 patients (range 26-1,961 patients), totaling 41,968 patients between February 2024 and July **2025**. The median patient age was 68 years (range 17-99 years), and 56% were male. Most patients underwent first-time ablation (73%), primarily fo ...

[Practical Considerations for Variable Screening in the Super Learner.](#)

Williamson BD, King D, Huang Y.N Engl J Stat Data Sci. 2025 May 7;10.51387/25-nejsds82. doi: 10.51387/25-nejsds82. Online ahead of print.PMID: 41018563

[Behavior of prediction performance metrics with rare events.](#)

Minus E, Coley RY, Shortreed SM, **Williamson BD**.J Clin Epidemiol. 2026 Jan;189:112046. doi: 10.1016/j.jclinepi.2025.112046. Epub 2025 Nov 10.PMID: 41224138

[Resistance mutations that distinguish HIV-1 envelopes with discordant VRC01 phenotypes from multi-lineage infections in the HVTN703/HPTN081 trial: implications for cross-resistance.](#)

Cohen P, Lambson BE, Mkhize NN, Moodley C, Yssel AEJ, Moyo-Gwete T, York T, Gwashu-Nyangiwe A, Ndabambi N, Thebus R, Juraska M, deCamp AC, **Williamson BD**, Magaret CA, Gilbert PB, Westfall D, Deng W, Mullins JI, Morris L, Williamson C, Moore PL.J Virol. 2025 Feb 25;99(2):e0173024. doi: 10.1128/jvi.01730-24. Epub 2025 Jan 16.PMID: 39817771

[Early U.S. Commercial Experience With a Novel Transcatheter Edge-to-Edge Repair System: Insights From Real-World Data.](#)

Waggoner T, Garcia S, Chakravarty T, Makar M, Latib A, Kipperman RM, Zahr F, Hanson I, Sinha AK, Sharma RP, Depta JP, Castellanos JA, Kodali S, Krishnaswamy A, Whisenant B, Menees D, Lim DS, Gilani F, Sanchez CE, Gheewala N, Gada H, Kapadia S, Ramanathan PK, Shah PB, **Renard B**, Theodos G, Yaryura R, Gardner B, Steinberg DH, Gnall E, Kaddissi G, Chhatrwalla AK, Frangieh AH, Eleid MF, Généreux P, Saxon JT, Villablanca P, Matar F, Agarwal H, Chetcuti S, Frisoli T, Makkar R.JACC Cardiovasc Interv. 2025 Aug 25;18(16):2036-2046. doi: 10.1016/j.jcin.2025.07.019.PMID: 40866033

[Transcatheter Electrosurgical Closure of "Ventricularized" Left Atrial Appendage.](#)

Madanat L, Jabri A, Bloomingdale R, Schott JP, Abbas AE, **Renard B**, Vivacqua A, Mehta N, Hanson ID.JACC Cardiovasc Interv. 2025 Mar 10;18(5):674-676. doi: 10.1016/j.jcin.2024.11.013. Epub 2025 Jan 22.PMID: 39846923

[Evoque Transcatheter Tricuspid Valve Replacement for a Tetralogy of Fallot Patient.](#)

Madanat L, Jabri A, Bloomingdale R, Abbas AE, Villablanca P, Hanson ID, **Renard B**.JACC Cardiovasc Interv. 2025 Jul 28;18(14):1808-1810. doi: 10.1016/j.jcin.2025.05.009. Epub 2025 Jun 18.PMID: 40536460

[Invasive Versus Echocardiographic Aortic Valve Gradients Pre and Post Balloon-Expandable TAV-in-TAV for Failed TAVR Prosthesis.](#)

Madanat L, Hanson ID, Jabri A, **Renard B**, Abbas AE.JACC Asia. 2025 Jun;5(6):814-816. doi: 10.1016/j.jacasi.2025.02.016. Epub 2025 Apr 29.PMID: 40304647

[Trends in surgical and transcatheter interventions for tricuspid regurgitation: A national inpatient sample analysis from 2011 to 2020.](#)

Villablanca P, Jabri A, Alhuneafat L, Maligireddy A, Rasheed W, Kapcin K, Manalo K, Latib A, Giustino G, Fadel R, Al Abdouh A, Mhanna M, Amoroso N, Wang DD, O'Neill B, Bagur R, Madanat L, **Renard B**, Aggarwal V, Alqarqaz M, So K, Genereux P, Hanson ID, Abbas AE, O'Neill WW.Cardiovasc Revasc Med. 2025 Sep;78:97-103. doi: 10.1016/j.carrev.2024.11.005. Epub 2024 Nov 13.PMID: 39550306

[Concomitant Percutaneous Coronary Intervention and Mitral Transcatheter Edge-to-Edge Repair for Acute Ischemic Mitral Regurgitation From Papillary Muscle Rupture.](#)

Madanat L, Chandra R, Mazumder S, Bloomingdale R, Jabri A, Birk V, **Renard B**, Vyas R, Maraskine M, Hanson ID, Abbas AE. *Struct Heart*. 2025 Aug 12;9(10):100723. doi: 10.1016/j.shj.2025.100723. eCollection 2025 Oct. PMID: 40994664

[Aortic Endograft Infection: Timely Recognition Is Key.](#)

Al-Hani S, Madanat L, Van Loo A, Dixon SR, **Bloomingdale R**. *US Cardiol*. 2025 Jan 9;19:e02. doi: 10.15420/usc.2024.56. eCollection 2025. PMID: 39980878

[Transcatheter Electrosurgical Closure of "Ventricularized" Left Atrial Appendage.](#)

Madanat L, Jabri A, **Bloomingdale R**, Schott JP, Abbas AE, Renard B, Vivacqua A, Mehta N, Hanson ID. *JACC Cardiovasc Interv*. 2025 Mar 10;18(5):674-676. doi: 10.1016/j.jcin.2024.11.013. Epub 2025 Jan 22. PMID: 39846923

[Impact of Coronary Dominance on Atrioventricular Node Ablation Approach.](#)

Madanat L, Mazumder S, Kheyrbek M, Foglesong A, Baqain R, Kutinsky I, **Bloomingdale R**. *Am J Cardiol*. 2025 Dec 15;257:60-62. doi: 10.1016/j.amjcard.2025.07.039. Epub 2025 Aug 5. PMID: 40763887

[Left ventricular aneurysm repair with concomitant septal myectomy.](#)

Kindzelski B, **Bloomingdale R**, Hanson I, Coram R, Vivacqua A, Altshuler J, Schwann T, Suri RM. *JTCVS Tech*. 2025 Jul 24;33:108-109. doi: 10.1016/j.xjtc.2025.07.013. eCollection 2025 Oct. PMID: 41112484

[Anomalous Origin of Coronary Arteries: A Diagnostic Dilemma.](#)

Madanat L, Jabri A, Gallagher M, Cami E, **Bloomingdale R**. *US Cardiol*. 2025 Apr 1;19:e09. doi: 10.15420/usc.2024.57. eCollection 2025. PMID: 40201305

[Evoque Transcatheter Tricuspid Valve Replacement for a Tetralogy of Fallot Patient.](#)

Madanat L, Jabri A, **Bloomingdale R**, Abbas AE, Villablanca P, Hanson ID, Renard B. *JACC Cardiovasc Interv*. 2025 Jul 28;18(14):1808-1810. doi: 10.1016/j.jcin.2025.05.009. Epub 2025 Jun 18. PMID: 40536460

[Coronary Artery Calcium as a Key Indicator of Chemotherapy Cardiotoxicity in Patients With Colorectal Cancer.](#)

Jabri A, Kumar S, Maligireddy AR, Anaya F, Matta M, Dehaini H, Sukhon F, Al-Abdoun A, Hammad N, **Bloomingdale R**, Dixon S, Trivax J, Aneja A, Balakumaran K. *Am J Ther*. 2025 Aug 18. doi: 10.1097/MJT.0000000000002045. Online ahead of print. PMID: 40815788

[Port-access robotic repair of myxomatous mitral valve endocarditis: Radical excision and reconstruction using proven techniques.](#)

Ghandour M, Malette K, Steafo L, Gallagher M, Wei L, Comas G, **Bloomingdale R**, Schwann TA, Suri RM. *JTCVS Tech*. 2025 Jun 11;33:87-89. doi: 10.1016/j.xjtc.2025.05.021. eCollection 2025 Oct. PMID: 41112438

Heart failure and cardiomyopathy mortality trends and disparities among obese populations: A 20-year United States study.

Yeo YH, San BJ, Ahmad E, Tan MC, Sin YM, Jani M, **Bloomingdale RJ**.Prev Med. 2025 Jan;190:108179. doi: 10.1016/j.ypmed.2024.108179. Epub 2024 Nov 17.PMID: 39561854

Port-Access Robotic Repair of Barlow Mitral Annular Disjunction and Severe Mitral Valve Regurgitation.

Mahmood S, AbdalAziz M, Tarakji Z, Sankar P, **Bloomingdale R**, Comas G, Suri RM.Ann Thorac Surg Short Rep. 2025 Dec 17;4(2):651-653. doi: 10.1016/j.atssr.2025.11.024. eCollection 2026 Jun.PMID: 42267020

Late Device Detachment Following Percutaneous Atrial Septal Defects Closure: A Robotic Surgical Rescue.

Mohama D, Hanson I, **Bloomingdale R**, Comas G, Haddad A, Jabri A, Suri RM.JACC Case Rep. 2026 Jan 28;31(4):106226. doi: 10.1016/j.jaccas.2025.106226. Epub 2025 Dec 4.PMID: 41342807

Concomitant Percutaneous Coronary Intervention and Mitral Transcatheter Edge-to-Edge Repair for Acute Ischemic Mitral Regurgitation From Papillary Muscle Rupture.

Madanat L, Chandra R, Mazumder S, **Bloomingdale R**, Jabri A, Birk V, Renard B, Vyas R, Maraskine M, Hanson ID, Abbas AE.Struct Heart. 2025 Aug 12;9(10):100723. doi: 10.1016/j.shj.2025.100723. eCollection 2025 Oct.PMID: 40994664

Book Chapters:

NA

Abstracts