

Southcoast Health Authors Cardiovascular Providers Published Journal Articles

2024

1. Aksu T, Piotrowski R, Tung R, De Potter T, Markman TM, du Fay de Lavallaz J, Rekvava R, Alyesh D, Joza JE, Badertscher P, Do DH, Bradfield JS, Upadhyay G, **Sood N**, Sharma PS, Guler TE, Gul EE, Kumar V, Koektuerk B, Dal Forno ARJ, Woods CE, Rav-Acha M, Valeriano C, Enriquez A, Sundaram S, Glikson M, d'Avila A, Shivkumar K, Kulakowski P, Huang HD. **Procedural and Intermediate-term Results of the Electroanatomical-guided Cardioneuroablation for the Treatment of Supra-Hisian Second- or Advanced-degree Atrioventricular Block: the PIRECNA multicentre registry.** Europace. 2024 Jul 2;26(7). doi: 10.1093/europace/euae164. PubMed PMID: 38954426; PubMed Central PMCID: PMC11218561.
2. Barrett E, Ivey G, Cunningham A, Coffman G, Pemberton T, Lee C, Patra P, Day JB, **Lee PHU**, Shim JW. **Reduced GLP-1R availability in the caudate nucleus with Alzheimer's disease.** Front Aging Neurosci. 2024;16:1350239. doi: 10.3389/fnagi.2024.1350239. eCollection 2024. PubMed PMID: 38915346; PubMed Central PMCID: PMC11194438.
3. Boersma LVA, Natale A, Haines D, DeLurgio D, **Sood N**, Marchlinski F, Calkins H, Hoyt RH, Sanders P, Irwin J, Packer D, Mittal S, Durrani S, DiBiase L, Sangrigoli R, Tada H, Sasano T, Tomita H, Yamane T, Kuck KH, Wazni O, Tarakji K, Cerkenvenik J, van Bragt KA, Abeln BGS, Verma A. **Prevalence, Timing, and Impact of Early Recurrence of Atrial Tachyarrhythmias after Pulsed Field Ablation: A Secondary Analysis of the PULSED AF Trial.** Heart Rhythm. 2024 Jun 24;. doi: 10.1016/j.hrthm.2024.06.036. [Epub ahead of print] PubMed PMID: 38925335.
4. T, Tung R, De Potter T, Markman TM, Santangeli P, du Fay de Lavallaz J, Winterfield JR, Baykaner T, Alyesh D, Joza JE, Gopinathannair R, Badertscher P, Do DH, Hussein A, Osorio J, Dewland T, Perino A, Rodgers AJ, DeSimone C, Alfie A, Atwater BD, Singh D, Kumar K, Salcedo J, Bradfield JS, Upadhyay G, **Sood N**, Sharma PS, Gautam S, Kumar V, Forno ARJD, Woods CE, Rav-Acha M, Valeriano C, Kapur S, Enriquez A, Sundaram S, Glikson M, Gerstenfeld E, Piccini J, Tzou WS, Sauer W, d'Avila A, Shivkumar K, Huang HD. **Cardioneuroablation for the management of patients with recurrent vasovagal syncope and symptomatic bradyarrhythmias: the CNA-FWRD Registry.** J Interv Card Electrophysiol. 2024 Mar 18;. doi: 10.1007/s10840-024-01789-9. [Epub ahead of print] PubMed PMID: 38499825.
5. Dehghani P, Singh J, Mancini GBJ, Stanberry L, Bergstedt S, Madan M, Benziger CP, Ghasemzadeh N, Bortnick A, Kankaria R, Grines CL, Nayak K, Yildiz M, Alraies MC, Bagai A, Patel RAG, Amlani S, Case BC, Waksman R, Shavadia JS, Stone JH, Acharya D, **Javed N**, Bagur R, Garberich R, Garcia S, Henry TD. **Angiographic characteristics of Patients with STEMI and**

COVID-19 - Insights from NACMI Registry. Am Heart J. 2024 May;271:112-122. doi: 10.1016/j.ahj.2024.02.012 [Epub 2024 Feb 22.] PubMed PMID: 38395293

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1. Ren Z, Harriot AD, Mair DB, Chung MK, **Lee PHU**, Kim DH. **Biomanufacturing of 3D Tissue Constructs in Microgravity and their Applications in Human Pathophysiological Studies.** Adv Healthc Mater. 2023 Sep;12(23):e2300157. doi: 10.1002/adhm.202300157. Epub 2023 Aug 7. Review. PubMed PMID: 37483106.
2. Verma A, Haines DE, Boersma LV, **Sood N**, Natale A, Marchlinski FE, Calkins H, Sanders P, Packer DL, Kuck KH, Hindricks G, Tada H, Hoyt RH, Irwin JM, Andrade J, Cerkevnik J, Selma J, DeLurgio DB. **Influence of monitoring and atrial arrhythmia burden on quality of life and health care utilization in patients undergoing pulsed field ablation: A secondary analysis of the PULSED AF trial.** Heart Rhythm. 2023 Sep;20(9):1238-1245. doi: 10.1016/j.hrthm.2023.05.018. Epub 2023 May 19. PubMed PMID: 37211146.
3. Hart M, Conrad J, Barrett E, Legg K, Ivey G, **Lee PHU**, Yung YC, Shim JW. **X-linked hydrocephalus genes: Their proximity to telomeres and high A + T content compared to Parkinson's disease.** Exp Neurol. 2023 Aug;366:114433. doi: 10.1016/j.expneurol.2023.114433. Epub 2023 May 6. Review. PubMed PMID: 37156332; PubMed Central PMCID: PMC10330542.
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5. McKnight I, Raines R, White H, Nosoudi N, Lee C, **Lee PHU**, Shim JW. **Mutability of druggable kinases and pro-inflammatory cytokines by their proximity to telomeres and A+T content.** PLoS One. 2023;18(4):e0283470. doi: 10.1371/journal.pone.0283470. eCollection 2023. PubMed PMID: 37104389; PubMed Central PMCID: PMC10138820.
6. **Sood N**, Ashton V, Bessada Y, Galli K, Bookhart BK, Coleman CI. **Effectiveness and Safety of Rivaroxaban Versus Warfarin among Nonvalvular Atrial Fibrillation Patients with Concomitant Obstructive Sleep Apnea.** TH Open. 2023 Jan;7(1):e82-e93. doi: 10.1055/a-2013-3346. eCollection 2023 Jan. PubMed PMID: 37009629; PubMed Central PMCID: PMC10060096.

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1. Coleman CI, Costa OS, Brescia CW, Vardar B, Abdelgawwad K, Hofmeister L, **Sood N**. **A RIVA-DM Subanalysis Investigating Patients With Nonvalvular Atrial Fibrillation and Type 2 Diabetes Aged Under Versus Over 80 Years.** Clin Appl Thromb Hemost. 2022 Jan-

Dec;28:10760296221133083. doi: 10.1177/10760296221133083. PubMed PMID: 36377242; PubMed Central PMCID: PMC9666855.

2. White H, Webb R, McKnight I, Legg K, Lee C, **Lee PHU**, Spicer OS, Shim JW. **TRPV4 mRNA is elevated in the caudate nucleus with NPH but not in Alzheimer's disease.** Front Genet. 2022;13:936151. doi: 10.3389/fgene.2022.936151. eCollection 2022. PubMed PMID: 36406122; PubMed Central PMCID: PMC9670164.
3. Shrestha S, Plasseraud KM, Makati K, **Sood N**, Killu AM, Contractor T, Ahsan S, De Lurgio DB, Shults CC, Eldadah ZA, Russo AM, Knight B, Greenberg YJ, Yang F. **Hybrid Convergent ablation for atrial fibrillation: A systematic review and meta-analysis.** Heart Rhythm O2. 2022 Aug;3(4):396-404. doi: 10.1016/j.hroo.2022.05.006. eCollection 2022 Aug. PubMed PMID: 36097459; PubMed Central PMCID: PMC9463711.
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5. **Lee PHU**, Chung M, Ren Z, Mair DB, Kim DH. **Factors mediating spaceflight-induced skeletal muscle atrophy.** Am J Physiol Cell Physiol. 2022 Mar 1;322(3):C567-C580. doi: 10.1152/ajpcell.00203.2021. Epub 2022 Feb 16. Review. PubMed PMID: 35171699.
6. Wazni O, Dandamudi G, **Sood N**, Hoyt R, Tyler J, Durrani S, Niebauer M, Makati K, Halperin B, Gauri A, Morales G, Shao M, Pouliot E, Kaplon RE, Nissen SE. **Quality of life after the initial treatment of atrial fibrillation with cryoablation versus drug therapy.** Heart Rhythm. 2022 Feb;19(2):197-205. doi: 10.1016/j.hrthm.2021.10.009. Epub 2021 Oct 16. PubMed PMID: 34666139.

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2. Zhong W, Benissan-Messan DZ, Ma J, Cai C, **Lee PHU**. **Cardiac effects and clinical applications of MG53.** Cell Biosci. 2021 Jun 28;11(1):115. doi: 10.1186/s13578-021-00629-x. Review. PubMed PMID: 34183055; PubMed Central PMCID: PMC8240287.
3. Wazni OM, **Sood N**, Nissen SE. **Cryoablation as Initial Therapy for Atrial Fibrillation.** Reply. N Engl J Med. 2021 May 27;384(21):e82. doi: 10.1056/NEJMc2103408. PubMed PMID: 34042404.
4. Lucas HB, McKnight I, Raines R, Hijazi A, Hart C, Lee C, Kim DG, Li W, **Lee PHU**, Shim JW. **Factors Associated with Mutations: Their Matching Rates to Cardiovascular and Neurological Diseases.** Int J Mol Sci. 2021 May 11;22(10). doi: 10.3390/ijms22105057. PubMed PMID: 34064609; PubMed Central PMCID: PMC8151074.

5. Garcia S, Dehghani P, Grines C, Davidson L, Nayak KR, Saw J, Waksman R, Blair J, Akshay B, Garberich R, Schmidt C, Ly HQ, Sharkey S, Mercado N, Alfonso CE, Misumida N, Acharya D, Madan M, Hafiz AM, **Javed N**, Shavadia J, Stone J, Alraies MC, Htun W, Downey W, Bergmark BA, Ebinger J, Alyousef T, Khalili H, Hwang CW, Purow J, Llanos A, McGrath B, Tannenbaum M, Resar J, Bagur R, Cox-Alomar P, Stefanescu Schmidt AC, Cilia LA, Jaffer FA, Gharacholou M, Salinger M, Case B, Kabour A, Dai X, Elkhateeb O, Kobayashi T, Kim HH, Roumia M, Aguirre FV, Rade J, Chong AY, Hall HM, Amlani S, Bagherli A, Patel RAG, Wood DA, Welt FG, Giri J, Mahmud E, Henry TD. **Initial Findings From the North American COVID-19 Myocardial Infarction Registry.** J Am Coll Cardiol. 2021 Apr 27;77(16):1994-2003. doi: 10.1016/j.jacc.2021.02.055. PubMed PMID: 33888249; PubMed Central PMCID: PMC8054772.
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2020

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4. Miao B, Sood N, Bunz TJ, Coleman CI. **Rivaroxaban versus apixaban in non-valvular atrial fibrillation patients with end-stage renal disease or receiving dialysis.** Eur J Haematol. 2020 Apr;104(4):328-335. doi: 10.1111/ejh.13383. Epub 2020 Jan 29. PubMed PMID: 31925840.