

2020 THR Publications

Texas Health Arlington

[Albuterol-Induced Type B Lactic Acidosis: Not an Uncommon Finding.](#)

Meegada S, Muppidi V, Siddamreddy S, Challa T, Katta SK. Meegada S, et al. Cureus. 2020 May 25;12(5):e8269. doi: 10.7759/cureus.8269. Cureus. 2020. PMID: 32494543 Free PMC article.

[Arrhythmia in tumor lysis syndrome and associated in-hospital mortality: A nationwide inpatient analysis.](#)

Gangani K, Fong HK, Faisaluddin M, Lodhi MU, Manaktala P, Sadollikar A, Shah V, Gandhi Z, Abu Hassan F, Savani S, Doshi R, Desai R. Gangani K, et al. J Arrhythm. 2020 Dec 18;37(1):121-127. doi: 10.1002/joa3.12482. eCollection 2021 Feb. J Arrhythm. 2020. PMID: 33664894 Free PMC article.

[Burden and impact of takotsubo syndrome in myasthenic crisis: A national inpatient perspective on the under-recognized but potentially fatal association.](#)

Desai R, Abbas SA, Fong HK, Lodhi MU, Doshi R, Savani S, Gangani K, Sachdeva R, Kumar G. Desai R, et al. Int J Cardiol. 2020 Jan 15;299:63-66. doi: 10.1016/j.ijcard.2019.09.054. Epub 2019 Oct 8. Int J Cardiol. 2020. PMID: 31611084

[Coronavirus Disease 2019-Induced Rhabdomyolysis.](#)

Meegada S, Muppidi V, Wilkinson DC 3rd, Siddamreddy S, Katta SK. Meegada S, et al. Cureus. 2020 Aug 29;12(8):e10123. doi: 10.7759/cureus.10123. Cureus. 2020. PMID: 32879836 Free PMC article.

[Higher odds and rising trends in arrhythmia among young cannabis users with comorbid depression.](#)

Desai R, Thakkar S, Patel HP, Tan BE, Damarlapally N, Haque FA, Farheen N, DeWitt N, Savani S, Parisha FJ, Doshi R, Mansuri Z, Gangani K. Eur J Intern Med. 2020 Oct;80:24-28. doi: 10.1016/j.ejim.2020.04.048. Epub 2020 May 14. PMID: 32418705

[Impact of paroxysmal versus non-paroxysmal atrial fibrillation on outcomes in patients undergoing transcatheter mitral valve repair.](#)

Gangani K, Alkhaimy H, Patil N, Sitammagari K, Bhyan P, Arora S, Vavalle JP. Gangani K, et al. Cardiovasc Diagn Ther. 2020 Feb;10(1):31-35. doi: 10.21037/cdt.2019.08.06. Cardiovasc Diagn Ther. 2020. PMID: 32175225 Free PMC article.

[National prevalence, trends and outcomes of takotsubo syndrome in hospitalizations with prior history of mediastinal/intrathoracic cancer and radiation therapy.](#)

Desai R, Desai A, Abbas SA, Patel U, Bansod S, Damarlapally N, Doshi R, Savani S, Gangani K, Sachdeva R, Kumar G. Int J Cardiol. 2020 Jun 15;309:14-18. doi: 10.1016/j.ijcard.2020.02.036. Epub 2020 Feb 14. PMID: 32087939

[Prevalence, trends and in-hospital outcomes of takotsubo syndrome among United States cannabis users.](#)

Desai R, Desai A, Fong HK, Mahmood A, Shah K, Varakantam VR, Haque FA, Savani S, Gangani K, Kumar G, Sachdeva R. Int J Cardiol. 2020 Oct 1;316:43-46. doi: 10.1016/j.ijcard.2020.05.088. Epub 2020 Jun 6. PMID: 32512059

[Transcatheter Management of Left Ventricular Pseudoaneurysms.](#)

Brown KN, Singh R. 2020 Aug 24. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan-. PMID: 30725852

[Trends and effect of atrial fibrillation on inpatient outcomes after transcatheter aortic valve replacement.](#)

Patil N, Strassle PD, Arora S, Patel C, Gangani K, Vavalle JP. Cardiovasc Diagn Ther. 2020 Feb;10(1):3-11. doi: 10.21037/cdt.2019.05.05. PMID: 32175222

Texas Health Dallas

[A Nonpediatric Extrasosseous Ewing Sarcoma of the Pancreas: Differential Diagnosis and Therapeutic Strategies.](#)

Yohannan B, Feldman M. Yohannan B, et al. Case Rep Oncol Med. 2020 Jan 30;2020:2792750. doi: 10.1155/2020/2792750. eCollection 2020. Case Rep Oncol Med. 2020. PMID: 32082662 Free PMC article.

[Abnormal sympathetic neural recruitment patterns and hemodynamic responses to cold pressor test in women with posttraumatic stress disorder.](#)

Yoo JK, Badrov MB, Huang M, Bain RA, Dorn RP, Anderson EH, Wiblin JL, Suris A, Shoemaker JK, Fu Q. Yoo JK, et al. Am J Physiol Heart Circ Physiol. 2020 May 1;318(5):H1198-H1207. doi: 10.1152/ajpheart.00684.2019. Epub 2020 Apr 3. Am J Physiol Heart Circ Physiol. 2020. PMID: 32243771

[Abolish the Tilt Table Test for the Workup of Syncope!](#)

Kulkarni N, Mody P, Levine BD. Circulation. 2020 Feb 4;141(5):335-337. doi: 10.1161/CIRCULATIONAHA.119.043259. Epub 2020 Feb 3. PMID: 32011926

[Accelerometer-based navigation improves early patient-reported outcomes after gap-balanced total knee arthroplasty.](#)

Wood DS, Eckel TM, Kitziger KJ, Peters PC Jr, Gladnick BP. Wood DS, et al. J Orthop. 2020 Dec 24;23:37-40. doi: 10.1016/j.jor.2020.12.011. eCollection 2021 Jan-Feb. J Orthop. 2020. PMID: 33456213 Free PMC article.

[Acute Mitral Regurgitation and Transcatheter Mitral Valve Repair in an Emergency Case: Focus on the Mechanical Disorder of Mitral Valve Complex.](#)

Hayashi A, Mantha Y, Harada R. Heart Fail Clin. 2020 Apr;16(2):211-219. doi: 10.1016/j.hfc.2019.11.003. Epub 2020 Feb 11. PMID: 32143765

[Adaptations in autonomic nervous system regulation in normal and hypertensive pregnancy.](#)

Brooks VL, Fu Q, Shi Z, Heesch CM. Handb Clin Neurol. 2020;171:57-84. doi: 10.1016/B978-0-444-64239-4.00003-5. PMID: 32736759

[Adoption of Lightning Best-Practices Policies in the Secondary School Setting.](#)

Scarneo-Miller SE, Flanagan KW, Belval LN, Register-Mihalik JK, Casa DJ, DiStefano LJ. J Athl Train. 2020 Nov 5. doi: 10.4085/175-20. Online ahead of print. PMID: 33150373

[Age- and Sex-Based Differences in Exertional Heat Stroke Incidence in a 7-Mile Road Race.](#)

Belval LN, Giersch GEW, Adams WM, Hosokawa Y, Jardine JF, Katch RK, Stearns RL, Casa DJ. J Athl Train. 2020 Dec 1;55(12):1224-1229. doi: 10.4085/1062-6050-539-19. PMID: 33176353

[Age, body mass index, and weight gain do not increase sympathetic activity during pregnancy.](#)

Reyes LM, Badrov MB, Fu Q, Steinback CD, Davenport MH. Appl Physiol Nutr Metab. 2020 Sep;45(9):1041-1044. doi: 10.1139/apnm-2019-0704. Epub 2020 Apr 17. PMID: 32302501

[Airborne Allergic Contact Dermatitis to Vanillin.](#)

Kojder PL, Erickson CL. Dermatitis. 2020 Dec 1. doi: 10.1097/DER.0000000000000677. Online ahead of print. PMID: 33273232

[An assessment of hypercapnia-induced elevations in regional cerebral perfusion during combined orthostatic and heat stresses.](#)

Shibasaki M, Sato K, Hirasawa A, Sadamoto T, Crandall CG, Ogoh S. *J Physiol Sci*. 2020 May 4;70(1):25. doi: 10.1186/s12576-020-00751-4. PMID: 32366213

[An Unusual Cause of Postpolypectomy Bleeding.](#)

Kaila V, Desai A. *Gastroenterology*. 2020 Oct;159(4):e3-e5. doi: 10.1053/j.gastro.2020.02.063. Epub 2020 Mar 20. PMID: 32205169

[Anatomy, Abdomen and Pelvis, Spleen.](#)

Chaudhry SR, Luskin V, Panuganti KK. 2020 Jul 27. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan-. PMID: 29489170

[Apolipoprotein E ε4 Allele is Associated With Plasma Amyloid Beta and Amyloid Beta Transporter Levels: A Cross-sectional Study in a Rural Area of Xi'an, China.](#)

Wei S, Gao L, Jiang Y, Shang S, Chen C, Dang L, Zhao B, Zhang J, Wang J, Huo K, Wang J, Zhang R, Qu Q. *Am J Geriatr Psychiatry*. 2020 Feb;28(2):194-204. doi: 10.1016/j.jagp.2019.06.011. Epub 2019 Jun 28. PMID: 31350163

[Arrhythmia in tumor lysis syndrome and associated in-hospital mortality: A nationwide inpatient analysis.](#)

Gangani K, Fong HK, Faisaluddin M, Lodhi MU, Manaktala P, Sadolikar A, Shah V, Gandhi Z, Abu Hassan F, Savani S, Doshi R, Desai R. *J Arrhythm*. 2020 Dec 18;37(1):121-127. doi: 10.1002/joa3.12482. eCollection 2021 Feb. PMID: 33664894

[Arterial and Venous Cerebral Blood Flow Velocities and Their Correlation in Healthy Volunteers and Traumatic Brain Injury Patients.](#)

Cardim D, Czosnyka M, Chandrapatham K, Badenes R, Bertuccio A, Corradi F, Donnelly J, Pelosi P, Hutchinson PJ, Robba C. *J Neurosurg Anesthesiol*. 2020 Jun 16. doi: 10.1097/ANA.0000000000000704. Online ahead of print. PMID: 32555064

[Back to Basics: Key Physical Examinations and Theories in Patients with Heart Failure.](#)

Harada R, Mantha Y, Hieda M, Harada R, et al. Heart Fail Clin. 2020 Apr;16(2):139-151. doi: 10.1016/j.hfc.2019.12.001. Heart Fail Clin. 2020. PMID: 32143759 Review.

[Brain Perfusion Change in Patients with Mild Cognitive Impairment After 12 Months of Aerobic Exercise Training.](#)

Thomas BP, Tarumi T, Sheng M, Tseng B, Womack KB, Cullum CM, Rypma B, Zhang R, Lu H. J Alzheimers Dis. 2020;75(2):617-631. doi: 10.3233/JAD-190977. PMID: 32310162

[Broader adaptive range of sympathetic burst size in response to blood pressure change in older women with greater arterial stiffness.](#)

Okada Y, Galbreath MM, Jarvis SS, Shibata S, Vongpatanasin W, Levine BD, Fu Q. Okada Y, et al. J Physiol. 2020 Aug;598(16):3331-3341. doi: 10.1113/JP279877. Epub 2020 Jun 16. J Physiol. 2020. PMID: 32449522 Free PMC article.

[Burn Injury Does Not Exacerbate Heat Strain during Exercise while Wearing Body Armor.](#)

Fischer M, Cramer MN, Huang MU, Belval LN, Watso JC, Cimino FA, Crandall CG. Med Sci Sports Exerc. 2020 Oct;52(10):2235-2241. doi: 10.1249/MSS.0000000000002375. PMID: 32936596

[Cannabinoid hyperemesis syndrome: A case study and discussion.](#)

Creedon ES, Maloy MK, DelloStritto RA. J Am Assoc Nurse Pract. 2020 Mar;32(3):269-276. doi: 10.1097/JXX.0000000000000215. PMID: 31274681

[Cardiac Mechanoenergetics in Patients with Acute Myocardial Infarction: From Pressure-Volume Loop Diagram Related to Cardiac Oxygen Consumption.](#)

Hieda M, Goto Y. Heart Fail Clin. 2020 Jul;16(3):255-269. doi: 10.1016/j.hfc.2020.02.002. PMID: 32503750

[Carotid Arterial Stiffness and Cerebral Blood Flow in Amnestic Mild Cognitive Impairment.](#)

Tomoto T, Sugawara J, Tarumi T, Chiles C, Curtis B, Pasha EP, Cullum CM, Zhang R. *Curr Alzheimer Res.* 2020;17(12):1115-1125. doi: 10.2174/1567205018666210113155646.PMID: 33441064

[Carotid Artery Stenting in Asymptomatic Carotid Artery Stenosis: JACC Review Topic of the Week.](#)

Beckman JA, Ansel GM, Lyden SP, Das TS. *J Am Coll Cardiol.* 2020 Feb 18;75(6):648-656. doi: 10.1016/j.jacc.2019.11.054.PMID: 32057380

[Carotid Stiffness is Associated with Brain Amyloid- \$\beta\$ Burden in Amnestic Mild Cognitive Impairment.](#)

Pasha EP, Rutjes E, Tomoto T, Tarumi T, Stowe A, Claassen JAHR, Munro Cullum C, Zhu DC, Zhang R. *J Alzheimers Dis.* 2020;74(3):925-935. doi: 10.3233/JAD-191073.PMID: 32083583

[Cell-free mitochondrial DNA increases in maternal circulation during healthy pregnancy: a prospective, longitudinal study.](#)

Cushen SC, Sprouse ML, Blessing A, Sun J, Jarvis SS, Okada Y, Fu Q, Romero SA, Phillips NR, Goulopoulou S. *Am J Physiol Regul Integr Comp Physiol.* 2020 Feb 1;318(2):R445-R452. doi: 10.1152/ajpregu.00324.2019. Epub 2020 Jan 8.PMID: 31913687

[Central autonomic network functional connectivity: correlation with baroreflex function and cardiovascular variability in older adults.](#)

Ding K, Tarumi T, Wang C, Vernino S, Zhang R, Zhu DC. *Brain Struct Funct.* 2020 Jun;225(5):1575-1585. doi: 10.1007/s00429-020-02075-w. Epub 2020 Apr 30.PMID: 32350644

[Cerebral Vasomotor Reactivity in Amnestic Mild Cognitive Impairment.](#)

Tomoto T, Tarumi T, Chen J, Pasha EP, Cullum CM, Zhang R. *J Alzheimers Dis.* 2020;77(1):191-202. doi: 10.3233/JAD-200194.PMID: 32716360

Cerebral vasomotor reactivity during hypo- and hypercapnia across the adult lifespan.

Tomoto T, Riley J, Turner M, Zhang R, Tarumi T.J Cereb Blood Flow Metab. 2020 Mar;40(3):600-610. doi: 10.1177/0271678X19828327. Epub 2019 Feb 15.PMID: 30764704

Cerebral White Matter Integrity in Amnesic Mild Cognitive Impairment: A 1-Year Randomized Controlled Trial of Aerobic Exercise Training.

Tarumi T, Thomas BP, Tseng BY, Wang C, Womack KB, Hynan L, Lu H, Cullum CM, Zhang R.J Alzheimers Dis. 2020;73(2):489-501. doi: 10.3233/JAD-190875.PMID: 31796677 Clinical Trial.

Chemically Activated Cooling Vest's Effect on Cooling Rate Following Exercise-Induced Hyperthermia: A Randomized Counter-Balanced Crossover Study.

Hosokawa Y, Belval LN, Adams WM, Vandermark LW, Casa DJ.Medicina (Kaunas). 2020 Oct 14;56(10):539. doi: 10.3390/medicina56100539.PMID: 33066469

Chemoradiotherapy for patients with locally advanced or unresectable extra-hepatic biliary cancer.

Jethwa KR, Sannapaneni S, Mullikin TC, Harmsen WS, Petersen MM, Antharam P, Laughlin B, Mahipal A, Halfdanarson TR, Merrell KW, Neben-Wittich M, Sio TT, Haddock MG, Hallemeier CL.J Gastrointest Oncol. 2020 Dec;11(6):1408-1420. doi: 10.21037/jgo-20-245.PMID: 33457010

[Commentaries on Viewpoint: Time to reconsider how ventilation is regulated above the respiratory compensation point during incremental exercise.](#)

Sheel AW, Scheinowitz M, Iannetta D, Murias JM, Keir DA, Balmain BN, Wilhite DP, Babb TG, Toffoli G, Silva BM, da Silva GSF, Gruet M, Romain AJ, Pageaux B, Sousa FAB, Rodrigues NA, de Araujo GG, Bossi AH, Hopker J, Brietzke C, Pires FO, Angius LJ Appl Physiol (1985). 2020 May 1;128(5):1450-1455. doi: 10.1152/jappphysiol.00259.2020.PMID: 32412390

[Comparison between a facemask and mouthpiece on breathing mechanics and gas exchange variables during high-intensity exercise.](#)

Freemas JA, Wilhite DP, Greenshields JT, Adamic EM, Mickleborough TD. Eur J Sport Sci. 2020 Mar;20(2):211-218. doi: 10.1080/17461391.2019.1628309. Epub 2019 Jun 18. PMID: 31165674

[Creation and implementation of a European registry for patients with McArdle disease and other muscle glycogenoses \(EUROMAC registry\).](#)

Pinós T, Andreu AL, Bruno C, Hadjigeorgiou GM, Haller RG, Laforêt P, Lucia A, Martin MA, Martinuzzi A, Navarro C, Oflazer P, Pouget J, Quinlivan R, Sacconi S, Scalco RS, Toscano A, Vissing J, Vorgerd M, Wakelin A, Marti R; EUROMAC Consortium. Orphanet J Rare Dis. 2020 Oct 15;15(1):187. doi: 10.1186/s13023-020-01455-z. PMID: 33054807

[Daily generation of a footward fluid shift attenuates ocular changes associated with head-down tilt bed rest.](#)

Lawley JS, Babu G, Janssen SLJE, Petersen LG, Hearon CM Jr, Dias KA, Sarma S, Williams MA, Whitworth LA, Levine BD. Lawley JS, et al. J Appl Physiol (1985). 2020 Nov 1;129(5):1220-1231. doi: 10.1152/jappphysiol.00250.2020. Epub 2020 Sep 17. J Appl Physiol (1985). 2020. PMID: 32940563

Dietary nitrate supplementation does not influence thermoregulatory or cardiovascular strain in older individuals during severe ambient heat stress.

Cramer MN, Hieda M, Huang M, Moralez G, Crandall CG. Cramer MN, et al. Exp Physiol. 2020 Oct;105(10):1730-1741. doi: 10.1113/EP088834. Epub 2020 Aug 31. Exp Physiol. 2020. PMID: 32816341 Free PMC article.

Disseminated Dermal Gout.

Gill J, Feldman M. Am J Med Sci. 2020 Mar;359(3):181. doi: 10.1016/j.amjms.2019.08.007. Epub 2019 Aug 27. PMID: 31607379 No

Early onset neurocirculatory response to static handgrip is associated with greater blood pressure variability in women with posttraumatic stress disorder.

Yoo JK, Badrov MB, Parker RS, Anderson EH, Wiblin JL, North CS, Suris A, Fu Q. Am J Physiol Heart Circ Physiol. 2020 Jan 1;318(1):H49-H58. doi: 10.1152/ajpheart.00490.2019. Epub 2019 Nov 22. PMID: 31756119

Effect of Out-of-Hospital Tranexamic Acid vs Placebo on 6-Month Functional Neurologic Outcomes in Patients With Moderate or Severe Traumatic Brain Injury.

Rowell SE, Meier EN, McKnight B, Kannas D, May S, Sheehan K, Bulger EM, Idris AH, Christenson J, Morrison LJ, Frascione RJ, Bosarge PL, Colella MR, Johannigman J, Cotton BA, Callum J, McMullan J, Dries DJ, Tibbs B, Richmond NJ, Weisfeldt ML, Tallon JM, Garrett JS, Zielinski MD, Aufderheide TP, Gandhi RR, Schlamp R, Robinson BRH, Jui J, Klein L, Rizoli S, Gamber M, Fleming M, Hwang J, Vincent LE, Williams C, Hendrickson A, Simonson R, Klotz P, Sopko G, Witham W, Ferrara M, Schreiber MA. JAMA. 2020 Sep 8;324(10):961-974. doi: 10.1001/jama.2020.8958. PMID: 32897344

[Effectiveness and Safety of a Paclitaxel-Eluting Stent for Superficial Femoral Artery Lesions up to 190 mm: One-Year Outcomes of the Single-Arm IMPERIAL Long Lesion Substudy of the Eluvia Drug-Eluting Stent.](#)

Golzar J, Soga Y, Babaev A, Iida O, Kawasaki D, Bachinsky W, Park J, Prem JT, Vermassen F, Diaz-Cartelle J, Müller-Hülsbeck S, Gray WA. *J Endovasc Ther.* 2020 Apr;27(2):296-303. doi: 10.1177/1526602820901723. Epub 2020 Jan 28. PMID: 31989856 Clinical Trial.

[Effects of Age and Sex on Optic Nerve Sheath Diameter in Healthy Volunteers and Patients With Traumatic Brain Injury.](#)

Cardim D, Czosnyka M, Chandrapatham K, Badenes R, Bertuccio A, Noto AD, Donnelly J, Pelosi P, Ball L, Hutchinson PJ, Robba C. Cardim D, et al. *Front Neurol.* 2020 Aug 7;11:764. doi: 10.3389/fneur.2020.00764. eCollection 2020. *Front Neurol.* 2020. PMID: 32849220 Free PMC article.

[Effects of Community-Based Exercise in Adults With Severe Burns: A Randomized Controlled Trial.](#)

Voigt CD, Fonceerrada G, Peña R, Guillory AN, Andersen CR, Crandall CG, Wolf SE, Herndon DN, Suman OE. Voigt CD, et al. *Arch Phys Med Rehabil.* 2020 Jan;101(1S):S36-S41. doi: 10.1016/j.apmr.2017.12.022. Epub 2018 Jan 31. *Arch Phys Med Rehabil.* 2020. PMID: 29366724 Free PMC article. Clinical Trial.

[Effects of short-term warm water immersion on cardiac baroreflex sensitivity in healthy men.](#)

Sugawara J, Tomoto T. *J Physiol Sci.* 2020 Jul 9;70(1):34. doi: 10.1186/s12576-020-00762-1. PMID: 32646375

Elevated exercise blood pressure in middle-aged women is associated with altered left ventricular and vascular stiffness.

Sarma S, Howden E, Carrick-Ranson G, Lawley J, Hearon C, Samels M, Everding B, Livingston S, Adams-Huet B, Palmer MD, Levine BD. *J Appl Physiol* (1985). 2020 May 1;128(5):1123-1129. doi: 10.1152/jappphysiol.00458.2019. Epub 2020 Apr 2. PMID: 32240019

Endothelial function in response to exercise in the cold in patients with coronary artery disease.

Valtonen RIP, Ikäheimo TM, Hintsala HE, Ryti NRI, Hautala A, Perkiömäki JS, Crandall CG, Mäntysaari M, Jaakkola JJK, Kiviniemi AM. *Clin Physiol Funct Imaging*. 2020 Jul;40(4):245-256. doi: 10.1111/cpf.12631. Epub 2020 Apr 20. PMID: 32227393

Evolution of Pulmonary Hypertension During Severe Sustained Hypoxia.

Hoffmann F, Limper U, Zaha VG, Reuter H, Zange L, Schulz-Menger J, Hein M, Baldus S, Levine BD, Jordan J, Tank J. *Circulation*. 2020 May 5;141(18):1504-1506. doi: 10.1161/CIRCULATIONAHA.119.045192. Epub 2020 May 4. PMID: 32364773

Exercise Core Temperature Response with a Simulated Burn Injury: Effect of Body Size.

Cramer MN, Morales G, Huang MU, Kouda K, Poh PYS, Crandall CG. *Med Sci Sports Exerc*. 2020 Mar;52(3):705-711. doi: 10.1249/MSS.0000000000002160. PMID: 31524829

Exercise Is Medicine? The Cardiorespiratory Implications of Ultra-marathon.

Tiller NB, Stewart GM, Illidi CR, Levine BD. *Curr Sports Med Rep*. 2020 Aug;19(8):290-297. doi: 10.1249/JSR.0000000000000738. PMID: 32769665

[Exercise Thermoregulation with a Simulated Burn Injury: Impact of Air Temperature.](#)

Cramer MN, Morales G, Huang MU, Kouda K, Poh PYS, Crandall CG. Med Sci Sports Exerc. 2020 Mar;52(3):712-719. doi: 10.1249/MSS.0000000000002184. PMID: 31609298

[Exercise Training Improves Microvascular Function in Burn Injury Survivors.](#)

Romero SA, Morales G, Jaffery MF, Huang MU, Engelland RE, Cramer MN, Crandall CG. Med Sci Sports Exerc. 2020 Nov;52(11):2430-2436. doi: 10.1249/MSS.0000000000002379. PMID: 33064412

[Exertional Heat Illness Preparedness Strategies: Environmental Monitoring Policies in United States High Schools.](#)

Scarneo-Miller SE, Belval LN, Yeargin SW, Hosokawa Y, Kerr ZY, Casa DJ. Medicina (Kaunas). 2020 Sep 23;56(10):486. doi:10.3390/medicina56100486. PMID: 32977387

[External dead space explains sex-differences in the ventilatory response to submaximal exercise in children with and without obesity.](#)

Balmain BN, Wilhite DP, Bhammar DM, Babb TG. Respir Physiol Neurobiol. 2020 Aug;279:103472. doi: 10.1016/j.resp.2020.103472. Epub 2020 Jun 5. PMID: 32512232

[Factors associated with quality of life in cutaneous lupus erythematosus using the Revised Wilson and Cleary Model.](#)

Ogunsanya ME, Cho SK, Hudson A, Chong BF. Lupus. 2020 Nov;29(13):1691-1703. doi: 10.1177/0961203320951842. Epub 2020 Sep 3. PMID: 32883161

[Feasibility assessment for use of Rh-positive blood products during emergency resuscitation in the North Texas trauma population.](#)

Edmundson P, Vandertulip KR. Proc (Bayl Univ Med Cent). 2020 Aug 3;33(4):532-535. doi: 10.1080/08998280.2020.1793648. PMID: 33100522

[Financial impact of removal of total knee arthroplasty from the inpatient-only list for a physician-owned BPCI program.](#)

Rizkalla JM, Bhimani AA, Kitziger KJ, Peters PC Jr, Schubert RD, Gladnick BP. J Orthop. 2020 Jan 30;20:221-223. doi: 10.1016/j.jor.2020.01.045. eCollection 2020 Jul-Aug. PMID: 32051673

[Five-Year Outcomes of Transcatheter or Surgical Aortic-Valve Replacement.](#)

Makkar RR, Thourani VH, Mack MJ, Kodali SK, Kapadia S, Webb JG, Yoon SH, Trento A, Svensson LG, Herrmann HC, Szeto WY, Miller DC, Satler L, Cohen DJ, Dewey TM, Babaliaros V, Williams MR, Kereiakes DJ, Zajarias A, Greason KL, Whisenant BK, Hodson RW, Brown DL, Fearon WF, Russo MJ, Pibarot P, Hahn RT, Jaber WA, Rogers E, Xu K, Wheeler J, Alu MC, Smith CR, Leon MB; PARTNER 2 Investigators. N Engl J Med. 2020 Jan 29;382(9):799-809. doi: 10.1056/NEJMoa1910555. Print 2020 Feb 27. PMID: 31995682 Clinical Trial.

[Global Reach 2018 Heightened \$\alpha\$ -Adrenergic Signaling Impairs Endothelial Function During Chronic Exposure to Hypobaric Hypoxia.](#)

Tymko MM, Lawley JS, Ainslie PN, Hansen AB, Hofstaetter F, Rainer S, Amin S, Moralez G, Gasho C, Vizcardo-Galindo G, Bermudez D, Villafuerte FC, Hearon CM Jr. Circ Res. 2020 Jul 3;127(2):e1-e13. doi: 10.1161/CIRCRESAHA.119.316053. Epub 2020 Apr 9. PMID: 32268833

[High levels of dd-cfDNA identify patients with TCMR 1A and borderline allograft rejection at elevated risk of graft injury.](#)

Stites E, Kumar D, Olaitan O, John Swanson S, Leca N, Weir M, Bromberg J, Melancon J, Agha I, Fattah H, Alhamad T, Qazi Y, Wiseman A, Gupta G. Am J Transplant. 2020 Sep;20(9):2491-2498. doi: 10.1111/ajt.15822. Epub 2020 Mar 10. PMID: 32056331

[How to Manage Temporary Mechanical Circulatory Support Devices in the Critical Care Setting: Translating Physiology to the Bedside.](#)

Rao P, Katz D, Hieda M, Sabe M. Heart Fail Clin. 2020 Jul;16(3):283-293. doi: 10.1016/j.hfc.2020.03.001. PMID: 32503752

[Impact of severe obesity on exercise performance in heart failure with preserved ejection fraction.](#)

Sarma S, MacNamara J, Livingston S, Samels M, Haykowsky MJ, Berry J, Levine BD. Sarma S, et al. Physiol Rep. 2020 Nov;8(22):e14634. doi: 10.14814/phy2.14634. Physiol Rep. 2020. PMID: 33207080 Free PMC article.

[Impact of sex and age on metabolism, sympathetic activity, and hypertension.](#)

Yoo JK, Fu Q. Yoo JK, et al. FASEB J. 2020 Sep;34(9):11337-11346. doi: 10.1096/fj.202001006RR. Epub 2020 Aug 10. FASEB J. 2020. PMID: 32779294 Review.

[Impact of Treatment with Direct Acting Antiviral Drugs on Glycemic Control in Patients with Hepatitis C and Diabetes Mellitus.](#)

Mada PK, Malus ME, Parvathaneni A, Chen B, Castano G, Adley S, Moore M, Hieda M, Alam MJ, Feldman M, King JW. Int J Hepatol. 2020 Jan 13;2020:6438753. doi: 10.1155/2020/6438753. eCollection 2020. PMID: 32395351

[Impaired cerebral blood flow regulation in chronic traumatic brain injury.](#)

Ding K, Tarumi T, Tomoto T, Mccolloster M, Le T, Dieppa M, Diaz-Arrastia R, Bell K, Madden C, Cullum CM, Zhang R. Ding K, et al. Brain Res. 2020 Sep 15;1743:146924. doi: 10.1016/j.brainres.2020.146924. Epub 2020 Jun 4. Brain Res. 2020. PMID: 32505751

[Incidence of Recurrent Exertional Heat Stroke in a Warm-Weather Road Race.](#)

Stearns RL, Hosokawa Y, Adams WM, Belval LN, Huggins RA, Jardine JF, Katch RK, Davis RJ, Casa DJ. Stearns RL, et al. Medicina (Kaunas). 2020 Dec 21;56(12):720. doi: 10.3390/medicina56120720. Medicina (Kaunas). 2020. PMID: 33371206 Free PMC article.

[Increased Myocardial Stiffness in Patients With High-Risk Left Ventricular Hypertrophy: The Hallmark of Stage-B Heart Failure With Preserved Ejection Fraction.](#)

Hieda M, Sarma S, Hearon CM Jr, Dias KA, Martinez J, Samels M, Everding B, Palmer D, Livingston S, Morris M, Howden E, Levine BD. Circulation. 2020 Jan 14;141(2):115-123. doi: 10.1161/CIRCULATIONAHA.119.040332. Epub 2019 Dec 23. PMID: 31865771

[Influence of multiparity on sympathetic nerve activity during normal pregnancy.](#)

Badrov MB, Yoo JK, Steinback CD, Davenport MH, Fu Q. Am J Physiol Heart Circ Physiol. 2020 Apr 1;318(4):H816-H819. doi: 10.1152/ajpheart.00056.2020. Epub 2020 Mar 6. PMID: 32142381

[Influence of State-Level Emergency Planning Policy Requirements on Secondary School Adoption.](#)

Scarneo-Miller SE, Kerr ZY, Adams WM, Belval LN, Casa DJ. J Athl Train. 2020 Oct 1;55(10):1062-1069. doi: 10.4085/1062-6050-118-19. PMID: 32818958

[Instructional and Assessment Redesign of a Sterile Compounding Course Using Immersive Simulation.](#)

Monestime S, Thomas D, Hooper CD, Day T, Suzuki S, Martin RD. Am J Pharm Educ. 2020 Feb;84(2):7473. doi: 10.5688/ajpe7473. PMID: 32226068

[Invasive Group B Streptococcal Infection with Toxic Shock-Like Syndrome in a Postsplenectomy Patient.](#)

Mada PK, Castano G, Joel Chandranesan AS. Case Rep Infect Dis. 2020 Feb 13;2020:4048610. doi: 10.1155/2020/4048610. eCollection 2020. PMID: 32099700

[JAK Inhibitors: What Is New?](#)

Reddy V, Cohen S. Curr Rheumatol Rep. 2020 Jul 22;22(9):50. doi:10.1007/s11926-020-00931-6. PMID: 32700001

[Keeping older individuals cool in hot and moderately humid conditions: wetted clothing with and without an electric fan.](#)

Cramer MN, Huang M, Morales G, Crandall CG. Cramer MN, et al. J Appl Physiol (1985). 2020 Mar 1;128(3):604-611. doi: 10.1152/jappphysiol.00786.2019. Epub 2020 Feb 6. J Appl Physiol (1985). 2020. PMID: 32027545 Free PMC article.

[Letter to Editor: Warmed Blanket Use Among Nursing Home Residents.](#)

Cooper SK, Krogh ML, Kelly PA. Pain Manag Nurs. 2020 Dec 12;S15249042(20)30222-8. doi: 10.1016/j.pmn.2020.11.004. Online ahead of print. PMID: 33323347

[Low-dose keta mine affects blood pressure, but not muscle sympathetic nerve activity, during progressive central hypovolemia without altering tolerance.](#)

Huang M, Watso JC, Morales G, Cramer MN, Hendrix JM, Yoo JK, Badrov MB, Fu Q, Hinojosa-Laborde C, Crandall CG. Huang M, et al. J Physiol. 2020 Dec;598(24):5661-5672. doi: 10.1113/JP280491. Epub 2020 Oct 20. J Physiol. 2020. PMID: 33084081 Clinical Trial.

[Management of Common Cardiovascular Emergencies in Critically Ill Patients.](#)

Mantha Y, Harada R, Hieda M. Heart Fail Clin. 2020 Apr;16(2):153-166. doi: 10.1016/j.hfc.2019.11.001. PMID: 32143760

[Mechanical circulatory support following out-of-hospital cardiac arrest: Insights from the National Cardiogenic Shock Initiative.](#)

Goldsweig AM, Tak HJ, Alraies MC, Park J, Smith C, Baker J, Lin L, Patel N, O'Neill WW, Basir MB; National Cardiogenic Shock Initiative Investigators. Cardiovasc Revasc Med. 2020 Dec 22:S1553-8389(20)30807-1. doi: 10.1016/j.carrev.2020.12.021. Online ahead of print. PMID: 33358390

[Mechanisms of Chronotropic Incompetence in Heart Failure With Preserved Ejection Fraction.](#)

Sarma S, Stoller D, Hendrix J, Howden E, Lawley J, Livingston S, Adams-Huet B, Holmes C, Goldstein DS, Levine BD. Circ Heart Fail. 2020 Mar;13(3):e006331. doi: 10.1161/CIRCHEARTFAILURE.119.006331. Epub 2020 Mar 13. PMID: 32164435

[Mechanisms of sympathetic restraint in human skeletal muscle during exercise: role of \$\alpha\$ -adrenergic and nonadrenergic mechanisms.](#)

Hansen AB, Morales G, Romero SA, Gasho C, Tymko MM, Ainslie PN, Hofstätter F, Rainer SL, Lawley JS, Hearon CM Jr. Am J Physiol Heart Circ Physiol. 2020 Jul 1;319(1):H192-H202. doi: 10.1152/ajpheart.00208.2020. Epub 2020 Jun 5. PMID: 32502375

Medicine in Extreme Environments: A New Medical Student Elective Class for Wilderness, Aerospace, Hyperbaric, Exercise, and Combat Medicine.

Babu G, Upchurch BD, Young WH, Levine BD. Wilderness Environ Med. 2020 Mar;31(1):110-115. doi: 10.1016/j.wem.2019.10.006. Epub 2020 Feb 7. PMID: 32734896

Middle-aged endurance athletes exhibit lower cerebrovascular impedance than sedentary peers.

Sugawara J, Tomoto T, Repshas J, Zhang R, Tarumi T. J Appl Physiol (1985). 2020 Aug 1;129(2):335-342. doi: 10.1152/jappphysiol.00239.2020. Epub 2020 Jul 16. PMID: 32673159

Midlife aerobic exercise and brain structural integrity: Associations with age and cardiorespiratory fitness.

Tarumi T, Tomoto T, Repshas J, Wang C, Hynan LS, Cullum CM, Zhu DC, Zhang R. Neuroimage. 2021 Jan 15;225:117512. doi: 10.1016/j.neuroimage.2020.117512. Epub 2020 Oct 29. PMID: 33130274

MNX (Medium Duration Nutrition and Resistance-Vibration Exercise) Bed-Rest: Effect of Resistance Vibration Exercise Alone or Combined With Whey Protein Supplementation on Cardiovascular System in 21-Day Head-Down Bed Rest.

Guinet P, MacNamara JP, Berry M, Larcher F, Bareille MP, Custaud MA, Pavy-Le Traon A, Levine BD, Navasiolava N. Front Physiol. 2020 Jul 16;11:812. doi: 10.3389/fphys.2020.00812. eCollection 2020. PMID: 32765296

Multidimensional aspects of dyspnea in obese patients referred for cardiopulmonary exercise testing.

Balmain BN, Weinstein K, Bernhardt V, Marines-Price R, Tomlinson AR, Babb TG. Respir Physiol Neurobiol. 2020 Mar;274:103365. doi: 10.1016/j.resp.2019.103365. Epub 2019 Dec 30. PMID: 31899350

[Neural control of blood pressure during pregnancy in humans.](#)

Hissen SL, Fu Q. Clin Auton Res. 2020 Oct;30(5):423-431. doi: 10.1007/s10286-02000703-3. Epub 2020 Jun 20. PMID: 32564162 Review.

[New insights into resting and exertional right ventricular performance in the healthy heart through real-time pressure-volume analysis.](#)

Cornwell WK, Tran T, Cerbin L, Coe G, Muralidhar A, Hunter K, Altman N, Ambardekar AV, Tompkins C, Zipse M, Schulte M, O'Gean K, Ostertag M, Hoffman J, Pal JD, Lawley JS, Levine BD, Wolfel E, Kohrt WM, Buttrick P.J Physiol. 2020 Jul;598(13):2575-2587. doi: 10.1113/JP279759. Epub 2020 May 18. PMID: 32347547

[Noninvasive Assessment of Cardiac Output: Accuracy and Precision of the Closed-Circuit Acetylene Rebreathing Technique for Cardiac Output Measurement.](#)

Hardin EA, Stoller D, Lawley J, Howden EJ, Hieda M, Pawelczyk J, Jarvis S, Prisk K, Sarma S, Levine BD. Hardin EA, et al. J Am Heart Assoc. 2020 Sep;9(17):e015794. doi: 10.1161/JAHA.120.015794. Epub 2020 Aug 27. J Am Heart Assoc. 2020. PMID: 32851906 Free PMC article.

[Noninvasive Positive Pressure Ventilation for Acute Decompensated Heart Failure.](#)

Hieda M. Heart Fail Clin. 2020 Jul;16(3):271-282. doi: 10.1016/j.hfc.2020.02.005. PMID: 32503751

[Obesity \(Nursing\).](#)

Panuganti KK, Nguyen M, Kshirsagar RK, Doerr C. 2020 Dec 8. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan—. PMID: 33760461

[Pathophysiology of Exercise Intolerance and Its Treatment With Exercise-Based Cardiac Rehabilitation in Heart Failure With Preserved Ejection Fraction.](#)

Tucker WJ, Angadi SS, Haykowsky MJ, Nelson MD, Sarma S, Tomczak CR.J

Cardiopulm Rehabil Prev. 2020 Jan;40(1):9-16. doi:

10.1097/HCR.0000000000000481.PMID: 31764536

[Pitfalls in Expiratory Flow Limitation Assessment at Peak Exercise in Children: Role of Thoracic Gas Compression.](#)

Strozza D, Wilhite DP, Babb TG, Bhammar DM.Med Sci Sports Exerc. 2020

Nov;52(11):2310-2319. doi: 10.1249/MSS.0000000000002378.PMID: 33064406

[Practical Considerations When Performing Neurodiagnostic Studies on Patients with COVID-19 and Other Highly Virulent Diseases.](#)

Haines S, Caccamo A, Chan F, Galaso G, Catinchi A, Gupta PK.Neurodiagn J. 2020

Jun;60(2):78-95. doi: 10.1080/21646821.2020.1756132. Epub 2020 May

6.PMID: 32374647

[Predicting Liver Fibrosis in the Hepatitis C Population: Concordance Analysis Between Noninvasive Scoring Systems and Percutaneous Liver Biopsy.](#)

Mada PK, Malus ME, Saldaña Koppel DA, Adley S, Moore M, Alam MJ, Feldman

M.Cureus. 2020 Sep 11;12(9):e10376. doi:

10.7759/cureus.10376.PMID: 33062499

[Pulmonary artery catheter use in acute myocardial infarction-cardiogenic shock.](#)

Vallabhajosyula S, Shankar A, Patlolla SH, Prasad A, Bell MR, Jentzer JC, Arora S,

Vallabhajosyula S, Gersh BJ, Jaffe AS, Holmes DR Jr, Dunlay SM, Barsness GW.ESC

Heart Fail. 2020 Jun;7(3):1234-1245. doi: 10.1002/ehf2.12652. Epub 2020 Apr

2.PMID: 32239806

[Reducing Inpatient Falls Through Simulations With Symptom Burden Devices.](#)

Glenn C, Vandertulip K, Edlund S, Garlow L, Suarez V.J Nurs Care Qual. 2020 Nov

23. doi: 10.1097/NCQ.0000000000000533. Online ahead of print.PMID: 33259468

[Response by Levine and Mody to Letter Regarding Article, "Abolish the Tilt Table Test for the Workup of Syncope!"](#)

Levine BD, Mody P. *Circulation*. 2020 Jun 23;141(25):e946-e947. doi: 10.1161/CIRCULATIONAHA.120.047274. Epub 2020 Jun 22. PMID: 32568585

[Response by Sarma and Levine to Letter Regarding Article, "Increased Myocardial Stiffness in Patients With High-Risk Left Ventricular Hypertrophy: The Hallmark of Stage-B Heart Failure With Preserved Ejection Fraction"](#)

Sarma S, Levine BD. *Circulation*. 2020 May 19;141(20):e822. doi: 10.1161/CIRCULATIONAHA.120.046549. Epub 2020 May 18. PMID: 32421418

[Retrospective Descriptive Analysis of West Nile Neuroinvasive Disease \(WNND\) in Northwest Louisiana](#)

Mada PK, Sneed P, Castano G, Moore M, Joel Chandranesan AS, Mada PK, et al. *Int J Microbiol*. 2020 May 8;2020:3513859. doi: 10.1155/2020/3513859. eCollection 2020. *Int J Microbiol*. 2020. PMID: 32454831 Free PMC article.

[Salt intake impacts sympathetic neural control but not morning blood pressure surge in premenopausal women with a history of normal pregnancy](#)

Takeda R, Stickford AS, Best SA, Yoo JK, Fu Q, Takeda R, et al. *Am J Physiol Heart Circ Physiol*. 2020 Sep 1;319(3):H571-H581. doi: 10.1152/ajpheart.00197.2020. Epub 2020 Jul 31. *Am J Physiol Heart Circ Physiol*. 2020. PMID: 32734815

[Sex differences in cardiovascular autonomic control: introduction to the special issue](#)

Taylor CE, Arnold AC, Fu Q, Shibao CA. *Clin Auton Res*. 2020 Oct;30(5):365-367. doi: 10.1007/s10286-020-00732-y. Epub 2020 Sep 20. PMID: 32954477

[Sex Differences in the Sympathetic Neural Recruitment and Hemodynamic Response to Head-Up Tilt in Older Hypertensives.](#)

Badrov MB, Okada Y, Yoo JK, Vongpatanasin W, Shoemaker JK, Levine BD, Fu Q. Hypertension. 2020 Feb;75(2):458-467. doi: 10.1161/HYPERTENSIONAHA.119.14009. Epub 2019 Dec 9. PMID: 31813347

[Sex differences in vascular transduction of sympathetic nerve activity.](#)

Hissen SL, Taylor CE. Clin Auton Res. 2020 Oct;30(5):381-392. doi: 10.1007/s10286-020-00722-0. Epub 2020 Aug 31. PMID: 32865664 Review.

[Skin blood flow measurements during heat stress: technical and analytical considerations.](#)

Chaseling GK, Crandall CG, Gagnon D. Am J Physiol Regul Integr Comp Physiol. 2020 Jan 1;318(1):R57-R69. doi: 10.1152/ajpregu.00177.2019. Epub 2019 Oct 9. PMID: 31596109

[Steady-state cerebral autoregulation in older adults with amnesic mild cognitive impairment: linear mixed model analysis.](#)

Zhang L, Pasha EP, Liu J, Xing CY, Cardim D, Tarumi T, Womack K, Hynan LS, Cullum CM, Zhang R. J Appl Physiol (1985). 2020 Aug 1;129(2):377-385. doi: 10.1152/jappphysiol.00193.2020. Epub 2020 Jul 2. PMID: 32614686

[Surgical automation reduces operating time while maintaining accuracy for direct anterior total hip arthroplasty.](#)

Bhimani AA, Rizkalla JM, Kitziger KJ, Peters PC Jr, Schubert RD, Gladnick BP. Bhimani AA, et al. J Orthop. 2020 Apr 1;22:68-72. doi: 10.1016/j.jor.2020.03.057. eCollection 2020 Nov-Dec. J Orthop. 2020. PMID: 32280172 Free PMC article.

[The benefits of an unsupervised exercise program in persons with well-healed burn injuries within the International Classification of Functioning, Disability and Health \(ICF\).](#)

Huang M, Morales G, Romero SA, Jaffery MF, Cramer MN, Petric JK, Nabasny AD, Crandall CG. Burns. 2020 Sep;46(6):1280-1288. doi: 10.1016/j.burns.2020.06.023. Epub 2020 Jul 3. PMID: 32660830

[The Combination of Tocilizumab and Methylprednisolone Along With Initial Lung Recruitment Strategy in Coronavirus Disease 2019 Patients Requiring Mechanical Ventilation: A Series of 21 Consecutive Cases.](#)

Hazbun ME, Faust AC, Ortegon AL, Sheperd LA, Weinstein GL, Doebele RL, Weinmeister KD, Liddell AM, Feldman M. Hazbun ME, et al. Crit Care Explor. 2020 Jun 15;2(6):e0145. doi: 10.1097/CCE.000000000000145. eCollection 2020 Jun. Crit Care Explor. 2020. PMID: 32696008 Free PMC article.

[The Correlation of Spinopelvic Parameters With Biomechanical Parameters Measured by Gait and Balance Analyses in Patients With Adult Degenerative Scoliosis.](#)

Haddas R, Hu X, Lieberman IH. Clin Spine Surg. 2020 Feb;33(1):E33-E39. doi: 10.1097/BSD.0000000000000939. PMID: 31996610

[The Early Effects of Coronavirus Disease-2019 on Head and Neck Oncology and Microvascular Reconstruction Practice: A National Survey of Oral and Maxillofacial Surgeons Enrolled in the Head and Neck Special Interest Group.](#)

Zaid W, Schlieve T. Zaid W, et al. J Oral Maxillofac Surg. 2020 Oct;78(10):1859-1868. doi: 10.1016/j.joms.2020.07.012. Epub 2020 Jul 17. J Oral Maxillofac Surg. 2020. PMID: 32745533 Free PMC article.

[The effect of lifelong endurance exercise on cardiovascular structure and exercise function in women.](#)

Carrick-Ranson G, Sloane NM, Howden EJ, Bhella PS, Sarma S, Shibata S, Fujimoto N, Hastings JL, Levine BD. *J Physiol.* 2020 Jul;598(13):2589-2605. doi: 10.1113/JP278503. Epub 2020 May 21. PMID: 32347540

[The Impact of High Dietary Sodium Consumption on Blood Pressure Variability in Healthy, Young Adults.](#)

Migdal KU, Babcock MC, Robinson AT, Watso JC, Wenner MM, Stocker SD, Farquhar WB. *Am J Hypertens.* 2020 Apr 29;33(5):422-429. doi: 10.1093/ajh/hpaa014. PMID: 32006422 Clinical Trial.

[The Indian gut microbiota-Is it unique?](#)

Pulipati P, Sarkar P, Jakkampudi A, Kaila V, Sarkar S, Unnisa M, Reddy DN, Khan M, Talukdar R. Pulipati P, et al. *Indian J Gastroenterol.* 2020 Apr;39(2):133-140. doi: 10.1007/s12664-020-01037-8. *Indian J Gastroenterol.* 2020. PMID: 32388710 Review.

[The Latest Clinical Understandings and Theory of the Cardiovascular Systems for Cardiovascular Emergencies and Their Management.](#)

Hieda M, Esposito G, Bossone E. Hieda M, et al. *Heart Fail Clin.* 2020 Apr;16(2):ix-x. doi: 10.1016/j.hfc.2020.01.001. *Heart Fail Clin.* 2020. PMID: 32143769 No abstract available.

[The REDUCE HTN: REINFORCE: Randomized, Sham-Controlled Trial of Bipolar Radiofrequency Renal Denervation for the Treatment of Hypertension.](#)

Weber MA, Kirtane AJ, Weir MR, Radhakrishnan J, Das T, Berk M, Mendelsohn F, Bouchard A, Larrain G, Haase M, Diaz-Cartelle J, Leon MB. *JACC Cardiovasc Interv.* 2020 Feb 24;13(4):461-470. doi: 10.1016/j.jcin.2019.10.061. PMID: 32081240

[The Society of Thoracic Surgeons Composite Score Rating for Pulmonary Resection for Lung Cancer.](#)

Broderick SR, Grau-Sepulveda M, Kosinski AS, Kurlansky PA, Shahian DM, Jacobs JP, Becker S, DeCamp MM, Seder CW, Grogan EL, Brown LM, Burfeind W, Magee M, Raymond DP, Puri V, Chang AC, Kozower BD. Ann Thorac Surg. 2020 Mar;109(3):848-855. doi: 10.1016/j.athoracsur.2019.08.114. Epub 2019 Nov 2. PMID: 31689407

[Training-Associated Changes in Ventricular Volumes and Function in Elite Female Runners.](#)

Churchill TW, Groezinger E, Loomer G, Guseh JS, Weiner RB, Wasfy MM, Levine BD, Baggish AL. Circ Cardiovasc Imaging. 2020 Jun;13(6):e010567. doi: 10.1161/CIRCIMAGING.120.010567. PMID: 32482135

[Tranexamic acid administration in the field does not affect admission thromboelastography after traumatic brain injury.](#)

Dixon AL, McCully BH, Rick EA, Dewey E, Farrell DH, Morrison LJ, McMullan J, Robinson BRH, Callum J, Tibbs B, Dries DJ, Jui J, Gandhi RR, Garrett JS, Weisfeldt ML, Wade CE, Aufderheide TP, Frascione RJ, Tallon JM, Kannas D, Williams C, Rowell SE, Schreiber MA. J Trauma Acute Care Surg. 2020 Nov;89(5):900-907. doi: 10.1097/TA.0000000000002932. PMID: 33105308 Clinical Trial.

[Update of the Standard Operating Procedure on the Use of Multiparametric Magnetic Resonance Imaging for the Diagnosis, Staging and Management of Prostate Cancer.](#)

Bjurlin MA, Carroll PR, Eggener S, Fulgham PF, Margolis DJ, Pinto PA, Rosenkrantz AB, Rubenstein JN, Rukstalis DB, Taneja SS, Turkbey B. J Urol. 2020 Apr;203(4):706-712. doi: 10.1097/JU.0000000000000617. Epub 2019 Oct 23. PMID: 31642740

[Abatacept in Early Diffuse Cutaneous Systemic Sclerosis: Results of a Phase II Investigator-Initiated, Multicenter, Double-Blind, Randomized, Placebo-Controlled Trial.](#)

Khanna D, Spino C, Johnson S, Chung L, Whitfield ML, Denton CP, Berrocal V, Franks J, Mehta B, Molitor J, Steen VD, Lafyatis R, Simms RW, Gill A, Kafaja S, Frech TM, Hsu V, Domsic RT, Pope JE, Gordon JK, Mayes MD, Schiopu E, Young A, Sandorfi N, Park J, Hant FN, Bernstein EJ, Chatterjee S, Castelino FV, Ajam A, Wang Y, Wood T, Allanore Y, Matucci-Cerinic M, Distler O, Singer O, Bush E, Fox DA, Furst DE. *Arthritis Rheumatol.* 2020 Jan;72(1):125-136. doi: 10.1002/art.41055. Epub 2019 Dec 10. PMID: 31342624

[Cannabinoid hyperemesis syndrome: A case study and discussion.](#)

Creedon ES, Maloy MK, DelloStritto RA. Creedon ES, et al. *J Am Assoc Nurse Pract.* 2020 Mar;32(3):269-276. doi: 10.1097/JXX.0000000000000215. *J Am Assoc Nurse Pract.* 2020. PMID: 31274681

[Conversations and Medical News Frames on Twitter: Infodemiological Study on COVID-19 in South Korea.](#)

Park HW, Park S, Chong M. *J Med Internet Res.* 2020 May 5;22(5):e18897. doi: 10.2196/18897. PMID: 32325426

[Effects of Ketogenic Dieting on Body Composition, Strength, Power, and Hormonal Profiles in Resistance Training Men.](#)

Wilson JM, Lowery RP, Roberts MD, Sharp MH, Joy JM, Shields KA, Partl JM, Volek JS, D'Agostino DP. *J Strength Cond Res.* 2020 Dec;34(12):3463-3474. doi: 10.1519/JSC.0000000000001935. PMID: 28399015 *Clinical Trial.*

Erratum.

da Silva Novaes J, da Silva Telles LG, Monteiro E^{OR}, da Silva Araujo G, Vingren JL, Panza PIS, Reis VM, Laterza MC, Vianna JM. J Strength Cond Res. 2020 Oct;34(10):e272. doi: 10.1519/JSC.0000000000003823. PMID: 32976287

Microphysiological Systems: Design, Fabrication, and Applications.

Wang K, Man K, Liu J, Liu Y, Chen Q, Zhou Y, Yang Y. ACS Biomater Sci Eng. 2020 Jun 8;6(6):3231-3257. doi: 10.1021/acsbiomaterials.9b01667. Epub 2020 May 10. PMID: 33204830

Obesity.

Panuganti KK, Nguyen M, Kshirsagar RK. 2020 Dec 8. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan–. PMID: 29083734

Parents' Experiences with Implementing Therapy Home Programs for Children with Down Syndrome: A Scoping Review.

Walker BJ, Washington L, Early D, Poskey GA. Occup Ther Health Care. 2020 Jan;34(1):85-98. doi: 10.1080/07380577.2020.1723820. Epub 2020 Feb 5. PMID: 32022608 Review.

Perceptions and experiences of perioperative nurses and nurse anaesthetists in robotic-assisted surgery.

Schuessler Z, Scott Stiles A, Mancuso P. J Clin Nurs. 2020 Jan;29(1-2):60-74. doi: 10.1111/jocn.15053. Epub 2019 Oct 21. PMID: 31495000

Predictors of progression in systemic sclerosis patients with interstitial lung disease.

Distler O, Assassi S, Cottin V, Cutolo M, Danoff SK, Denton CP, Distler JHW, Hoffmann-Vold AM, Johnson SR, Müller-Ladner U, Smith V, Volkman ER, Maher TM. Eur Respir J. 2020 May 14;55(5):1902026. doi: 10.1183/13993003.02026-2019. Print 2020 May. PMID: 32079645

[Prevalence and Social Determinants of Food Insecurity among College Students during the COVID-19 Pandemic.](#)

Owens MR, Brito-Silva F, Kirkland T, Moore CE, Davis KE, Patterson MA, Miketinas DC, Tucker WJ. *Nutrients*. 2020 Aug 20;12(9):2515. doi: 10.3390/nu12092515. PMID: 32825251

[Protocol for a partially nested randomised controlled trial to evaluate the effectiveness of the scleroderma patient-centered intervention network COVID-19 home-isolation activities together \(SPIN-CHAT\) program to reduce anxiety among at-risk scleroderma patients.](#)

Thombs BD, Kwakkenbos L, Carrier ME, Bourgeault A, Tao L, Harb S, Gagarine M, Rice D, Bustamante L, Ellis K, Duchek D, Wu Y, Bhandari PM, Neupane D, Carboni-Jiménez A, Henry RS, Krishnan A, Sun Y, Levis B, He C, Turner KA, Benedetti A, Culos-Reed N, El-Baalbaki G, Hebblethwaite S, Bartlett SJ, Dyas L, Patten S, Varga J; Scleroderma Patient-centered Intervention Network (SPIN) COVID-19 Patient Advisory Team; SPIN Investigators. *J Psychosom Res*. 2020 Aug;135:110132. doi: 10.1016/j.jpsychores.2020.110132. Epub 2020 May 14. PMID: 32521358

[Review of Health Consequences of Electronic Cigarettes and the Outbreak of Electronic Cigarette, or Vaping, Product Use-Associated Lung Injury.](#)

Cao DJ, Aldy K, Hsu S, McGetrick M, Verbeck G, De Silva I, Feng SY. *J Med Toxicol*. 2020 Jul;16(3):295-310. doi: 10.1007/s13181-020-00772-w. Epub 2020 Apr 16. PMID: 32301069 Review.

[Association of Prehospital Plasma Transfusion With Survival in Trauma Patients With Hemorrhagic Shock When Transport Times Are Longer Than 20 Minutes: A Post Hoc Analysis of the PAMPer and COMBAT Clinical Trials.](#)

Pusateri AE, Moore EE, Moore HB, Le TD, Guyette FX, Chapman MP, Sauaia A, Ghasabyan A, Chandler J, McVaney K, Brown JB, Daley BJ, Miller RS, Harbrecht BG, Claridge JA, Phelan HA, Witham WR, Putnam AT, Sperry JL. JAMA Surg. 2020 Feb 1;155(2):e195085. doi: 10.1001/jamasurg.2019.5085. Epub 2020 Feb 19. PMID: 31851290

[Author Reply to "Placebo Trials in Orthopaedic Surgery" and "Review of Randomized Placebo-Controlled Trials".](#)

Sochacki KR, Dong D, Harris JD, Mather RC, Nwachukwu BU, Nho SJ, Cote MP. Arthroscopy. 2020 Nov;36(11):2779-2784. doi: 10.1016/j.arthro.2020.08.017. PMID: 33172575

[Bleeding to death in a big city: An analysis of all trauma deaths from hemorrhage in a metropolitan area during 1 year.](#)

Kalkwarf KJ, Drake SA, Yang Y, Thetford C, Myers L, Brock M, Wolf DA, Persse D, Wade CE, Holcomb JB. J Trauma Acute Care Surg. 2020 Oct;89(4):716-722. doi: 10.1097/TA.0000000000002833. PMID: 32590562

[Candida tropicalis endocarditis successfully treated with AngioVac and micafungin followed by long-term isavuconazole suppression.](#)

Prabhudas-Strycker KK, Butt S, Reddy MT. IDCases. 2020 Jun 26;21:e00889. doi: 10.1016/j.idcr.2020.e00889. eCollection 2020. PMID: 32642436

[Cardiorespiratory fitness, adiposity, and ambulatory blood pressure in adolescents.](#)

Park E, Volding DC, Taylor WC, Chan W, Meininger JC. J Sports Med Phys Fitness. 2020 Jun;60(6):926-933. doi: 10.23736/S0022-4707.20.10279-2. Epub 2020 Mar 4. PMID: 32141274

[Change is inevitable.](#)

Drake K. Nurs Manage. 2020 Jul;51(7):56. doi: 10.1097/01.NUMA.0000669092.10582.06. PMID: 32618944

[Corporate leadership training: Value added for your simulation center.](#)

Howard VM, Barber J, Kardong-Edgren S. J Prof Nurs. 2020 Nov-Dec;36(6):538-542. doi: 10.1016/j.profnurs.2020.08.001. Epub 2020 Aug 4. PMID: 33308553

[Effect of Out-of-Hospital Tranexamic Acid vs Placebo on 6-Month Functional Neurologic Outcomes in Patients With Moderate or Severe Traumatic Brain Injury.](#)

Rowell SE, Meier EN, McKnight B, Kannas D, May S, Sheehan K, Bulger EM, Idris AH, Christenson J, Morrison LJ, Frascone RJ, Bosarge PL, Colella MR, Johannigman J, Cotton BA, Callum J, McMullan J, Dries DJ, Tibbs B, Richmond NJ, Weisfeldt ML, Tallon JM, Garrett JS, Zielinski MD, Aufderheide TP, Gandhi RR, Schlamp R, Robinson BRH, Jui J, Klein L, Rizoli S, Gamber M, Fleming M, Hwang J, Vincent LE, Williams C, Hendrickson A, Simonson R, Klotz P, Sopko G, Witham W, Ferrara M, Schreiber MA. JAMA. 2020 Sep 8;324(10):961-974. doi: 10.1001/jama.2020.8958. PMID: 32897344

[Establishing a Regional Trauma Preventable/Potentially Preventable Death Rate.](#)

Drake SA, Holcomb JB, Yang Y, Thetford C, Myers L, Brock M, Wolf DA, Cron S, Persse D, McCarthy J, Kao L, Todd SR, Naik-Mathuria BJ, Cox C, Kitagawa R, Sandberg G, Wade CE. Ann Surg. 2020 Feb;271(2):375-382. doi: 10.1097/SLA.0000000000002999. PMID: 30067544

[Evaluation of postoperative clinical outcomes in Jehovah's Witness patients who receive prothrombin complex concentrate during cardiac surgery.](#)

Harris JE, Varnado S, Herrera E, Salazar E, Colavecchia AC. J Card Surg. 2020 Apr;35(4):801-809. doi: 10.1111/jocs.14463. Epub 2020 Feb 12. PMID: 32048355

[Examining bacteria on skin and jewelry since the implementation of hand sanitizer in hospitals.](#)

Greenshield K, Chavez J, Nial KJ, Baldwin K. Am J Infect Control. 2020 Nov;48(11):1402-1403. doi: 10.1016/j.ajic.2020.04.007. Epub 2020 Apr 16. PMID: 32304807

[Exposure to interparental intimate partner violence and the development of borderline features in adolescents.](#)

Sharp C, Vanwoerden S, Jouriles EN, Godfrey DA, Babcock J, McLaren V, McFarlane J, Brashear B, Walton Q, Temple JR. Child Abuse Negl. 2020 May;103:104448. doi: 10.1016/j.chiabu.2020.104448. Epub 2020 Mar 13. PMID: 32171797

[Factors associated with adherence to follow-up calls in cancer patients receiving care at a community oncology practice.](#)

Monestime S, Page R, Shaw N, Martin R, Jordan W, Rangel J, Aryal S. J Oncol Pharm Pract. 2020 Aug 20:1078155220950003. doi: 10.1177/1078155220950003. Online ahead of print. PMID: 3281919

[Financial performance and reimbursement of pharmacist-led chronic care management.](#)

Martin R, Tram K, Le L, Simmons C. Am J Health Syst Pharm. 2020 Nov 16;77(23):1973-1979. doi: 10.1093/ajhp/zxaa300. PMID: 32995845

"I'm Leaving": Factors That Impact Against Medical Advice Disposition Post-Trauma.

Haines K, Freeman J, Vastaas C, Rust C, Cox C, Kasotakis G, Fuller M, Krishnamoorthy V, Siciliano M, Alger A, Montgomery S, Agarwal S. J Emerg Med. 2020 Apr;58(4):691-697. doi: 10.1016/j.jemermed.2019.12.023. Epub 2020 Mar 12. PMID: 32171476

Keeping staff safe.

Drake K. Nurs Manage. 2020 Nov;51(11):56. doi: 10.1097/01.NUMA.0000719408.58989.3c. PMID: 33116050

NSABP B-41, a Randomized Neoadjuvant Trial: Genes and Signatures Associated with Pathologic Complete Response.

Swain SM, Tang G, Brauer HA, Goerlitz DS, Lucas PC, Robidoux A, Harris BT, Bandos H, Ren Y, Geyer CE Jr, Rastogi P, Mamounas EP, Wolmark N. Clin Cancer Res. 2020 Aug 15;26(16):4233-4241. doi: 10.1158/1078-0432.CCR-20-0152. Epub 2020 May 5. PMID: 32371537

OUR AGING PATIENTS: ARE WE PREPARED?

Munsterman E. Gastroenterol Nurs. 2020 Jul/Aug;43(4):320-321. doi: 10.1097/SGA.0000000000000524. PMID: 32740023

Pain Perception of a Structured Vascular Access Team Approach to Short Peripheral Catheter (SPC) Placement Compared to SPC Placement by Bedside Nurses.

Fujioka G, Newcomb P, Hunchusky C, Myers H, Behan D. J Infus Nurs. 2020 Jan/Feb;43(1):33-38. doi: 10.1097/NAN.0000000000000352. PMID: 31876772
Clinical Trial.

Pelvic Tilt and Range of Motion in Hips With Femoroacetabular Impingement Syndrome.

Patel RV, Han S, Lenherr C, Harris JD, Noble PC. J Am Acad Orthop Surg. 2020 May 15;28(10):e427-e432. doi: 10.5435/JAAOS-D-19-00155. PMID: 31599764

[Positron Emission Tomography Imaging With \[18F\]flortaucipir and Postmortem Assessment of Alzheimer Disease Neuropathologic Changes.](#)

Fleisher AS, Pontecorvo MJ, Devous MD Sr, Lu M, Arora AK, Trucocchio SP, Aldea P, Flitter M, Locascio T, Devine M, Siderowf A, Beach TG, Montine TJ, Serrano GE, Curtis C, Perrin A, Salloway S, Daniel M, Wellman C, Joshi AD, Irwin DJ, Lowe VJ, Seeley WW, Ikonovic MD, Masdeu JC, Kennedy I, Harris T, Navitsky M, Southekal S, Mintun MA; A16 Study Investigators. JAMA Neurol. 2020 Jul 1;77(7):829-839. doi: 10.1001/jamaneurol.2020.0528.PMID: 32338734

[Review of nonopioid multimodal analgesia for surgical and trauma patients.](#)

George S, Johns M. Am J Health Syst Pharm. 2020 Dec 4;77(24):2052-2063. doi: 10.1093/ajhp/zxaa301.PMID: 33037818

[Role of Social Determinants of Health in Widening Maternal and Child Health Disparities in the Era of Covid-19 Pandemic.](#)

Dongarwar D, Ajewole VB, Oduguwa E, Ngujede A, Harris K, Ofili TU, Olaleye OA, Salihu HM. Int J MCH AIDS. 2020;9(3):316-319. doi: 10.21106/ijma.398. Epub 2020 Jul 29. PMID: 32765962

[Sensitive and specific multi-cancer detection and localization using methylation signatures in cell-free DNA.](#)

Liu MC, Oxnard GR, Klein EA, Swanton C, Seiden MV; CCGA Consortium. Ann Oncol. 2020 Jun;31(6):745-759. doi: 10.1016/j.annonc.2020.02.011. Epub 2020 Mar 30. PMID: 33506766

[Sham Surgery Studies in Orthopaedic Surgery May Just Be a Sham: A Systematic Review of Randomized Placebo-Controlled Trials.](#)

Sochacki KR, Mather RC, Nwachukwu BU, Dong D, Nho SJ, Cote MP, Harris JD. Arthroscopy. 2020 Oct;36(10):2750-2762.e2. doi: 10.1016/j.arthro.2020.05.001. Epub 2020 May 14. PMID: 32417564

[Staffing during budget cuts.](#)

Drake K. Nurs Manage. 2020 Mar;51(3):56. doi: 10.1097/01.NUMA.0000654868.04675.61.PMID: 32101949

[Systematic review of student anxiety and performance during objective structured clinical examinations.](#)

Martin RD, Naziruddin Z. Curr Pharm Teach Learn. 2020 Dec;12(12):1491-1497. doi: 10.1016/j.cptl.2020.07.007. Epub 2020 Jul 30. PMID: 33092780

[Tranexamic acid administration in the field does not affect admission thromboelastography after traumatic brain injury.](#)

Dixon AL, McCully BH, Rick EA, Dewey E, Farrell DH, Morrison LJ, McMullan J, Robinson BRH, Callum J, Tibbs B, Dries DJ, Jui J, Gandhi RR, Garrett JS, Weisfeldt ML, Wade CE, Aufderheide TP, Frascone RJ, Tallon JM, Kannas D, Williams C, Rowell SE, Schreiber MA. J Trauma Acute Care Surg. 2020 Nov;89(5):900-907. doi: 10.1097/TA.0000000000002932. PMID: 33105308 Clinical Trial.

Texas Health HEB

[Discharge lounges for optimal outcomes: A quality improvement project.](#)

Rhodes JR, Stowe T, Williams L. Rhodes JR, et al. Nursing. 2020 Dec 1;50(12):65-68. doi: 10.1097/01.NURSE.0000697212.21242.ea. Nursing. 2020. PMID: 33497098 No abstract available.

[Effectiveness of the non-pharmaceutical public health interventions against COVID-19; a protocol of a systematic review and realist review.](#)

Iezadi S, Azami-Aghdash S, Ghiasi A, Rezapour A, Pourasghari H, Pashazadeh F, Gholipour K. PLoS One. 2020 Sep 29;15(9):e0239554. doi: 10.1371/journal.pone.0239554. eCollection 2020. PMID: 32991604

[Pain Perception of a Structured Vascular Access Team Approach to Short Peripheral Catheter \(SPC\) Placement Compared to SPC Placement by Bedside Nurses.](#)

Fujioka G, Newcomb P, Hunchusky C, Myers H, Behan D. J Infus Nurs. 2020 Jan/Feb;43(1):33-38. doi: 10.1097/NAN.0000000000000352. PMID: 31876772 Clinical Trial.

Texas Health Southwest

[Examining bacteria on skin and jewelry since the implementation of hand sanitizer in hospitals.](#)

Greenshield K, Chavez J, Nial KJ, Baldwin K. Am J Infect Control. 2020 Nov;48(11):1402-1403. doi: 10.1016/j.ajic.2020.04.007. Epub 2020 Apr 16. PMID: 32304807