

## 2020 THR Publications

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### Texas Health Arlington

#### **Albuterol-Induced Type B Lactic Acidosis: Not an Uncommon Finding.**

Meegada S., Muppidi V., Siddamreddy S., Challa T., Katta S K., 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 M.U., Manaktala P., Sadolika 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 S.A., Fong H.K., Lodhi M.U., 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 D.C. 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 H.P., Tan B.E., Damarlapally N., Haque F.A., Farheen N., DeWitt N., Savani S., Parisha F.J., 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 J.P., 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 S.A., 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 H.K., Mahmood A, Shah K., Varakantam V.R., Haque F.A., 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 K.N., 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 P.D., Arora S., Patel C., Gangani K., Vavalle J.P. 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 J.K., Badrov M.B., Huang M., Bain R.A., Dorn R.P., Anderson E.H., Wiblin J.L., Suris A., Shoemaker J.K., 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 D.S., Eckel T.M., Kitziger K.J., Peters PC Jr, Gladnick BP., Wood D.S., 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 V.L., Fu Q., Shi Z., Heesch C.M. 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 S.E., Flanagan K.W., Belval L.N., Register-Mihalik J.K., Casa D.J., DiStefano L.J. 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 L.N., Giersch G.E.W., Adams W.M., Hosokawa Y., Jardine J.F., Katch R.K., Stearns R.L., Casa D.J. 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 L.M., Badrov M.B., Fu Q., Steinback C.D., Davenport M.H. 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 P.L., Erickson C.L. 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 C.G., 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 S.R., Luskin V., Panuganti K.K. 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 H.K., Faisaluddin M., Lodhi M.U., Manaktala P., Sadollikar 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 P.J., 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 B.P., Tarumi T., Sheng M., Tseng B., Womack K.B., Cullum C.M., 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 M.M., Jarvis S.S., Shibata S., Vongpatanasin W., Levine B.D., 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 M.N., Huang M.U., Belval L.N., Watso J.C., Cimino F.A., Crandall C.G. 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 E.S., Maloy M.K., DelloStritto R.A. 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 E.P., Cullum C.M., 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 J.A., Ansel G.M., Lyden S.P., Das T.S., 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 E.P., 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 S.C., Sprouse M.L., Blessing A., Sun J., Jarvis S.S., Okada Y., Fu Q., Romero S.A., Phillips N.R., 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 Amnestic Mild Cognitive Impairment: A 1-Year Randomized Controlled Trial of Aerobic Exercise Training.**

Tarumi T., Thomas B.P., Tseng B.Y., Wang C., Womack K.B., Hynan L., Lu H., Cullum C.M., 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 L.N., Adams W.M., Vandermark L.W., 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 K.R., Sannapaneni S., Mullikin T.C., Harmsen W.S., Petersen M.M., Antharam P., Laughlin B., Mahipal A., Halfdanarson T.R., Merrell K.W., Neben-Wittich M., Sio T.T., Haddock M.G., 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 A.W., Scheinowitz M., Iannetta D., Murias J.M., Keir D.A., Balmain B.N., Wilhite D.P., Babb T.G., Toffoli G., Silva B.M., da Silva G.S.F., Gruet M., Romain A.J., Pageaux B., Sousa F.A.B., Rodrigues N.A., de Araujo G.G., Bossi A.H., Hopker J., Brietzke C., Pires F.O., Angius L.J. *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 J.A., Wilhite D.P., Greenshields J.T., Adamic E.M., Mickleborough T.D. *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 A.L., Bruno C., Hadjigeorgiou G.M., Haller R.G., Laforêt P., Lucia A., Martin M.A., Martinuzzi A., Navarro C., Oflazer P., Pouget J., Quinlivan R., Sacconi S., Scalco R.S., 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 J.S., Babu G., Janssen S.L.J.E., Petersen L.G., Hearon C.M. Jr, Dias K.A., Sarma S., Williams M.A., Whitworth L.A., Levine B.D., Lawley J.S., 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 M.N., Hieda M., Huang M., Morales G., Crandall C.G., Cramer M.N., 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 Abstract.

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

Yoo J.K., Badrov M.B., Parker R.S., Anderson E.H., Wiblin J.L., North C.S., 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 S.E., Meier E.N., McKnight B., Kannas D., May S., Sheehan K., Bulger E.M., Idris A.H., Christenson J., Morrison L.J., Frascone R.J., Bosarge

P.L., Colella M.R., Johannigman J., Cotton B.A., Callum J., McMullan J., Dries D.J., Tibbs B., Richmond N.J., Weisfeldt M.L., Tallon J.M., Garrett J.S., Zielinski M.D., Aufderheide T.P., Gandhi R.R., Schlamp R., Robinson B.R.H., Jui J., Klein L., Rizoli S., Gamber M., Fleming M., Hwang J., Vincent L.E., 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 J.T., Vermassen F., Diaz-Cartelle J., Müller-Hülsbeck S., Gray W.A. J Endovasc Ther. 2020 Apr; 27(2):2 96-303. 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 A.D., Donnelly J., Pelosi P., Ball L., Hutchinson P.J., 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 C.D., Foncerrada G., Peña R., Guillory A.N., Andersen C.R., Crandall C.G., Wolf S.E., Herndon D.N., Suman O.E., Voigt C.D., 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 M.D., Levine B.D. *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 R.I.P., Ikäheimo T.M., Hintsala H.E., Ryti N.R.I., Hautala A., Perkiömäki J.S., Crandall C.G., Mäntysaari M., Jaakkola J.J.K., Kiviniemi A.M. *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 V.G., Reuter H., Zange L., Schulz-Menger J., Hein M., Baldus S., Levine B.D., 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 M.N., Morales G., Huang M.U., Kouda K., Poh P.Y.S., Crandall C.G. *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 N.B., Stewart G.M., Illidi C.R., Levine B.D. 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 M.N., Morales G., Huang M.U., Kouda K., Poh P.Y.S., Crandall C.G. 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 S.A., Morales G., Jaffery M.F., Huang M.U., Engelland R.E., Cramer M.N., Crandall C.G. 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 S.E., Belval L.N., Yeargin S.W., Hosokawa Y., Kerr Z.Y., Casa D.J. 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 B.N., Wilhite D.P., Bhammar D.M., Babb T.G. 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 M.E., Cho S.K., Hudson A., Chong B.F. 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 K.R. Proc (Bayl Univ Med Cent). 2020 Aug 3; 33(4): 532535. 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 J.M., Bhimani A.A., Kitziger K.J., Peters P.C. Jr., Schubert R.D., Gladnick B.P. 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 R.R., Thourani V.H., Mack M.J., Kodali S.K., Kapadia S., Webb J.G., Yoon S.H., Trento A., Svensson L.G., Herrmann H.C., Szeto W.Y., Miller D.C., Satler L., Cohen D.J., Dewey T.M., Babaliaros V., Williams M.R., Kereiakes D.J., Zajarias A., Greason K.L., Whisenant B.K., Hodson R.W., Brown D.L., Fearon W.F., Russo M.J., Pibarot P., Hahn R.T., Jaber W.A., Rogers E., Xu K., Wheeler J., Alu M.C., Smith C.R., Leon M.B.; 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.**

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