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2528 Factors Associated With Severe COVID-19 Infection Among Persons of Different Ages Living in a Defined Midwestern US Population

Original Articles of man han companies and restaurable and restaurable and be in agential commented

Jennifer L. St. Sauver, Guilherme S. Lopes, Walter A. Rocca, Kavita Prasad, Michelle R. Majerus, Andrew H. Limper, Debra J. Jacobson, Chun Fan, Robert M. Jacobson, Lila J. Rutten, Aaron D. Norman, and Celine M. Vachon

Older persons are more likely to experience severe infections; however, severe cases occur in younger persons as well. These data provide insight regarding younger persons at especially high risk of severe COVID-19 infection.

2540 Association of Proton Pump Inhibitors With Higher Risk of Cardiovascular Disease and Heart

Elizabeth J. Bell, Suzette J. Bielinski, Jennifer L. St. Sauver, Lin Y. Chen, Mary R. Rooney, Nicholas B. Larson, Paul Y. Takahashi, and Aaron R. Folsom

Long-term PPI use was associated with twice the risk of total cardiovascular disease and heart failure compared with nonusers.

2550 Prevalence and Risk Factors for Inappropriate Continuation of Proton Pump Inhibitors After Discharge From the Intensive Care Unit

John W. Blackett, Adam S. Faye, Meaghan Phipps, Jianhua Li, Benjamin Lebwohl, and Daniel E. Freedberg 🕟 😱

Medically complex and surgical ICU patients are at increased risk for receiving PPIs without appropriate documented indications.

2561 Acute Kidney Injury in Severe COVID-19 Has Similarities to Sepsis-Associated Kidney Injury: A Multi-Omics Study

Mariam P. Alexander, Kiran K. Mangalaparthi, Anil K. Madugundu, Ann M. Moyer, Benjamin A. Adam, Michael Mengel, Smrita Singh, Sandra M. Herrmann, Andrew D. Rule, E. Heidi Cheek, Loren P. Herrera Hemandez, Rondell P. Graham, Denic Aleksandar, Marie-Christine Aubry, Anja C. Roden, Catherine E. Hagen, Reade A. Quinton, Melanie C. Bois, Peter T. Lin, Joseph J. Maleszewski, Lynn D. Cornell, Sanjeev Sethi, Kevin D. Pavelko, Jon Charlesworth, Ramya Narasimhan, Christopher P. Larsen, Stacey A. Rizza, Samih H. Nasr, Joseph P. Grande, Trevor D. McKee, Andrew D. Badley, Akhilesh Pandey, and Timucin Taner 🚳 😱

These data suggest that mitochondrial dysfunction may play a pivotal role in COVID-19 AKI and may allow the development of novel diagnostic and therapeutic targets.

2576 Artificial Intelligence-Augmented Electrocardiogram Detection of Left Ventricular Systolic Dysfunction in the General Population

Anthony H. Kashou, Jose R. Medina-Inojosa, Peter A. Noseworthy, Richard J. Rodeheffer, Francisco Lopez-Jimenez, Itzhak Zachi Attia, Suraj Kapa, Christopher G. Scott, Alexander T. Lee, Paul A. Friedman, and Paul M. McKie 🚱 🕒 week yout it is summed and it is a summer to a summer to be a summer to

Artificial intelligence—augmented ECG can identify preclinical left ventricular systolic dysfunction in the community and warrants further study as a screening tool.

2587 Thromboembolic Risk in Hospitalized and Nonhospitalized COVID-19 Patients: A Self-Controlled Case Series Analysis of a Nationwide Cohort

Frederick K. Ho, Kenneth K.C. Man, Mark Toshner, Colin Church, Carlos Celis-Morales, Ian C.K. Wong, Colin Berry, Naveed Sattar, and Jill P. Pell 🚯 😱

In the week following a positive test, participants were at significantly increased risk of myocardial infarction, ischemic stroke, pulmonary embolism, and deep vein thrombosis, with the increased risk of the latter two being marked.

2598 Physicians' Ratings of their Supervisor's Leadership Behaviors and Their Subsequent Burnout and Satisfaction: A Longitudinal Study

Liselotte N. Dyrbye, Brittny Major-Elechi, J. Taylor Hays, Cathryn H. Fraser, Steven J. Buskirk, and Colin P. West

Physicians' ratings of their immediate supervisor's leadership qualities were associated with their subsequent levels and changes in burnout and satisfaction 2 years later.

2606 Colleagues Meeting to Promote and Sustain Satisfaction (COMPASS) Groups for Physician Well-Being: A Randomized Clinical Trial

Colin P. West, Liselotte N. Dyrbye, Daniel V. Satele, and Tait D. Shanafelt Self-facilitated physician small-group meetings improved burnout, depressive symptoms, and job satisfaction.

2615 How Feedback Is Given Matters: A Cross-Sectional Survey of Patient Satisfaction Feedback Delivery and Physician Well-being

Stacie M. Vilendrer, Samantha M.R. Kling, Hanhan Wang, Cati Brown-Johnson, Tanvi Jayaraman, Mickey Trocke Steven M. Asch, and Tait D. Shanafelt

These findings suggest that feedback is viewed most constructively by physicians when delivered through one-on-one discussions and without comparison to peers.

A Population-Based Study of the Incidence and Natural History of Degenerative Thoracic Aortic 2628

Ying Huang, Hartzell V. Schaff, Joseph A. Dearani, Gustavo S. Oderich, Thomas C. Bower, Manju Kalra, Kevin L. Greason, Alberto Pochettino, Jason K. Viehman, William S. Harmsen, Peter Gloviczki, and Randall R. DeMartino 🚱 🛟

Older age and smoking status were associated with overall mortality, whereas larger aneurysms and descending thoracic aortic aneurysms were associated with aortic-related events.

2639 Cost-Related Nonadherence to Medications Among US Adults With Chronic Liver Diseases

Carlos Lago-Hernandez, Nghia H. Nguyen, Rohan Khera, Rohit Loomba, Sumeet K. Asrani, and Siddharth Singh

These authors observed a high prevalence of cost-related medication nonadherence and associated consequences among patients with chronic liver disease.

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2651 Rhinorbitocerebral Mucormycosis in Uncontrolled Diabetes

Stephanie L. Grach, Zach A. Yetmar, Daniel J. Rowan, and Daniel C. DeSimone



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Matthew J. Koster, Taxiarchis Kourelis, Kaaren K. Reichard, Tanaz A. Kermani, David B. Beck, Daniela Ospina Cardona, Matthew J. Samec, Abhishek A. Mangaonkar, Kebede H. Begna, C. Christopher Hook Jennifer L. Oliveira, Samih H. Nasr, Benedict K. Tiong, Mrinal M. Patnaik, Michelle M. Burke, Clement J. Michet Jr. and Kenneth J. Warrington 🚱 🕕

Consensus Recommendation

2660 High-Intensity Statins Benefit High-Risk Patients: Why and How to Do Better

Scott M. Grundy, Neil I. Stone, Roger S. Blumenthal, Lynne T. Braun, Paul A. Heidenreich, Donald Lloyd-Iones, Carl E. Oringer, Joseph J. Saseen, Sidney C. Smith Jr., Laurence S. Sperling, and Salim S. Virani 🚯 🚯

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Icon Key

- This article has been given "Editor's Choice" distinction.
- An author interview accompanies this article.
- Supplemental material accompanies this article at www.mayoclinicproceedings.org.
- Indicates articles focusing on health humanities and ethical decision making as applied to medicine and the health sciences.

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