



www.mayoclinicproceedings.org







Tat

260

Ori

261

262

26

26

26

26

Table of Contents

December 2020

Volume 95

Number 12

The January online issue of *Proceedings* will be available by Friday, January 1. Sign up for an alert to the online Table of Contents at www.mayoclinicproceedings.org

In The Limelight

2577 In the Limelight: December 2020 Karl A. Nath

Editorials

- 2580 The Heightened Risk of Fatty Liver Disorders in the Time of COVID-19

 Dylan Stanfield and Michael R. Lucey
- 2582 Gender and the Progression of Chronic Kidney Disease Joel Neugarten
- **2585** Valvular Heart Diseases Surveillance: A Commanding Necessity

 Maurice Enriquez-Sarano, Mario Gössl, Bernard Prendergast, and Hector Michelena
- 2589 Unintended Consequences of Observation Stay Use May Disproportionately Burden Medicare
 Beneficiaries in Disadvantaged Neighborhoods

 Momotazur Rahman, David J. Meyers, and Brad Wright

Medical Image

2592 Lancisi Sign: Giant C-V Waves in Tricuspid Regurgitation

M. Adam Ali and Matthew Colquhoun

Commentary

2594 Noninvasive Positive Pressure Ventilation in Patients With COVID-19
Claudia C. Dobler, M. Hassan Murad, and Michael E. Wilson

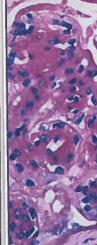
Perspectives and Controversies

- 2602 Key Opportunities for the COVID-19 Response to Create a Path to Sustainable Telemedicine Services

 Scott Breitinger, Melanie T. Gentry, and Donald M. Hilty
- Screening for SARS-CoV-2: Health Policy Implications in Low- and Middle-Income Countries

 Shahrukh K. Hashmi, M. Hassan Murad, and Elitza S. Theel

Continued









eedings.org

You



Number 12

en Medicare

elemedicine

e Countries

Mandatory Registration and Results Reporting of Real-World Evidence Studies of FDA-Regulated 2609 **Medical Products**

Sanket S. Dhruva, Nilay D. Shah, and Joseph S. Ross 🦚



Original Articles

A Cohort Study Examining the Interaction of Alcohol Consumption and Obesity in Hepatic 2612 Steatosis and Mortality

Thoetchai (Bee) Peeraphatdit, Joseph C. Ahn, Dae Hee Choi, Alina M. Allen, Douglas A. Simonetto, Patrick S. Kamath, and Vijay H. Shah 🚱 🛟

Moderate alcohol consumption is associated with lower mortality in normal-BMI and overweight individuals but not in those who are obese.

Association of Reproductive Lifespan Duration and Chronic Kidney Disease in Postmenopausal 2621

Shin Chan Kang, Jong Hyun Jhee, Young Su Joo, Sang Mi Lee, Ki Heon Nam, Hae-Ryong Yun, Seung Hyeok Han, Tae-Hyun Yoo, Shin-Wook Kang, and Jung Tak Park

The amount of endogenous estrogen exposure could be a determining factor for renal function in postmenopausal

Mortality Due to Mitral Regurgitation Among Adults in the United States: 1999-2018 2633 Vibhu Parcha, Nirav Patel, Rajat Kalra, Sarabjeet S. Suri, Garima Arora, and Pankaj Arora 🐽 🚓 Though the rates for mortality due to mitral regurgitation have declined over a 20-year study period, there was a significant increase in the mortality rate from 2012 onward.

Thirty-Day Re-observation, Chronic Re-observation, and Neighborhood Disadvantage 2644 Ann M. Sheehv, W. Ryan Powell, Farah A. Kaiksow, William R. Buckingham, Christie M. Bartels, Jen Birstler, Menggang Yu, Andrea Gilmore Bykovskyi, Fangfang Shi, and Amy J.H. Kind 🚯 🛟

Beneficiaries least able to pay are potentially most vulnerable to costs from serial re-observations and challenges of Medicare observation policy, which may discourage patients from seeking necessary care.

Transcatheter Aortic Valve Replacement vs Surgical Replacement in Patients With Pure Aortic 2655 Insufficiency

Anas A. Alharbi, Muhammad Z. Khan, Mohammed Osman, Muhammad U. Khan, Muhammad B. Munir, Moinuddin Syed, Safi U. Khan, and Sudarshan Balla 🚱 🛟

Transcatheter aortic valve replacement may be considered for patients with pure aortic insufficiency who are not candidates for surgery.

Temporal Trends in Resource Use, Cost, and Outcomes of Transcatheter Aortic Valve 2665 Replacement in the United States

Akram Kawsara, Samian Sulaiman, Jane Linderbaum, Sarah R. Coffey, Fahad Alqahtani, Vuyisile T. Nkomo, Juan A. Crestanello, and Mohamad Alkhouli

This study shows a temporal decrease in the burden of hospitalizations before and after transcatheter aortic valve replacement (TAVR), and a significant decrease in resource use and cost during the index TAVR admission.

Cardiovascular Disease in Hospitalized Patients With a Diagnosis of Coronavirus From the 2674 Pre-COVID-19 Era in United States: National Analysis From 2016-2017

Manyoo A. Agarwal, Boback Ziaeian, Carl J. Lavie, and Gregg C. Fonarow 🚯 🚹

In hospitalizations with a diagnosis of coronavirus in the pre-COVID-19 era, cardiovascular disease was associated with worse outcomes and higher health care resource utilization.

Table o

2799

e131

Cancer and Cardiovascular Risk in Women With Hypertensive Disorders of Pregnancy Carrying 2684 a Common IGF1R Variant

Mark J. Powell, Suzanne M. Dufault, Erica P. Gunderson, and Christopher C. Benz

This study demonstrated a favorable impact on the risk for future disease for women with a history of hypertensive disorders of pregnancy who carry a T allele of IGF1R SNP rs2016347.

Medical Image

2697 Rare Cause of Acute Myocardial Infarction Rahul Peravali and Khawaja Muddassir

Brief Report

Antibiotics Approved for Marketing in Populations Specifically Excluded From Premarketing 2699 Trials, 1999-2018

Aida Kuzucan, John H. Powers, and Peter Doshi

Special Articles

Best Practices in Managing Cardiac Arrest in the Emergency Department During the COVID-19 2704 Mercaley Due to Altred Reggregation & arong Adults and Planted States 1 of Simple Mercaley Due to Many States 1 of Simple Merc Heather A. Heaton, Anuradha Luke, Matthew D. Sztajnkrycer, Casey M. Clements, Alice Gallo De Moraes,

and Neha P. Raukar 🚳 🦍

2709 Substance Use Disorders and Telehealth in the COVID-19 Pandemic Era: A New Outlook Tyler S. Oesterle, Bhanuprakash Kolla, Cameron J. Risma, Scott A. Breitinger, Daniela B. Rakocevic, Larissa L. Loukianova, Daniel K. Hall-Flavin, Melanie T. Gentry, Teresa A. Rummans, Mohit Chauhan, and Mark S. Gold

Foster Well-being Throughout the Career Trajectory: A Developmental Model of Physician 2719 Resilience Training

Reviews & posturant Manufact & Communal Materials Community Andrews

A Review of the Pathophysiology and Management of Diabetes in Pregnancy 2734 Aoife M. Egan, Margaret L. Dow, and Adrian Vella

Central Airway Collapse, an Underappreciated Cause of Respiratory Morbidity 2747 David Abia-Trujillo, Adnan Majid, Margaret M. Johnson, Isabel Mira-Avendano, Neal M. Patel, Ian A. Makey, Mathew Thomas, Anna Komafeld, Britney N. Hazelett, and Sebastian Fernandez-Bussy

Please note that articles with an "e" page designation are available only in the online version of the Journal at www.mayoclinicproceedings.org

Residents' Clinic

2755 57-Year-Old Woman With Fatigue and Dyspnea Antonious Hazim, Gordon Ruan, and Meltiady Issa

e125 36-Year-Old Man With Respiratory Distress and Altered Mental Status Pierpaolo Turcano and Razvan M. Chirila

Volume 95 Number 12 Table of Contents December 2020 lumber 12 Thematic Review on Perioperative Medicine icy Carrying Perioperative Evaluation and Management of Endocrine Disorders 2760 Carina P. Himes, Ravindra Ganesh, Elizabeth C. Wight, Vinaya Simha, and Mark Liebow of hypertensive Perioperative Venous Thromboembolism Prophylaxis 2775 Matthew A. Bartlett, Karen F. Mauck, Christopher R. Stephenson, Ravindra Ganesh, and Paul R. Daniels Medical Image A Red, Swollen Finger 2799 Melissa H. Bogin and Omar M. Abu Saleh Letters to the Editor marketing Limitations of Safety Update on Convalescent Plasma Transfusion in COVID-19 Patients Youssef M.K. Farag In Reply - Limitations of Safety Update on Convalescent Plasma Transfusion in COVID-19 2802 e COVID-19 Michael. I. Joyner, Jonathon. W. Senefeld, Stephen. A. Klassen, DeLisa Fairweather, R. Scott Wright, and Rickey E. Carter De Moraes, **Reviewers List** utlook Reviewers for Mayo Clinic Proceedings (2020) 2804 ic, ihan, Path to Patient Image Quiz 2808 Renal Neoplasia in Cowden Syndrome *<u>nysician</u>* Sounak Gupta and Lori A. Erickson Art at Mayo Clinic e131 Give Me Wings by Susanne Schuenke Margaret R. Wentz n A. Makey, Coming Soon... Infant Antibiotic Exposure and Childhood Health Effectiveness of Physical Distancing Outcomes SARS-CoV-2 Transmission Among Coworkers in a Acute Myocardial Infarction in Patients With Prior Surgical Environment Timing and Balance of Physical Activity and Rest/ Polypharmacy Management in Older Patients Sleep With Risk of COVID-19 COVID-19 and Medical Education: Risks, Benefits, Ethical Challenges in COVID-19 Biospecimen Research and Institutional Obligations

Continued

COVID-19 -Associated Coagulopathy

Continued

Smartphones in Epilepsy