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Original Articles

1780 Effectiveness of COVID-19 Booster on the Risk of Hospitalization Among Medicare Beneficiaries
Hemalkumar B. Mehta, Shuang Li, and James S. Goodwin
In a 4-month period similar to the period studied, about 69,225 hospitalizations could be prevented by boosters in the 15 million individuals aged 65 years or older currently not boosted.

1794 Echocardiography-Based Cardiac Structure Parameters for the Long-term Risk of End-Stage Kidney Disease in Black Individuals: The Atherosclerosis Risk in Communities Study
Minghao Kou, Manabu Hishida, Lena Mathews, Dalane W. Kitzman, Amil M. Shah, Josef Coresh, Scott Solomon, Kunihiro Matsushita, and Junichi Ishigami
In Black individuals residing in the community, echocardiographic parameters of left ventricular structure, including left ventricular wall thickness, were robustly associated with the risk of subsequent end-stage kidney disease.

1808 Effect of the Renin-Angiotensin System Inhibitors on Inflammatory Markers: A Systematic Review and Meta-analysis of Randomized Controlled Trials
Kamal Awad, Mahmoud Mohamed Zaki, Maged Mohammed, Joanna Lewek, Carl J. Lawie, and Maciej Banach on behalf of the Lipid and Blood Pressure Meta-analysis Collaboration Group
Angiotensin-converting enzyme inhibitors showed a beneficial lowering effect on C-reactive protein, interleukin 6, and tumor necrosis factor α, whereas angiotensin receptor blockers were effective in reduction of interleukin 6 only.

1824 Indirect Comparison of Glucocorticoid-Sparing Agents for Remission Maintenance in Giant Cell Arteritis: A Network Meta-analysis
Sabine Mainbourg, Axel Tabary, Michel Cucherat, François Gueyffier, Hervé Lobbes, Marie Aussedat, Guillaume Grenet, Isabelle Duneu, Maxime Samson, and Jean Christophe Lega
With low to very low certainty of evidence, tocilizumab may be superior to other sparing agents to prevent giant cell arteritis relapse, and safety is comparable to the other drugs.

1836 Indigenous Smoking Behaviors in Olmsted County, Minnesota: A Longitudinal Population-Based Study
Ann M. Rusk, Rachel E. Giblon, Alanna M. Chamberlain, Christi A. Patten, Jamie R. Felzer, Yvonne T. Bui, Chung-Il Wi, Christopher C. Destephano, Barbara A. Abbott, and Cassie C. Kennedy
Smoking prevalence was significantly higher in Indigenous people compared with an age- and sex-matched cohort in Olmsted County due to a smoking relapse rate three times higher than the non-Indigenous cohort.

1849 Acute Esophageal Necrosis: A Retrospective Cohort Study Highlighting the Mayo Clinic Experience
In patients with an unclear diagnosis, esophageal biopsies may be helpful given the characteristic histologic findings.

1861 Pituitary Adenoma Incidence, Management Trends, and Long-term Outcomes: A 30-Year Population-Based Analysis
Christopher S. Graffeo, Karan J. Yagnik, Lucas P. Carlstrom, Nikita Lakomkin, Irina Bancos, Caroline Davidson-Pitts, Dana Erickson, Garrett Choby, Bruce E. Pollack, Alanna M. Chamberlain, and Jamie J. Van Gompel
Pituitary adenoma is a highly incident disease, with prolactin-secreting and incidental lesions representing the majority of tumors.
Sex Differences in Management and Outcomes Among Patients With High-Risk Pulmonary Embolism: A Nationwide Analysis

Ramy Sedhom, Michael Megaly, Ayman Elbadawi, George Yassa, Ido Weinberg, Martha Gulati, and Islam Y. Elgendy

In patients admitted with high-risk pulmonary embolism, women had higher rates of in-hospital mortality despite receiving advanced therapies more frequently, whereas the rate of major bleeding events was not different from men.

Impact of Blood Lipids on 10-Year Cardiovascular Risk in Individuals Without Dyslipidemia and With Low Risk Factor Burden


Except for triglycerides, all lipid variables were associated with atherosclerosis and future risk of cardiovascular disease among persons without dyslipidemia and with low risk factor burden.

Gardner Syndrome With Breast Desmoid Tumors

Santo Maimone and Jason T. Lewis

Effects of Replacing Sedentary Time With Physical Activity on Mortality Among Patients With Heart Failure: National Health and Nutrition Examination Survey Follow-Up Study

Youngdeok Kim, Justin M. Canada, Jonathan Kenyon, Hayley E. Billingsley, Ross Arena, Carl J. Lavie, and Salvatore Carbone

Diabetic Kidney Disease Back in Focus: Management Field Guide for Health Care Professionals in the 21st Century

Radica Alicic and Susanne B. Nicholas

Overview of Lymphedema for Physicians and Other Clinicians: A Review of Fundamental Concepts

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46-Year-Old Man With Presyncope and Rash

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Art at Mayo Clinic

1958 *Four Houses* by Jennifer Bartlett
Margaret R. Wentz

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](http://www.mayoclinicproceedings.org).
- Indicates articles focusing on health humanities and ethical decision making as applied to medicine and the health sciences.