



# MAYO CLINIC PROCEEDINGS

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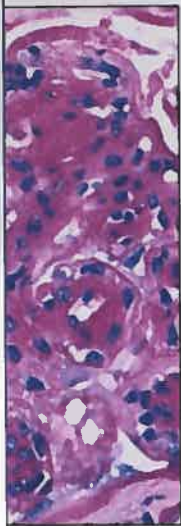
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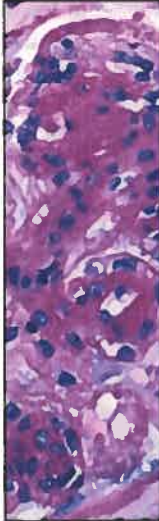
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- 1842 Flexibilization of Science, Cognitive Biases, and the COVID-19 Pandemic**  
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**Original Articles**

- 1852 Amyloid Typing by Mass Spectrometry in Clinical Practice: a Comprehensive Review of 16,175 Samples**  
*Surendra Dasari, Jason D. Theis, Julie A. Vrana, Karen L. Rech, Linda N. Dao, Matthew T. Howard, Angela Dispenzieri, Morie A. Gertz, Linda Hasadsri, W. Edward Highsmith, Paul J. Kurtin, and Ellen D. McPhail* 🇺🇸  
Amyloid typing by proteomics, which effectively recognizes all amyloid types in a single assay, optimally supports the diagnosis and treatment of amyloidosis patients in routine clinical practice.
- 1865 Coronary Artery Bypass Grafting in Cancer Patients: Prevalence and Outcomes in the United States**  
*Avirup Guha, Amit K. Dey, Ankur Kalra, Richard Gumina, Maryam Lustberg, Carl J. Lavie, Joseph F. Sabik III, and Daniel Addison* 🇧🇷 🇺🇸  
Coronary artery bypass grafting should not be declined in cancer patients when otherwise indicated.
- 1877 Maternal Gestational Diabetes Mellitus Modifies the Relationship Between Genetically Determined Body Mass Index During Pregnancy and Childhood Obesity**  
*Zhaoxia Liang, Huikun Liu, Leishen Wang, Qiyong Song, Dianjianyi Sun, Weiqin Li, Junhong Leng, Ru Gao, Gang Hu, and Lu Qi* 🇺🇸  
Hyperglycemia during pregnancy is a major risk factor for childhood obesity, irrespective of genetic makeup. This has potentially important implications in prevention of obesity among children born to gestational diabetes mellitus mothers.
- 1888 Safety Update: COVID-19 Convalescent Plasma in 20,000 Hospitalized Patients**  
*Michael J. Joyner, Katelyn A. Bruno, Stephen A. Klassen, Katie L. Kunze, Patrick W. Johnson, Elizabeth R. Lesser, Chad C. Wiggins, Jonathon W. Senefeld, Allan M. Klompas, David O. Hodge, John R.A. Shepherd, Robert F. Rea, Emily R. Whelan, Andrew J. Clayburn, Matthew R. Spiegel, Sarah E. Baker, Kathryn F. Larson, Juan G. Ripoll, Kylie J. Andersen, Matthew R. Buras, Matthew N.P. Vogt, Vitaly Herasevich, Joshua J. Dennis, Riley J. Regimbal, Philippe R. Bauer, Janis E. Blair, Camille M. van Buskirk, Jeffrey L. Winters, James R. Stubbs, Noud van Helmond, Brian P. Butterfield, Matthew A. Sexton, Juan C. Diaz Soto, Nigel S. Paneth, Nicole C. Verdun, Peter Marks, Arturo Casadevall, DeLisa Fairweather, Rickey E. Carter, and R. Scott Wright* 🇺🇸 🇧🇷 🇺🇸  
These data on 20,000 hospitalized patients with severe or life-threatening COVID-19 provide continued optimism for the safety of COVID-19 convalescent plasma.
- 1898 Universal Shelter-in-Place Versus Advanced Automated Contact Tracing and Targeted Isolation: A Case for 21st-Century Technologies for SARS-CoV-2 and Future Pandemics**  
*Andrea Nuzzo, Can Ozan Tan, Ramesh Raskar, Daniel C. DeSimone, Suraj Kapa, and Rajiv Gupta* 🇺🇸 🇺🇸  
Using literature published between February 1 and May 25, 2020, these authors found that advanced targeted digital contact tracing could reduce disease spread while impacting fewer individuals.



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- 1906 The System Is Broken: A Qualitative Assessment of Opioid Prescribing Practices After Spine Surgery**  
*Nafisseh S. Warner, Dawn Finnie, David O. Warner, W. Michael Hooten, Karen F. Mauck, Julie L. Cunningham, Halena Gazelka, Mohamad Bydon, Paul M. Huddleston, and Elizabeth B. Habermann*  
 Health care professionals consistently expressed difficulties in analgesic expectation setting for patients with chronic pain, opioid tapering, and transitions of prescribing responsibility and communication between team members.
- 1916 Sex and Gender Disparities in the Management and Outcomes of Acute Myocardial Infarction—Cardiogenic Shock in Older Adults**  
*Saraschandra Vallabhajosyula, Saarwaani Vallabhajosyula, Shannon M. Dunlay, Sharonne N. Hayes, Patricia J.M. Best, Jorge A. Brenes-Salazar, Amir Lerman, Bernard J. Gersh, Allan S. Jaffe, Malcolm R. Bell, David R. Holmes Jr., and Gregory W. Barsness* 🚫➕  
 Female sex is an independent predictor of worse in-hospital outcomes in older adults with acute myocardial infarction/cardiogenic shock.
- 1928 Hospitalization With Major Infection and Incidence of End-Stage Renal Disease: The Atherosclerosis Risk in Communities (ARIC) Study**  
*Junichi Ishigami, Logan T. Cowan, Ryan T. Demmer, Morgan E. Grams, Pamela L. Lutsey, Josef Coresh, and Kunihiro Matsushita*  
 Hospitalization with major infection was independently and robustly associated with subsequent risk for end-stage renal disease.
- Medical Image**
- 1940 Ependymal Petechial Hemorrhages in Bacterial Meningitis**  
*Dileep D. Monie and Fredric B. Meyer*
- Brief Report**
- 1942 Low Utility of Repeat Real-Time PCR Testing for SARS-CoV-2 in Clinical Specimens**  
*Douglas W. Challener, Aditya Shah, John C. O'Horo, Elie Berbari, Matthew J. Binnicker, and Aaron J. Tande*
- Special Article**
- 1946 Developing an Ethics Framework for Allocating Remdesivir in the COVID-19 Pandemic**  
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- Reviews**
- 1955 A Review of Hypertension Management in Black Male Patients**  
*Elisabeth M. Sulaica, Joshua T. Wollen, John Kotter, and Tracy E. Macaulay*
- 1964 Evidence-Based Pharmacotherapies for Alcohol Use Disorder: Clinical Pearls**  
*Jeremiah Fairbanks, Audrey Umbreit, Bhanu Prakash Kolla, Victor M. Karpyak, Terry D. Schneekloth, Larissa L. Loukianova, and Shirshendu Sinha*
- Concise Review for Clinicians—CME Credit Offered**
- 1978 Pulmonary Hypertension: A Brief Guide for Clinicians**  
*Stacy A. Mandras, Hirsch S. Mehta, and Anjali Vaidya* ➕

## Understanding Disease

### 1989 Targeting TMPRSS2 in SARS-CoV-2 Infection

Linda B. Baughn, Neeraj Sharma, Eran Elhaik, Aleksandar Sekulic, Alan H. Bryce, and Rafael Fonseca

Please note that articles with an "e" page designation are available only in the online version of the Journal at [www.mayoclinicproceedings.org](http://www.mayoclinicproceedings.org)

## Residents' Clinic

### 2000 33-Year-Old Woman With Postpartum Acute Shortness of Breath

Mitchell R. Padkins and Malcolm R. Bell

### e91 64-Year-Old Man With Altered Mental Status

Tyler J. Schmidt, Yosuf W. Subat, and Alice Gallo De Moraes

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### 2005 Cerebral Cavernous Malformation: What a Practicing Clinician Should Know

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### 2021 Prevention, Diagnosis, and Management of Chronic Wounds in Older Adults

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- 2043** In Reply — Serious Illness Conversation  
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- 2044** Association Between Pulse Pressure and the Risk of Sudden Cardiac Death in Middle-Aged Men: A 26-Year Follow-up Population-Based Study  
*Sae Young Jae, Sudhir Kurl, Setor K. Kunutsor, Kevin S. Heffernan, Jeong Bae Park, and Jari A. Laukkanen*
- 2046** A Case of Elevated Intracranial Pressure Diagnosed With Point-of-Care Ocular Ultrasound  
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