



# MAYO CLINIC PROCEEDINGS

[www.mayoclinicproceedings.org](http://www.mayoclinicproceedings.org)



## Table of Contents

May 2017 Volume 92 Number 5

The June online issue of *Proceedings* will be available by Thursday, June 1.  
Sign up for an alert to the online Table of Contents at [www.mayoclinicproceedings.org](http://www.mayoclinicproceedings.org)

## Editorial

- 689** Disparate Cardiovascular Disease Rates in African Americans: The Role of Stress Related to Self-Reported Racial Discrimination  
*Keith C. Ferdinand and Samar A. Nasser*


## Commentary

- 693** Melanoma Screening: Thinking Beyond the Guidelines  
*Richard A. Shellenberger, Sweta Kakraparthi, and Karine Tawagi*


## Original Articles

- 699** Perceived Discrimination and Cardiovascular Outcomes in Older African Americans: Insights From the Jackson Heart Study  
*Shannon M. Dunlay, Steven J. Lippmann, Melissa A. Greiner, Emily C. O'Brien, Alanna M. Chamberlain, Robert J. Mentz, and Mario Sims*
- This study found no association between perceived everyday or lifetime discrimination and risk of cardiovascular disease events.
- 710** The Combined Association of Skeletal Muscle Strength and Physical Activity on Mortality in Older Women: The HUNT2 Study  
*Trine Karlsen, Javaid Nauman, Håvard Dalen, Amulf Langhammer, and Ulrik Wisløff*
- Two affordable, quick, and clinically feasible tests of skeletal muscle strength in the arms (handgrip strength) and the legs (chair-rise test) predict future all-cause and cardiovascular disease mortality.
- 719** Ethical Analysis of Withdrawing Total Artificial Heart Support  
*Erin S. DeMartino, Sara E. Wordingham, John M. Stulak, Barry A. Boilson, Kayla R. Fuechtmann, Nausheen Singh, Daniel P. Sulmasy, Octavio E. Pajaro, and Paul S. Mueller*
- Under what circumstance is withdrawal of total artificial heart support—leading to certain, near-instantaneous death—ethically and legally permissible?

Continued

- 726** Early Adoption of a Multitarget Stool DNA Test for Colorectal Cancer Screening  
*Lila J. Finney Rutten, Robert M. Jacobson, Patrick M. Wilson, Debra J. Jacobson, Chun Fan, John B. Kisiel, Seth Sweetser, Sidna M. Tulledge-Scheitel, and Jennifer L. St. Sauver* 

Younger age, female sex, white race, and prior colorectal cancer screening were associated with the use of multitarget stool DNA screening as compared with the use of colonoscopy.



- 734** Incidence and Mortality of Physician-Diagnosed Primary Sjögren Syndrome: Time Trends Over a 40-Year Period in a Population-Based US Cohort  
*Gabriel Maciel, Cynthia S. Crowson, Eric L. Matteson, and Divi Cornec* 

The average annual incidence of physician-diagnosed primary Sjögren syndrome was 5.8 per 100,000 population, with a progressive increase over 40 years.

### My Treatment Approach

- 744** Broad Concepts in Management of Systemic Lupus Erythematosus  
*Vaidehi R. Chowdhary*

### Reviews


- 762** New-Onset Diabetes After Acute and Critical Illness: A Systematic Review  
*Chirag J. Jivanji, Varsha M. Asrani, John A. Windsor, and Maxim S. Petrov*  
- 774** Clinical Interpretation of Urine Drug Tests: What Clinicians Need to Know About Urine Drug Screens  
*Karen E. Moeller, Julie C. Kissack, Rabia S. Atayee, and Kelly C. Lee*

### Concise Review for Clinicians—CME Credit Offered

- 797** Approach to the Patient With Hematochezia  
*Thomas G. Cotter, Niamh S. Buckley, and Conor G. Loftus*

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' Clinics

- 805** 62-Year-Old Man With Back Pain and Lower Extremity Weakness  
*Micah D. Yost and Laura S. Greenlund*
- e75** 40-Year-Old Man With Diarrhea and Lymphadenopathy  
*Jithma P. Abeykoon, Omar M. Abu Saleh, and Deanne T. Kashiwagi* 

---

**Symposium on Precision Medicine—CME Credit Offered**


---

- 810 Individualized Medicine in Gastroenterology and Hepatology  
*Michael C. Stephens, Lisa A. Boardman, and Konstantinos N. Lazaridis* 

---

**Symposium on Neurosciences—CME Credit Offered**

---

- 826 Diagnosis and Management of Immune-Mediated Myopathies  
*Margherita Milone*
- 838 Monoclonal Gammopathy—Associated Peripheral Neuropathy: Diagnosis and Management  
*Hafsa M. Chaudhry, Michelle L. Mauermann, and S. Vincent Rajkumar* 

---

**Letters to the Editor**

---

- 851 Predictive Validity of a Fitness Fatness Index in Predicting Cardiovascular Disease and All-Cause Mortality  
*Meghan K. Edwards, Ovuokerie Addoh, and Paul D. Loprinzi*
- 851 Arytenoid Prolapse in 3 Patients With Ehler-Danlos Syndrome Leading to Respiratory Compromise  
*Fadi A. Safi, Mohammad A. Alyosif, Sarah Imam, and Ragheb A. Assaly*

---

**Medical Images**

---

- 854 Mixed Essential Cryoglobulinemia  
*Pratyaksha Sankhyan and Alexei Gonzalez-Estrada*

---

**Path to Patient Image Quiz**


---

- e81 Mantle Cell Involvement of the Spleen  
*Lori A. Erickson* 

---

**Stamp Vignette on Medical Science**

---

- e83 Antonius Mathijssen and Plaster Casts  
*Ahmadreza Afshar, David P. Steensma, and Robert A. Kyle* 



---

**Art at Mayo Clinic**


---

- e85 *Chilkat Ceremonial Dancing Blanket – Circa 1870s*  
Margaret R. Wentz 

---

**Other Features**


---

- 853 Correction  
19A Professional Opportunities

---

**Coming Soon...**






---

- |                                                                                    |                                                                                   |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Gender Differences in Physician Service Provision                                  | Presentation and Outcomes of Localized Immunoglobulin Light Chain Amyloidosis     |
| Alzheimer Disease: Scientific Breakthroughs and Translational Challenges           | Prognostic Value of Geriatric Conditions Beyond Age After Acute Coronary Syndrome |
| The Organ Transplant Imperative                                                    |                                                                                   |
| Cardiorespiratory Fitness and Mortality in Men With Emotional Distress             | Biology and Treatment of Aggressive Fibromatosis or Desmoid Tumor                 |
| Incidence and Trends of Basal Cell Carcinoma and Cutaneous Squamous Cell Carcinoma | Making Dysphagia Easier to Swallow: A Review for the Practicing Clinician         |

---

**Icon Key**


---

-  This article has been given "Editor's Choice" distinction.
-  An author interview accompanies this article.
-  This article is online only at [www.mayoclinicproceedings.org](http://www.mayoclinicproceedings.org).
-  Supplemental material accompanies this article at [www.mayoclinicproceedings.org](http://www.mayoclinicproceedings.org).



"Mayo Clinic Proceedings," "Mayo," "Mayo Clinic," and the triple-shield Mayo Clinic logo are all registered marks of Mayo Foundation for Medical Education and Research.

MAYO CLINIC PROCEEDINGS (ISSN 0025-6196) is published monthly by Elsevier on behalf of Mayo Foundation for Medical Education and Research. Periodicals postage paid at New York, NY, and additional mailing offices. POST MASTER: Send address changes to Mayo Clinic Proceedings Customer Service, 3251 Riverport Lane, Maryland Heights, MO 63043.

