

MAYO CLINIC PROCEDINGS

www.mayoclinicproceedings.org







Table of Contents

September 2017

Volume 92

The October online issue of Proceedings will be available by Monday, October 2. Sign up for an alert to the online Table of Contents at www.mayoclinicproceedings.org

Editorials

- 1323 Preeclampsia: The Vasculature Never Forgets, Neither Should We Line Malha and Phyllis August
- 1326 A Comment on Driving and Neurologic Impairment Robert S. Fisher and Joseph F. Drazkowski

Original Articles

- Carotid Artery Intima-Media Thickness and Subclinical Atherosclerosis in Women With 1328 Remote Histories of Preeclampsia: Results From a Rochester Epidemiology Project-Based Study and Meta-analysis
 - Vesna D. Garovic, Natasa M. Milic, Tracey L. Weissgerber, Michelle M. Mielke, Kent R. Bailey, Brian Lahr, Muthuvel Jayachandran, Wendy M. White, Howard N. Hodis, and Virginia M. Miller @ 🎨 😱
 - Among women with a history of preeclampsia, carotid artery intima-media thickness may identify those with subclinical atherosclerosis, thus offering an opportunity for early intervention.
- 1341 Comparison of Unsafe Driving Across Medical Conditions
 - Sanghee Moon, Maud Ranchet, Mark Tant, Abiodun E. Akinwuntan, and Hannes Devos 🦚 🛟



- The ability to drive a car is vital for independence. These authors say guidelines are needed to identify patients at risk, especially those with psychiatric conditions and substance abuse problems.
- Clinical Features, Etiologic Factors, Associated Disorders, and Treatment of Palmoplantar 1351 Pustulosis: The Mayo Clinic Experience, 1996-2013

Jeannette M. Olazagasti, Janice E. Ma, and David A. Wetter 🌎



- More than three-fourths of the patients in this series had a history of smoking; however, gluten sensitivity and thyroid disease were found less frequently than previously reported.
- 1359 Botulinum Toxin in Parkinson Disease Tremor: A Randomized, Double-Blind, Placebo-Controlled Study With a Customized Injection Approach

Shivam Om Mittal, Duarte Machado, Diana Richardson, Divyanshu Dubey, and Bahman labbari 🌑 Injection of IncoA via a customized approach improved Parkinson disease tremor both on a clinical scale and patient perception, with a low occurrence of significant hand weakness.

14

14

14

14



1368 The Effect of Dogs on Human Sleep in the Home Sleep Environment
Salma I. Patel, Bernie W. Miller, Heidi E. Kosiorek, James M. Parish, Philip J. Lyng, and Lois E. Krahn
A single adult dog in the bedroom may not markedly disrupt sleep, but if the dog shares the bed, a pet owner's sleep may be more compromised.

Special Article

1373 When Patients and Their Families Feel Like Hostages to Health Care
Leonard L Berry, Tracey S. Danaher, Dan Beckham, Rana LA. Awdish, and Kedar S. Mate

Reviews

- 1382 Mechanical Ventilation: State of the Art
 Tai Pham, Laurent J. Brochard, and Arthur S. Slutsky
- 1401 Electrical Neuromodulation of the Respiratory System After Spinal Cord Injury

 Jan T. Hachmann, Peter J. Grahn, Jonathan S. Calvert, Dina I. Drubach, Kendall H. Lee, and Igor A. Lavrov

Concise Review for Clinicians—CME Credit Offered

1415 The Childhood Roots of Cardiovascular Disease Disparities

Donald A. Barr

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

- 1422 69-Year-Old Man With Abdominal Pain and Obstipation
 Arnrit K. Kamboj. Thomas G. Cotter, and Conor G. Loftus
- e121 60-Year-Old Woman With Headache and Fatigue
 Lauren F. Cornell, Keith A. Sacco, and Razvan M. Chirila

Symposium on Neurosciences—CME Credit Offered

1427 Neurostimulation Devices for the Treatment of Neurologic Disorders Christine A. Edwards, Abbas Kouzani, Kendall H. Lee, and Erika K. Ross

Case Report

1445 Real-Time Cineangiography Visualization of Cerebral Aneurysm Rupture in an Awake Patient: Anatomic, Physiological, and Functional Correlates

Tasha L Welch, Waleed Brinjikji, Guiseppe Lanzino, and William L. Lanier

Table of Contents

Letters to the Editor

leep

- 1452 50 Shades of Brown: Going Beyond the Guidelines in Melanoma Screening With Partner Skin Examinations

 John G. Zampella, Shawn G. Kwatra, and Bernard A. Cohen.
- 1452 In Reply—50 Shades of Brown: Going Beyond the Guidelines in Melanoma Screening With Partner Skin Examinations
 Richard A. Shellenberger
- 1453 Regarding "Emergencies in Hematology and Oncology"—I

 Daniel J. Morris
- 1453 Regarding "Emergencies in Hematology and Oncology"—II

 François Vincent, Abdelaziz Bouguerba, and Soufia Ayed; for the Group for Research in Respiratory Intensive Care
 Onco-Hematology (Grrr-OH)
- 1454 In Reply—Regarding "Emergencies in Hematology and Oncology," I and II Thorvardur R. Halfdanarson, William J. Hogan, and Bo E. Madsen
- 1455 Defining Physician Burnout, and Differentiating Between Burnout and Depression—I Renzo Bianchi and Irvin Sam Schonfeld
- 1455 Defining Physician Burnout, and Differentiating Between Burnout and Depression—II Raquel Marie Schears
- 1456 In Reply—Defining Physician Burnout, and Differentiating Between Burnout and Depression Edward R. Melnick, Seth M. Powsner, and Tait D. Shanafelt

Medical Images

1459 Embolic Origin of Osler Nodes
Yap-Hang Chan and Hung-Fat Tse

Path to Patient Image Quiz

1461 Pancreatic Ductal Adenocarcinoma Lori A. Erickson

Stamp Vignette on Medical Science

e127 Charles Fletcher, The Centaur Company, and Proprietary Medicine Revenue Stamps

David P. Steensma and Robert A. Kyle

nued

Art at Mayo Clinic

e129 Dos Quatro by Bill Barrett Margaret R. Wentz

Other Features

1458 Correction

Professional Opportunities 19A

Coming Soon...

Serum Calcium and Risk of Sudden Cardiac Arrest

Timing of Intubation in Acute Respiratory Failure Associated With Sepsis

My Treatment Approach: Pancreatic Cysts

The Diagnosis and Management of Bipolar I and II Disorders

Weight Gain in Women at Midlife: Pathophysiology and Strategies for Management Genomic Profiling in Cancer Patients

Palliative Care in Neurology

September 2017

Medical Licensure Questions and Physician Reluctance to Seek Care for Mental Health Conditions

Management of Muscle-Invasive Urothelial Cancer

Statin Use and Risk of Community-Acquired Staphylococcus aureus Bacteremia

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.

Supplemental material accompanies this article at 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 Elsevier, Journal Returns, 1799 Highway 50 East, Linn, MO 65051.



🕁 2017 Mayo Foundation for Medical Education and Research

Supplemental material attached to journal articles has not been edited, and the authors take responsibility for the accuracy of all data.