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

In The Limelight

In the Limelight: October 2019 1915

Karl A. Nath



Editorials

- Readmissions in Heart Failure: It's More Than Just the Medicine 1919 Yogesh N.V. Reddy and Barry A. Borlaug
- Rethinking Prenatal Exercise Trials: How Can We Improve Translation? 1922 Tracey L. Weissgerber and Vesna D. Garovic
- Obesity Paradox in Pulmonary Embolism: Myth or Reality? 1925 Philippe R. Bauer
- Adiposity and Cardiovascular Risk in Children and Adolescents: Implications of the Amount of 1928 Fat Carried and Where them Didn't street a research merchanic beauty significant Jose Castro-Piñero, Francisco B. Ortega, and Jonatan R. Ruiz (1995) (1995) (1995) (1995) (1995)
- 1931 The Mayo Clinic Proceedings Thematic Review on Vaccines Priya Sampathkumar HERE THE PARTY OF THE PROPERTY OF THE PARTY OF THE PARTY

Medical Image the secret received and secretary of the se

Occult Femur Fracture 1934

Ming-Chen Tsai and Yi-Shin Chen

Perspective and Controversy

1936 Treatment Over Objection-Moral Reasons for Reluctance

Mark Christopher Navin, Jason Adam Wasserman, and Mark H. Haimann 🚱 🚯 🔻 🖽



Original Articles

1939 Readmissions Among Patients Admitted With Acute Decompensated Heart Failure Based on Income Quartiles

Shantanu Patil, Mahek Shah, Brijesh Patel, Manyoo Agarwal, Pradhum Ram, and Venkata Mahesh Alla Patients in communities with the lowest quartile of income have a higher rate of readmission following the index heart failure admission, with high associated costs.

Continued

- 1951 Protective Effect of Exercise in Pregnant Women Including Those Who Exceed Weight Gain Recommendations: A Randomized Controlled Trial
 - Mireia Pelaez, Silvia Gonzalez-Cerron, Rocío Montejo, and Rubén Barakat Promoting supervised exercise programs on the standard care protocols for pregnant women could be effective and cost-saving.
- 1960 Survival Benefit of Obese Patients With Pulmonary Embolism

Karsten Keller, Lukas Hobohm, Thomas Münzel, Mir A. Ostad, Christine Espinola-Klein, Carl J. Lavie, Stavros Konstantinides, and Mareike Lankeit

Obesity was associated with decreased in-hospital mortality rates in patients with pulmonary embolism relative to patients with normal weight or overweight.

1974 Regional Adipose Compartments Confer Different Cardiometabolic Risk in Children and Adolescents: The China Child and Adolescent Cardiovascular Health Study

Yinkun Yan, Junting Liu, Xiaoyuan Zhao, Hong Cheng, Guimin Huang, and Jie Mi; for the China Child and Adolescent Cardiovascular Health (CCACH) Study Research Group

Trunk fat mass and abdominal fat mass were positively associated with all cardiometabolic risk factors.

1983 Differences in Health Care Utilization in the Year Before Suicide Death: A Population-Based Case-Control Study

Megan M. Chock, Jane C. Lin, Vidush P. Athyal, and J. Michael Bostwick

Suicide decedents used more health care services and increased health care visits throughout the year before suicide death.

1994 Admission Braden Skin Score Independently Predicts Mortality in Cardiac Intensive Care

Jacob C. Jentzer, Nandan S. Anavekar, Jorge A. Brenes-Salazar, Brandon Wiley, Dennis H. Murphree, Courtney Bennett, Joseph G. Murphy, Mark T. Keegan, and Gregory W. Barsness

A lower Braden skin score (indicating an increased risk of pressure-related skin injury) at the time of CICU admission predicted an increased risk of mortality.

2004 Early Detection of Pancreatic Cancer in Patients With Chronic Liver Disease Under Hepatocellular Carcinoma Surveillance

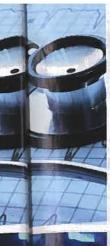
Teru Kumagi, Takashi Terao, Tomoyuki Yokota, Nobuaki Azemoto, Taira Kuroda, Yoshiki Imamura, Kazuhiro Uesugi, Yoshiyasu Kisaka, Yoshinori Tanaka, Naozumi Shibata, Mitsuhito Koizumi, Yoshinori Ohno, Atsushi Yukimoto, Kazuhiro Tange, Mari Nishiyama, Kozue Kanemitsu, Teruki Miyake, Hideki Miyata, Hiroshi Ishii, and Yoichi Hiasa; on behalf of the Ehime Pancreato-Cholangiology (EPOCH) Study Group Careful observation of the pancreas and special attention to the indirect features of pancreatic cancer are important during hepatocellular carcinoma surveillance.

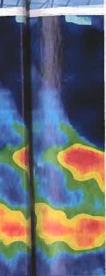
2011 Cumulative Doses of Ionizing Radiation From Computed Tomography: A Population-Based Study
Konrad H. Stopsack and James R. Cerhan

Doses were considerably higher in older patients, underweight and obese patients, smokers, black patients, and patients with lower educational status.

Self-valuation: Attending to the Most Important Instrument in the Practice of Medicine
Mickey T. Trockel, Maryam S. Hamidi, Nikitha K. Menon, Susannah G. Rowe, Jessica C. Dudley, Miriam T. Stewart,
Cory Z. Geisler, Bryan D. Bohman, and Tait D. Shanafelt

Results of this current multicenter study suggest a strong association and a clear dose response relationship between physician self-valuation and burnout and between self-valuation and sleep-related impairment.









2032 Prognostic Importance and Predictors of Survival in Isolated Tricuspid Regurgitation: A Growing

Erin A. Fender, Ioana Petrescu, Filip Ionescu, Chad J. Zack, Sorin V. Pislaru, Vuyisile T. Nkomo, Jordan J. Cochuyt, David O. Hodge, and Rick A. Nishimura

Efforts to better characterize early markers of right ventricular dysfunction are needed to determine the optimal timing of referral for corrective therapies such as surgical intervention.

2040 Diagnostic Accuracy of Computed Tomography to Exclude Pheochromocytoma: A Systematic Review, Meta-analysis, and Cost Analysis

Edward Buitenwerf, Annika M.A. Berends, Antoinette D.I. van Asselt, Tijmen Korteweg, Marcel J.W. Greuter, Nic J.M. Veeger, Thera P. Links, Robin P.F. Dullaart, and Michiel N. Kerstens

Pheochromocytomas can be reliably ruled out in cases of adrenal lesions with an unenhanced computed tomography attenuation value of 10 Hounsfield units or less.

Medical Image and the second and the second second

2053 Acute Corneal Hydrops in Keratoconus With Atopic Dermatitis Shizuka Koh and Kohji Nishida

Consensus Recommendation

The Mayo Clinic Histiocytosis Working Group Consensus Statement for the Diagnosis and Evaluation of Adult Patients With Histiocytic Neoplasms: Erdheim-Chester Disease, Langerhans Cell Histiocytosis, and Rosai-Dorfman Disease

Gaurav Goyal, Jason R. Young, Matthew J. Koster, W. Oliver Tobin, Robert Vassallo, Jay H. Ryu, Caroline J. Davidge-Pitts, Mana D. Hurtado, Aishwarya Ravindran, Julio C. Sartori Valinotti, N. Nora Bennani, Mithun V. Shah, Karen L. Rech, and Ronald S. Go; on behalf of the Mayo Clinic Histiocytosis Working Group

Special Article

2072 Medication-Assisted Treatment for Opioid-Use Disorder

Tyler S. Oesterle, Nuria J. Thusius, Teresa A. Rummans, and Mark S. Gold 🚯

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2087 Pure Autonomic Failure

Elizabeth A. Coon, Wolfgang Singer, and Phillip A. Low

2099 Regenerative Materials for Surgical Reconstruction: Current Spectrum of Materials and a Proposed Method for Classification

Ayushman Sharma, William A. Faubion, and Allan B. Dietz 🦚

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Residents' Clinic

2117 30-Year-Old Woman With Intractable Vomiting

Jason D. Eckmann, Amrit K. Kamboj, and Conor G. Loftus

2122 63-Year-Old Woman With Abdominal Pain and Thrombocytopenia
Frederique St-Pierre, Aditya S. Pawar, and Rajiv Kumar

e117 78-Year-Old Woman With Intermittent Chest Pain and Palpitations Bassim El-Sabawi, Park P. Zheng, and Allan S. Jaffe 🐽

Thematic Review on Vaccines

Vaccines for Health Care Personnel Melanie D. Swift and Amy J. Behrman

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Esophageal Hematoma Mimicking a Large Esophageal Polyp: A Diagnostic Clue of Acquired 2142 No. 12 Notices from the Property of the proper Hemophilia A Kazunori Sugimura and Naoki Ishii

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Art at Mayo Clinic

Mayo Clinic Alix School of Medicine Owl by Harold Crawford Margaret R. Wentz

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Undisclosed Financial Conflicts of Interest of Authors of Clinical Drug Trials Published in Influential Medical Journals

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Ultra-Processed Foods and Mortality

Diagnostic and Treatment Delay in Seronegative Rheumatoid Arthritis

Perioperative Cardiac Risk Prediction Indices

Robotic Mitral Valve Repair



Discontinuation of Angiotensin Converting Enzyme Inhibitors and Angiotensin Receptor Blockers in Chronic Kidney Disease

Vaccines for International Travel

Chronic Constipation

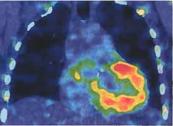
Sequence of Splenectomy and Rituximab for Steroid-Refractory Immune Thrombocytopenia

Bilateral Herpetic Keratitis in Atopic Dermatitis

Glomerular Filtration Rate and Cardiovascular **Outcomes**

Cover Image









The cover image features a cardiovascular theme. The outer left panel displays the stethoscope, the time-honored instrument for listening, this symbolizes individualized care that listens and responds to the patient. Cardiac evaluation may involve a noninvasive office test, the ECG, and, where indicated, noninvasive imaging, in this case, a SPECT CT of the heart (left-of-center) showing increased uptake of technetium pyrophosphate in diagnosing wild-type transthyretin cardiac amyloidosis. The right-of-center panel is from a 3D echocardiogram, left atrium-view of a mechanical mitral bileaflet prosthesis sewing ring and prosthesis leaflets during percutaneous transcatheter closure of a perivalvular leak. A guide wire hovers over the prosthesis, and the imager is guiding the interventional cardiologist to position the tip of the guide wire through one of the perivalvular leak sites. The outer right panel depicts a surgical team involved in cardiac surgery and underscores the importance of teamwork.

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.



Indicates articles focusing on health humanities and ethical decision making as applied to medicine and the health sciences.



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