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- 1003 **Strategies for the Prevention of Coronary Artery Disease Complications: Can We Do Better?**

John A Ambrose and Amir Najafi

Atherosclerosis develops decades before an adverse event; will earlier intervention result in a lower incidence of events? New strategies are required to realize a radical reduction in adverse events. Here new methods of prevention and treatment for coronary artery disease complications are proposed.

- 1010 **Approach to Peripheral Neuropathy for the Primary Care Clinician**

Christopher T. Doughy and Reza Seyedsadjadi

Peripheral neuropathy, commonly encountered in the primary care setting, is associated with significant morbidity. Primary care clinicians must be comfortable using the neurologic examination to recognize and characterize neuropathy. Offering supportive care to limit disability, prevent falls, and ameliorate neuropathic pain is an essential task for clinicians.

- 1017 **Fecal Microbiota Transplantation in Inflammatory Bowel Disease: A Primer for Internists**

Gaurav Syal, Amir Kashani, and David Q. Shih

Fecal microbiota transplantation is being explored as a therapeutic strategy for treating various complex immune-mediated chronic diseases such as inflammatory bowel disease. This treatment has shown encouraging results in the management of these patients, including those who are undergoing immunosuppressive therapy.



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1025 2017 Is Banner Year for Drug Approvals by the Food and Drug Administration

Alex M. Ebied and Rhonda M. Cooper-DeHoff

In 2017, the US Food and Drug Administration approved 46 novel drugs; 29 drugs received newly approved indications. This record-setting year was due in part to new expedited review pathways. Patient awareness of these new approvals could lead to requests to providers to prescribe these drugs.

1034 Distal Esophageal Spasm: A Review

Mohamed Khalaf, Sejal Chowdhary, Puja Sukhwani Elias, and Donald Castell

This review focuses on the pathophysiology, clinical features, diagnosis, and management of an uncommon esophageal motility disorder characterized by disordinated contractions: distal esophageal spasm. Clinicians should be aware that it is almost impossible to rule out spasm. Treatment is difficult; an approach beginning with the least invasive intervention is recommended.

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1067 Risk of Recurrent Venous Thromboembolism: A Danish Nationwide Cohort Study

Ida Ehlers Albertsen, Peter Brønnum Nielsen, Mette Søgaard, Samuel Zachary Goldhaber, Thure Filskov Overvad, Lars Hvilsted Rasmussen, and Torben Bjerregaard Larsen

The risk of recurrence after incident venous thromboembolism is high, especially for patients with cancer-related venous thromboembolism, as well as for patients with unprovoked venous thromboembolism. High recurrence risks in all categories indicate that further research is needed to optimize duration of extended anticoagulation for these patients.

1075 Effectiveness and Safety of Anticoagulants in Adults with Non-Valvular Atrial Fibrillation and Concomitant Coronary/Peripheral Artery Disease

Renato D. Lopes, Jan Steffel, Manuela Di Fusco, Allison Keshishian, Xuemei Luo, Xiaoyan Li, Cristina Masseria, Melissa Hamilton, Keith Friend, Kiran Gupta, Jack Mardekian, Xianying Pan, Onur Baser, and W. Schuyler Jones

Compared with warfarin in matched pairs, all direct oral anticoagulants (apixaban, rivaroxaban, and dabigatran) were associated with lower stroke, myocardial infarction, and all-cause mortality rates in a large Medicare population. Differences were observed in rates of stroke/systemic embolism and major bleeding.

1086 Twenty-Five-Year (1986-2011) Trends in the Incidence and Death Rates of Stroke Complicating Acute Myocardial Infarction

Essa Hariri, Mayra Tisminetzky, Darleen Lessard, Jorge Yarzebski, Joel Gore, and Robert Goldberg

Although incidence rates of acute stroke complicating acute myocardial infarction remained relatively stable during the years under study, in-hospital mortality rates of those experiencing a stroke have not decreased. Identifying risk factors in these patients is crucial for further improving the management of this disease.

1095 Arterial Ischemic Events Are a Major Complication in Cancer Patients with Venous Thromboembolism

Benjamin Brenner, Behnood Bikdeli, Inna Tzoran, Olga Madridano, Raquel López-Reyes, José María Suriñach, Ángeles Blanco-Molina, Antonella Tufano, Juan José López Núñez, Javier Trujillo-Santos, and Manuel Monreal for the RIETE Investigators

Arterial events are a major cause of death in cancer patients with venous thrombosis. Arterial events occur early after venous thrombosis in cancer patients. The risk of arterial events should be considered in this clinical setting.

1104 Importance of Early Insertion of Inferior Vena Cava Filters in Unstable Patients with Acute Pulmonary Embolism

Paul D. Stein, Fadi Matta, Frank R. Lawrence, and Mary J. Hughes

Among unstable patients with pulmonary embolism, inferior vena cava filters reduce the odds of death if inserted on the day of admission, when patients clearly are unstable. Immortal time bias was eliminated as a possible confounding factor in this study, and thus as a cause of the decreased odds of death with IVC filters.

1110 Melatonin and Sleep in Preventing Hospitalized Delirium: A Randomized Clinical Trial

Stuti J. Jaiswal, Thomas J. McCarthy, Nathan E. Wineinger, Dae Y. Kang, Janet Song, Solana Garcia, Christoffel J. van Niekerk, Cathy Y. Lu, Melissa Loeks, and Robert L. Owens

Although earlier studies have suggested that melatonin may prevent delirium in hospitalized older adults, this research shows that melatonin given in a nightly dose did not prevent delirium in non-intensive care unit hospitalized patients. Nor did it improve subjective or objective sleep; sleep fragmentation was severe in hospitalized patients.

1118 Prevalence of Anxiety and Depression Symptoms in Patients with Myocardial Infarction with Non-Obstructive Coronary Arteries

Maria Daniel, Stefan Agewall, Felix Berglund, Kenneth Caidahl, Olov Collste, Christina Ekenbäck, Mats Frick, Loghman Henareh, Tomas Jernberg, Karin Malmqvist, Karin Schenck-Gustafsson, Jonas Spaak, Örjan Sundin, Peder Sörensson,

Shams Y-Hassan, Claes Hofman-Bang, and Per Tornvall

Compared with healthy controls, anxiety and depression are more common in patients with myocardial infarction with non-obstructive coronary arteries. These patients and those with takotsubo syndrome suffer anxiety and depression similarly to those with coronary heart disease.

 **AJM ONLINE**

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Taya Irizarry, Matthew Allen, Brian P. Suffoletto, Julian Einhorn, Lora E. Burke, Thomas W. Kamarck, Bruce L. Rollman, and Matthew F. Muldoon

Blood pressure self-monitoring is vital in patients with uncontrolled hypertension. In this study, use of MyBP, an automated texting intervention to

support blood pressure self-monitoring and patient self-management, was associated with patient-initiated improvements in health behaviors.

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