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The authors identified a decline in the number of in-hospital cardiac implantable electronic device implantations between 2010 and 2014, driven primarily by lower number of defibrillators.
599 3023 Mayo Clinic Patients With Myeloproliferative Neoplasms: Risk-Stratified Comparison of Survival and Outcomes Data Among Disease Subgroups
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Overall survival was only marginally better in essential thrombocythemia compared with polycythemia vera, and polycythemia vera displayed a higher risk of thrombosis and fibrotic progression.

611 Distinct Uric Acid Trajectories Are Associated With Different Risks of Incident Hypertension in Middle-Aged Adults
Hao Ma, Xuan Wang, Xiaoyu Guo, Xiang Li, Lu Qi, and Ying Li
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628 Fluoroscopically Guided vs Landmark-Guided Sacroiliac Joint Injections: A Randomized Controlled Study
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643 Association of Muscular Strength and Incidence of Type 2 Diabetes
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Concise Review for Clinicians—CME Credit Offered

Upper Gastrointestinal Bleeding: Etiologies and Management
Amrit K. Kamboj, Patrick Hoversten, and Cadman L. Leggett

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64-Year-Old Man With Subacute Altered Mental Status and Headache
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65-Year-Old Woman With Abdominal Pain and Jaundice
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Wernicke Encephalopathy

Automated Continuous Acute Kidney Injury Prediction and Surveillance

Continued
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.