

# MAYO CLINIC PROCEDINGS

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Careful use and monitoring of vancomycin therapy, particularly in overweight/obese patients or those with chronic kidney disease, may substantially reduce in-hospital morbidity.

27 Large Chromosomal Rearrangements Yield Biomarkers to Distinguish Low-Risk From Intermediate- and High-Risk Prostate Cancer

George Vasmatzis, Farhad Kosari, Stephen J. Murphy, Simone Terra, Irina V. Kovtun, Faye R. Harris, Shabnam Zarei, James B. Smadbeck, Sarah H. Johnson, Athanasios G. Gaitatzes, Terry M. Themeau, Laureano J. Rangel, Ryan A. Knudson, Patricia Greipp, William R. Sukov, Darlene L. Knutson, Sara M. Kloft-Nelson, R. Jeffrey Karnes, and John C. Cheville 😱 🕕

Assays based on these probes hold promise for the risk evaluation of men with GS6 in the prostate needle biopsy specimen.







Number









Low Rate of Intrahospital Deep Venous Thrombosis in Acutely Ill Medical Patients: Results From the AURELIO Study Lorenzo Loffredo, Vincenzo Arienti, Gianpaolo Vidili, Chiara Cogliati, Simona Battaglia, Ludovica Perri, Rosella Di Giuli Sciaila Bernardini, Maria Luna Summa, Angela Sciacqua, Francesco Perticone, Maria Boddi, Giovanni Di Minno, Corrado Lodigiani, Antonello Pietrangelo, Alessio Farcomeni, and Francesco Violi; AURELIO Study Group 🌎 This study found that in acutely ill medical patients almost all proximal deep venous thromboses were already detectable at admission, whereas deep venous thrombosis incidence during hospitalization was negligible.

Socioeconomic Status, Race/Ethnicity, and Health Disparities in Children and Adolescents in : 44 Mixed Rural-Urban Community-Olmsted County, Minnesota Kara A. Bjur, Chung-II Wi, Euijung Ryu, Chris Derauf, Sheri S. Crow, Katherine S. King, and Young J. Juhn Major health disparities are present in both clinically more and less overt health outcomes across socioeconomic stat and race/ethnicity in children living in a mixed rural-urban community.

Electroacupuncture Versus Pelvic Floor Muscle Training Plus Solifenacin for Women With Mixe 54 Urinary Incontinence: A Randomized Noninferiority Trial Baoyan Liu, Yan Liu, Zongshi Qin, Kehua Zhou, Huangfang Xu, Liyun He, Ning Li, Tongsheng Su, Jianhua St Zenghui Yue, Zhiwei Zang, Wei Zhang, Jiping Zhao, Zhongyu Zhou, Lian Liu, Dongning Wu, Jiani Wu, Jing Zho Ran Pang, Yang Wang, Jia Liu, Jinna Yu, and Zhishun Liu 🚯 In women with moderate to severe mixed urinary incontinence, electroacupuncture shows promise as an effective treatment alternative.

Septal Myectomy in Hypertrophic Cardiomyopathy: National Outcomes of Concomitant Mitra 66 Surgery Kimberly A. Holst, Kristine T. Hanson, Steve R. Ommen, Rick A. Nishimura, Elizabeth B. Habermann,

and Hartzell V. Schaff @ \_\_\_\_

The addition of mitral valve replacement and other concomitant cardiac procedures was associated with increase rates of hospital mortality and length of stay compared with patients undergoing isolated septal myectomy.

Postmarketing Safety-Related Modifications of Drugs Approved by the US Food and Drug 74 Administration Between 1999 and 2014 Without Randomized Controlled Trials Daniel Shepshelovich, Ariadna Tibau, Hadar Goldvaser, Alberto Ocana, Bostjan Seruga, and Eitan Amir 🕣 FDA approval of drugs without supporting randomized controlled trials can expedite patient access to effective n treatments, but health care professionals prescribing these drugs should be vigilant for unrecognized adverse effect

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Cost Efficacy of \alpha-Galactosidase A Enzyme Screening for Fabry Disease 84 Darrell B. Newman, William R. Miranda, Dietrich Matern, Dawn S. Peck, Jeffrey B. Geske, Joseph J. Maleszew Steve R. Ommen, and Michael J. Ackerman

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### Coming Soon...

Excessive Generic Drug Prices in the American Health Care System

Predictors of Symptomatic Kidney Stone Recurrence

Cardiovascular Disease in Type 2 Diabetes

Pulmonary Manifestations in Connective Tissue Diseases

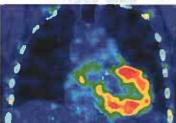
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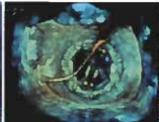
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EXIT Procedure for a Fetus With Hypoplastic Left **Heart Syndrome** 

### Cover Image







**Problem** 



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 atnum-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.

