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Gene-based, rational drug-dosing: An evolving, complex opportunity

Pharmacogenomics promises the opportunity to match the right drug and dose to the right patient. We are not there yet, but the day is coming.

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MEDICAL GRAND ROUNDS.....

Ending LGBT invisibility in health care: The first step in ensuring equitable care

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Nausea, vomiting, and panic attacks in a 50-year-old woman

Six months ago she started to have panic attacks that roused her from sleep. Lately, they have become more frequent and more severe. What is the cause?

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EDITORIAL

Pharmacogenomics for the primary care provider: Why should we care?

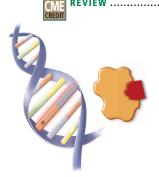
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Personalized medicine promises to improve the quality and lower the cost of care if physicians integrate into practice useful new findings, such as information gleaned from pharmacogenomic testing.

K. TENG

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Pharmacogenomic testing: Relevance in medical practice Why drugs work in some patients but not in others

Knowing their patients' genetic status, physicians could predict their response to certain drugs, such as clopidogrel (Plavix), warfarin (Coumadin), tamoxifen (Nolvadex), codeine, and psychotropic medications.

J.P. KITZMILLER, D.K. GROEN, M.A. PHELPS, AND W. SADEE



REVIEW

Managing newly diagnosed atrial fibrillation: 258 Rate, rhythm, and risk

Treatment focuses on controlling the heart rate, preventing thromboembolic events, and, depending on symptoms, restoring and maintaining sinus rhythm.

T. CALLAHAN AND B. BARANOWSKI



REVIEW

Giant cell arteritis: Suspect it, treat it promptly

Giant cell arteritis is the most common form of vasculitis affecting older people. Physicians should be familiar with its variety of clinical presentations.

A. VILLA-FORTE

DEPARTMENTS

CME Calendar

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Correction: Airway pressure release ventilation

Errors in the citation of sources for figures in Modrykamien A, Chatburn RL, Ashton RW. Airway pressure release ventilation: An alternative mode of mechanical ventilation in acute respiratory distress syndrome. Cleve Clin J Med 2011; 78:101–110.

Directions for taking CME tests online 271

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Release date: April 1, 2011 Expiration date: March 31, 2012

UPCOMING FEATURES

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- Insulin for type 2 diabetes:
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- Statin myopathy in the real world vs in clinical trials
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