

Additional articles abstracted in ACP Journal Club

The following articles are abstracted in the July/August 2005 issue of *ACP Journal Club*. The declarative title of each abstract as published in *ACP Journal Club* precedes the article citation.

THERAPEUTICS

► Review: Population-based screening for abdominal aortic aneurysm reduces cause-specific mortality in older men

Fleming C, Whitlock EP, Beil TL, et al. Screening for abdominal aortic aneurysm: a best-evidence systematic review for the U.S. Preventive Services Task Force. *Ann Intern Med* 2005;**142**:203–11.

► Review: Somatostatin and its analogues do not reduce mortality in acute bleeding esophageal varices

Göttsche PC, Hróbjartsson A. Somatostatin analogues for acute bleeding oesophageal varices. *Cochrane Database Syst Rev* 2005;(1):CD000193.

► Review: Noninvasive positive pressure ventilation reduces intubation and length of ICU stay in acute respiratory failure

Keenan SP, Sinuff T, Cook DJ, et al. Does noninvasive positive pressure ventilation improve outcome in acute hypoxemic respiratory failure? A systematic review. *Crit Care Med* 2004;**32**:2516–23.

► Review: High-dose vitamin E supplementation is associated with increased all-cause mortality

Miller ER III, Pastor-Barriuso R, Dalal D, et al. Meta-analysis: high-dosage vitamin E supplementation may increase all-cause mortality. *Ann Intern Med* 2005;**142**:37–46.

► Review: Adding long-acting β_2 -agonists to inhaled corticosteroids reduces asthma exacerbations more than adding anti-leukotrienes

Ram FS, Cates CJ, Ducharme FM. Long-acting beta2-agonists versus anti-leukotrienes as add-on therapy to inhaled corticosteroids for chronic asthma. *Cochrane Database Syst Rev* 2005;(1):CD003137.

► Review: Atypical antipsychotic drugs modestly improve neuropsychiatric symptoms of dementia

Sink KM, Holden KF, Yaffe K. Pharmacological treatment of neuropsychiatric symptoms of dementia: a review of the evidence. *JAMA* 2005;**293**:596–608.

► Review: Little evidence supports the efficacy of major commercial and organized self-help weight loss programs

Tsai AG, Wadden TA. Systematic review: an evaluation of major commercial weight loss programs in the United States. *Ann Intern Med* 2005;**142**:56–66.

► Review: Bisphosphonates are modestly better than placebo for relieving painful bone metastases

Wong R, Shukla VK, Mensinkai S, et al. *Bisphosphonate agents for the management of pain secondary to bone metastases: a systematic review of effectiveness and safety.* Technology Report no. 45. Ottawa: Canadian Coordinating Office for Health Technology Assessment (CCOHTA), Jan 2004. www.ccohta.ca.

► Reviparin reduced a composite endpoint of death, reinfarction, stroke, and ischemia at 7 and 30 days after acute MI

Yusuf S, Mehta SR, Xie C, et al. Effects of reviparin, a low-molecular-weight heparin, on mortality, reinfarction, and strokes in patients with acute myocardial infarction presenting with ST-segment elevation. *JAMA* 2005;**293**:427–36.

► A glucose-insulin-potassium infusion did not reduce mortality, cardiac arrest, or cardiogenic shock after acute MI

Mehta SR, Yusuf S, Diaz R, et al. Effect of glucose-insulin-potassium infusion on mortality in patients with acute ST-segment elevation myocardial infarction: the CREATE-ECLA randomized controlled trial. *JAMA* 2005;**293**:437–46.

► Nasogastric and nasojejunal feeding did not differ for acute phase response or pain in severe acute pancreatitis

Eatock FC, Chong P, Menezes N, et al. A randomized study of early nasogastric versus nasojejunal feeding in severe acute pancreatitis. *Am J Gastroenterol* 2005;**100**:432–9.

► Pegaptanib was effective and safe without a dose-response relation in neovascular age-related macular degeneration

Gragoudas ES, Adamis AP, Cunningham ET Jr, et al. Pegaptanib for neovascular age-related macular degeneration. *N Engl J Med* 2004;**351**:2805–16.

► Patient self-management of anticoagulants reduced arterial thromboembolism and adverse effects

Ménendez-Jándula B, Souto JC, Oliver A, et al. Comparing self-management of oral anticoagulant therapy with clinic management: a randomized trial. *Ann Intern Med* 2005;**142**:1–10.

► Physician accuracy to predict successful treatment response in suspected obstructive sleep apnea did not differ between home monitoring and polysomnography

Whitelaw WA, Brant RF, Flemons WW. Clinical usefulness of home oximetry compared with polysomnography for assessment of sleep apnea. *Am J Respir Crit Care Med* 2005;**171**:188–93.

AETIOLOGY

► Inhaled corticosteroids did not increase nonvertebral fractures in adults with asthma or chronic obstructive pulmonary disease

Johannes CB, Schneider GA, Dube TJ, et al. The risk of nonvertebral fracture related to inhaled corticosteroid exposure among adults with chronic respiratory disease. *Chest* 2005;**127**:89–97.

► Risk for injury in the elderly may vary by benzodiazepine, independent of half-life

Tamblyn R, Abrahamowicz M, Berger R, et al. A 5-year prospective assessment of the risk associated with individual BDZs and doses in new elderly users. *J Am Geriatr Soc* 2005;**53**:233–41.

CLINICAL PREDICTION GUIDE

► A risk stratification tool predicted in-hospital mortality in acute decompensated heart failure

Fonarow GC, Adams KF Jr, Abraham WT, et al. Risk stratification for in-hospital mortality in acutely decompensated heart failure: classification and regression tree analysis. *JAMA* 2005;**293**:572–80.