

Evidence-Based Medicine



Contents

Perspective

- 135** Patient health literacy and the practice of evidence-based medicine



Methods

- 137** Systematic reviews to evaluate causation: an overview of methods and application



Therapeutics

- 142** Meta-analysis: vertebroplasty for vertebral compression fracture ineffective in improving pain and function
- 143** Telaprevir triple combination therapy, and dual peginterferon α -2a/ribavirin therapy for 24 weeks for those with rapid-early response is not inferior to 48 weeks of therapy for treatment-naïve patients with genotype 1 hepatitis C virus infection
- 144** The use of 50% nitrous oxide improves successful intravenous access in obese and growth-limited children in an outpatient setting
- 146** Physical education combined with pedometer use is associated with better glucose tolerance among overweight/obese with impaired glucose tolerance; no benefit for education alone
- 147** Overweight and obese individuals following either commercial or primary care-led weight loss programmes achieve significant weight loss at the end of the 12-week programme, but only the commercial programmes studied had sustained effect to 1 year
- 148** For people with non-valvular atrial fibrillation rivaroxaban is non-inferior to warfarin for preventing stroke or embolism, with no difference in the risk of clinically relevant bleeding
- 149** Lung cancer screening with chest radiography has no effect on lung cancer incidence or mortality
- 151** Vitamin E and selenium do not decrease prostate cancer incidence: vitamin E may actually increase it
- 152** In people with hand osteoarthritis, chondroitin sulphate therapy for 6 months improves pain and function compared with placebo

October 2012 Vol 17 No 5

- 153** Preterm infants receiving heel lance procedures have slightly lower pain scores and quicker time to return to baseline heart rate when held in kangaroo care by the mother than by the father
- 154** Thromboprophylaxis in medical inpatients reduces pulmonary embolism, increases the risk of major haemorrhage and does not reduce total mortality, producing questionable net clinical benefit
- 156** Cryotherapy for plantar warts more costly but no more effective than salicylic acid self-treatment
- 157** Lifestyle modifications and pharmacotherapy for cardiovascular risk factors are associated with improvements in erectile dysfunction

Diagnosis

- 159** Number needed to screen to detect adenomas, advanced adenomas and colorectal cancer is higher in women than in similarly aged men

Prognosis

- 161** Patients on three times-weekly haemodialysis have increased mortality during the long, 2-day interdialytic interval
- 162** Of people admitted within 2 h of mild/improving stroke, 31% do not receive rTPA, although many of these people have poor outcomes

Aetiology

- 165** Failure to detect a link between mobile phone use and brain tumours in a large Danish cohort study: but findings may be due to bias
- 166** Gender-based violence, perinatal mental health in women and child development
- 167** Asthma is associated with various perinatal risks, but not with preterm birth when it is actively managed during pregnancy

About EBM

- e5** Purpose and procedure



This article has been chosen by the Editor to be of special interest or importance and is freely available online.

C O P E COMMITTEE ON PUBLICATION ETHICS

This journal is a member of and subscribes to the principles of the Committee on Publication Ethics

www.publicationethics.org.uk

equator network



When you have finished with this please recycle it