THIS WEEK

EDITORIALS

1159 Safe thresholds for hybrid capture 2 test in primary cervical screening

Higher cut offs could be used in some circumstances, but equivocal values should not be ignored, say Peter Sasieni and Alejandra Castanon

» Research, p 1191

1160 Effectiveness of insoles in treating medial osteoarthritis of the knee Traditional lateral wedged insoles are unlikely

to benefit people with mild to moderate disease, says Sita M A Bierma-Zeinstra » Research, p 1192

1161 Can a dietary supplement prevent pre-eclampsia? L-arginine with vitamins show promise,

> but there are good grounds for caution, say Liam Smeeth and David Williams » Research, p 1193

- 1162 Patient participation groups NHS reforms offer new and wide ranging opportunities, say Shobhana Nagraj and Stephen Gillam
- 1163 Direct to consumer genetic testing Regulations cannot guarantee responsible use; an international industry certificate is needed, says Christine Hauskeller

LETTERS

- 1165 Law on assisted dying
- 1166 NHS reforms; Medical abortion
- 1167 Paracetamol poisoning; Atrial fibrillation guidelines; Cost of preventive drugs
- 1168 Private alcohol detox clinics; Bipolar II disorder

NEWS

- 1169 BMA and King's Fund call for overhaul of reforms People with HIV in China are denied treatment
- 1170 Health bill should include duty to promote medical research NHS paid private sector £217m for operations that never took place
- 1171 Government plans for public health "confused" Steep rise in lung cancer surgery since 2004
- 1172 Outbreak of measles in France Australian college criticised for carbon comments Israeli health organisations must publish data
- 1173 Commission considers how to protect human rights after Guatemala studies
- 1174 Paraplegic man stands after cord stimulation Doctor attacks Russia's health system
- 1175 Royal College of Surgeons in Ireland refuses to speak out against atrocities in Bahrain WHO condemns attacks on health personnel

SHORT CUTS

1176 What's new in the other general journals

FEATURES

1178 What's happening to NHS spending across the UK?

England has traditionally lost out in the per capita health spend across all UK countries, but John Appleby finds it is faring better in the current economic climate

1180 A winning night

The BMJ Group Awards ceremony on 18 May celebrated the best of healthcare and research, reports Nigel Hawkes

OBSERVATIONS

REALITY CHECK

1183 It's time to rebuild the evidence base **Ray Moynihan**

ANALYSIS

1184 Opening up data at the European Medicines Agency

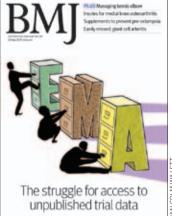
> Widespread selective reporting of research results means we don't know the true benefits and harms of prescribed drugs. Peter Gøtzsche and Anders lørgensen describe their efforts to get access to unpublished trial reports from the **European Medicines Agency**

1187 EMA must improve the quality of its clinical trial reports

Corrado Barbui, Cinzia Baschirotto, and Andrea Cipriani find that the results of phase III studies are poorly and inconsistently documented in the EMA's drug assessment reports. Better reporting would make them more useful for doctors, researchers, and consumers

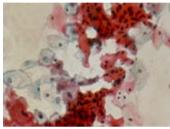
RESEARCH

- 1190 Research highlights: the pick of BMJ research papers this week
- 1191 Human papillomavirus testing in primary cervical screening and the cut-off level for hybrid capture 2 tests: systematic review Matejka Rebolj, Jesper Bonde, Sisse Helle Njor, Elsebeth Lynge >>>> Editorial, p 1159
- 1192 Lateral wedge insoles for medial knee osteoarthritis: 12 month randomised controlled trial Kim L Bennell, Kelly-Ann Bowles, Craig Payne, Flavia Cicuttini, Elizabeth Williamson, Andrew Forbes, Fahad Hanna, Miranda Davies-Tuck, Anthony Harris, Rana S Hinman » Editorial, p 1160
- 1193 Effect of supplementation during pregnancy with L-arginine and antioxidant vitamins in medical food on pre-eclampsia in high risk population: randomised controlled trial Felipe Vadillo-Ortega, Otilia Perichart-Perera, Salvador Espino, Marco Antonio Avila-Vergara, Isabel Ibarra, Roberto Ahued, Myrna Godines, Samuel Parry, George Macones, Jerome F Strauss » Editorial, p 1161





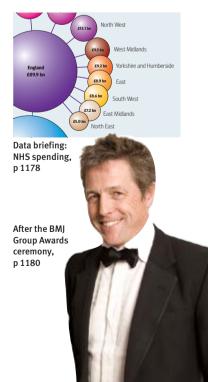
Analysis, pp 1184, 1187



Cervical screening, pp 1159, 1191



NHS should promote research, p 1170



THIS WEEK

1194 Dietary calcium intake and risk of fracture and osteoporosis: prospective longitudinal cohort study

Eva Warensjö, Liisa Byberg, Håkan Melhus, Rolf Gedeborg, Hans Mallmin, Alicja Wolk, Karl Michaëlsson

RESEARCH METHODS & REPORTING

1195 Economic evaluation using decision analytical modelling: design, conduct, analysis, and reporting Stavros Petrou, Alastair Gray

CLINICAL REVIEW

1199 The management of tennis elbow John Orchard, Alex Kountouris

PRACTICE

GUIDELINES

1203 Identification and care pathways for common mental health disorders: summary of NICE guidance Stephen Pilling, Craig Whittington, Clare

Taylor, Tony Kendrick, on behalf of the Guideline Development Group

EASILY MISSED

1206 Giant cell arteritis Nada Hassan, Bhaskar Dasgupta, Kevin Barraclough

A PATIENT'S JOURNEY

1208 Bilateral developmental dysplasia of the hips Sophie West, Johan Witt

OBITUARIES

1210 David Sencer

Guided and built the US public health agency

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1211 We need to rethink front line care for back pain Jan Hartvigsen, Nadine E Foster, Peter R Croft

REVIEW OF THE WEEK

1212 Dirt: The Filthy Reality of Everyday Life Sophie Cook

BETWEEN THE LINES

1213 Vicious circles Theodore Dalrymple

MEDICAL CLASSICS

1213 The Personal Diary of Major Edward "Mick" Mannock Robert Heys

COLUMNISTS

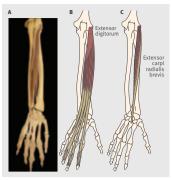
1214 Medical stereotypes Des Spence Four burials and a funeral Mary E Black

ENDGAMES

1215 Quiz page for doctors in training

MINERVA

1216 The financial burden of atrial fibrillation, and other stories



How to manage tennis elbow, p 1199



A deeper look at dirt, p 1212

Missing evidence for your appraisal folder?

BMJ Masterclasses

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BMJ

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PICTURE OF THE WEEK

Sesame Square, based on the famous US children's television programme Sesame Street, has started being broadcast in Nigeria. The show features an HIV positive muppet called Kami (left), and programme makers hope she will help tackle the stigma associated with AIDS. Yemisi Ilo, executive producer, said, "Our reality here in Nigeria is that there are hundreds of thousands of AIDS orphans. We want all children, including those with HIV, to be able to relate with the characters." The programme is supported by USAID.

THE WEEK IN NUMBERS

13% Proportion of pregnant women receiving L-arginine plus antioxidant vitamins who developed pre-eclampsia; 30% in the placebo group developed pre-eclampsia (Research, p 1193)

6-12 months Time in which tennis elbow usually resolves by itself (Clinical Review, p 1199)

80% Approximate proportion of people with mental health problems who are treated in UK primary care (Practice, p 1203)

2.2 per 10000

Number of patient years in which giant cell arteritis occurs in the United Kingdom (Practice, p 1206)

QUOTE OF THE WEEK

"The pharmaceutical giants and the doctors on their payrolls are poisoning too much of the medical science"

Ray Moynihan on how conflicts of interest damage the evidence base (Observations, p 1183)

QUESTION OF THE WEEK

Last week we asked, "Do you feel confident in discussing dying and death with patients?"

66% voted yes (total 247 votes cast)

This week's poll asks, "Has child protection become a form of madness?

bmj.com

• Read the Head to head (*BMJ* 2011;342:d3040) and cast your vote

EDITOR'S CHOICE

Not always obvious

All the finalists for the lifetime achievement award had reached the shortlist because of dealing with big picture stuff

C Twitter Follow the editor. Fiona Godlee, at twitter.com/ fgodlee and the BM/'s latest at twitter.com/bmj_latest

The BMJ Group held its 3rd annual award ceremony last week. As Nigel Hawkes describes (p 1180), it was a splendid affair, celebrating work that was variously innovative, caring, intelligent, and brave. A colleague commented afterwards that it was too easy to get cynical about healthcare and the many agendas that people pursue within it: the awards evening, he thought, was a complete contrast—a genuine celebration of good work. I thought so too.

Richard Peto, Oxford epidemiologist, got the lifetime achievement award for, as he said in accepting it, studying the "bleeding obvious"the big things: smoking, alcohol, hypertension, cholesterol (hear him talk more about this on last week's podcast, http://podcasts.bmj.com/bmj). In a way all the finalists for the lifetime achievement award had reached the shortlist because of dealing with big picture stuff (though not always with obvious answers): George Alleyne for his work with HIV and non-communicable diseases in the developing world, and Jack Wennberg for forcing the healthcare community to understand the extent to which supply determines demand (BMJ 2011;342:d1062).

Yet most of the time our authors are struggling with the less than obvious—as the research pages this week illustrate. A study by Matejka Rebolj and colleagues from Denmark sought to find out if it was possible to improve the specificity of the hybrid capture 2 test for human papillomavirus DNA, used in cervical screening, without reducing its sensitivity (p 1191). They concluded that raising the cut-off level of the test would substantially improve the test's specificity while maintaining its sensitivity at over 90%. But editorialists Peter Saseni and Alejandra Castanon warn that ignoring results between the

old and the new cut-off values is questionable: they suggest that less intensive management (such as more frequent screening) may be more appropriate than simply concluding that this is a true negative result (p 1159).

And even epidemiologists dealing with common conditions can come unstuck because things aren't obvious. Our obituary this week, of David Sencer, a former head of the Centers for Disease Control in Atlanta, describes how he and his colleagues dealt with an outbreak of a swine flu virus in 1976 at Fort Dix army base in New Jersey (p 1210). The virus resembled the strain that had caused the 1918-19 flu pandemic. Faced with the options of doing nothing; developing a vaccine and stockpiling it so it could be distributed swiftly if necessary; or developing a vaccine and immunising people as fast as they could, Dr Sencer and his colleagues opted for the last approach. No epidemic occurred, but some of those receiving the vaccine developed Guillain-Barré syndrome and over 20 died— all in the middle of a presidential election campaign. At the same time an outbreak of a mystery infection occurred among army veterans and 29 people died; the press complained that it was taking too long to find a cause. CDC staff traced the source to an American Legion convention in Philadelphia and to a new bacterium-Legionella, and the new president did the obvious thing for a politician—he sacked Dr Sencer.

Jane Smith, deputy editor, BMJ jsmith@bmj.com

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Career Focus, jobs, and courses appear after p 1214

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A note on how to cite each article appears at the end of each article, and this is the form the reference will take in PubMed and other indexes.

BMJ.COM: MOST READ

Effect of β blockers in treatment of chronic obstructive pulmonary disease

Effect of supplementation during pregnancy with L-arginine and antioxidant vitamins in medical food on pre-eclampsia in high risk population

Out of joint: the story of the ASR

Who should define disease?

Proton pump inhibitor use and

risk of adverse cardiovascular events in aspirin treated patients with first time myocardial infarction

