



End childhood diarrhoea, says WHO, p 620



Court awards \$6.7m over drug label, p 617



What if people stopped dying? p 662



A starting point for psychoanalysis, p 663

EDITORIALS

609 Passive smoking and cognitive impairment
Are likely to be linked, but confirmation is needed from further research, says Mark D Eisner
» *Research, p 632*

610 Risk of stroke and lifestyle
Smoking, exercise, alcohol, and diet are predictive factors, says Matthew F Giles
» *Research, p 639*

611 Adjunctive non-invasive ways of healing bone fractures
Moderate to poor quality evidence shows no benefit on clinically important outcomes, says Rudolf W Poolman
» *Research, p 644*

612 Systemic management of diabetic retinopathy
New evidence from trials has implications for clinical practice, say Gerald Liew, Paul Mitchell and Tien Y Wong

614 The National Dementia strategy in England
A "smorgasbord" of evidence, economics, and obligation, say Alistair Burns and Philippe Robert

LETTERS

615 Breast screening; Polycystic ovary syndrome
616 Heart failure; NHS targets—good or bad?

NEWS

617 Five academic health science centres announced for England
The US Supreme Court rules on liability for drug labelling
618 Prominent celecoxib researcher admits fabricating data in 21 articles
Obama reverses US federal ban on funding stem cell research
Government removes data sharing clause from coroners' bill
619 Expulsion of relief agencies will devastate Darfur health care
620 Target to reduce child mortality is under threat from lack of progress on diarrhoea
Aid agencies condemn drug seizure by Dutch government
621 Inept laboratory work botched cancer results, inquiry finds
Spain plans to provide abortion on demand in new legislation
622 Palestinian health crisis will end only with withdrawal of Israeli occupation, concludes study
Dreadful visitations
623 Moving on from bench to bedside to population

SHORT CUTS

624 What's new in the other general journals

OBSERVATIONS

ON THE CONTRARY

625 Cry freedom Tony Delamothe

FEATURES

626 Industry attack on academics
An apparently uncontroversial study of potential industry influence on sponsored drug trials resulted in the authors facing accusations of misconduct. Jonathan Gornall reports

ANALYSIS

629 Chronic illness: beyond the expert patient
Coping with a long term illness requires much more than medical management. Trisha Greenhalgh looks at different models of patient involvement and argues that we need a wider approach

RESEARCH, CLINICAL REVIEW, AND PRACTICE

See next page

OBITUARIES

659 Tony Smith; John Albert Campbell Ball; Samuel James Barr; John Bishop Borthwick; Howard Brewster; George William Arthur Hesse; Joan Frieda Trevelyan; Jeffery Miles Walker

VIEW AND REVIEWS

PERSONAL VIEW
661 Lack of political will is a clinical issue Tarek Meguid

REVIEW OF THE WEEK
662 Death at Intervals Richard Smith

BETWEEN THE LINES
663 Too much information Theodore Dalrymple

MEDICAL CLASSICS
Studies on Hysteria Viv Lucas

COLUMNISTS
664 Letter from America Des Spence
A sax and a rose James Owen Drife

ENDGAMES

665 Picture quiz 1; Picture Quiz 2; On Examination Quiz

MINERVA

666 "Louis Vuitton" coffins, and other stories

FILLERS

642 Corrections and clarifications
650 A fine thread

Obama lifts ban on research with embryonic stem cells, p 618



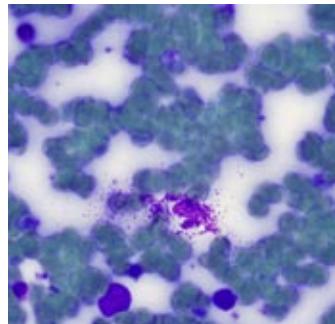
Passive smoking and cognitive impairment, pp 609, 632



Lifestyle and stroke risk, pp 610, 639



Thyroid eye disease, p 645



Interactive case report, p 654

RESEARCH

632 Exposure to secondhand smoke and cognitive impairment in non-smokers: national cross sectional study with cotinine measurement

Exposure to secondhand smoke is associated with an increase in the odds of cognitive impairment in almost 5000 non-smoking adults over 50

David J Llewellyn, Iain A Lang, Kenneth M Langa, Felix Naughton, Fiona E Matthews

» *Editorial p 609*

635 Combined effects of overweight and smoking in late adolescence on subsequent mortality: nationwide cohort study

Being overweight or obese in late adolescence carries an excess risk of death comparable to the risk associated with smoking in a cohort of almost 46 000 Swedish conscripts

Martin Neovius, Johan Sundström, Finn Rasmussen

639 Combined effect of health behaviours and risk of first ever stroke in 20 040 men and women over 11 years' follow-up in Norfolk cohort of European Prospective Investigation of Cancer (EPIC Norfolk): prospective population study

A healthy lifestyle combining a diet rich in fruit and vegetables, drinking in moderation, avoiding tobacco, and taking exercise is associated with a substantially reduced risk of stroke in a cohort of more than 20 000 men and women from the UK

Phyo K Myint, Robert N Luben, Nicholas J Wareham, Sheila A Bingham, Kay-Tee Khaw

» *Editorial p 610*

643 Effect of tobacco smoking on survival of men and women by social position: a 28 year cohort study

pico

Both male and female smokers in all social positions had poorer survival than those who had never smoked in even the lowest social positions

Laurence Gruer, Carole L Hart, David S Gordon, Graham C M Watt

644 Low intensity pulsed ultrasonography for fractures: systematic review of randomised controlled trials

pico

The evidence for this treatment in healing fractures is of moderate to very low quality and is inconclusive

Jason W Busse, Jagdeep Kaur, Brent Mollon, Mohit Bhandari, Paul Tornetta, Holger J Schünemann, Gordon H Guyatt

» *Editorial p 611*

CLINICAL REVIEW

645 Thyroid eye disease

Petros Perros, Christopher Neoh, Jane Dickinson

PRACTICE

651 Guidelines: Diagnosis and treatment of advanced breast cancer: summary of NICE guidance

This is one of a series of *BMJ* summaries of new guidelines, which are based on the best available evidence

N Murray, J Winstanley, A Bennett, K Francis, on behalf of the Guideline Development Group

653 Drug points: High doses of deferiprone may be associated with cerebellar syndrome

F Beau-Salinas, M A Guitteny, J Donadieu, A P Jonville-Bera, E Autret-Leca

654 Interactive case report: A 38 year old woman with hypotensive shock at the onset of menstruation: case outcome

The final part of a three part case report that describes the outcome and summarises the comments made by readers during the presentation of a real patient's story

Sergio Serrano Villar, Juncal Perez-Somarriba, Talia Sainz Costa, Sarah Winstanley, Tomas Santillana Lopez, Luis Escribano Mora, Baltasar Orejas Gonzalez

655 Commentary

The value of complexity

Ed Peile

656 Commentary

Managing clinician's assessment

Sergio Serrano Villar

657 Commentary

Think anaphylaxis

Paul L A van Daele

657 Commentary

Condition is often overlooked

Gerhard J Molderings

658 Commentary

Patient's view

Mrs Barroso, with the support of Sergio Serrano Villar

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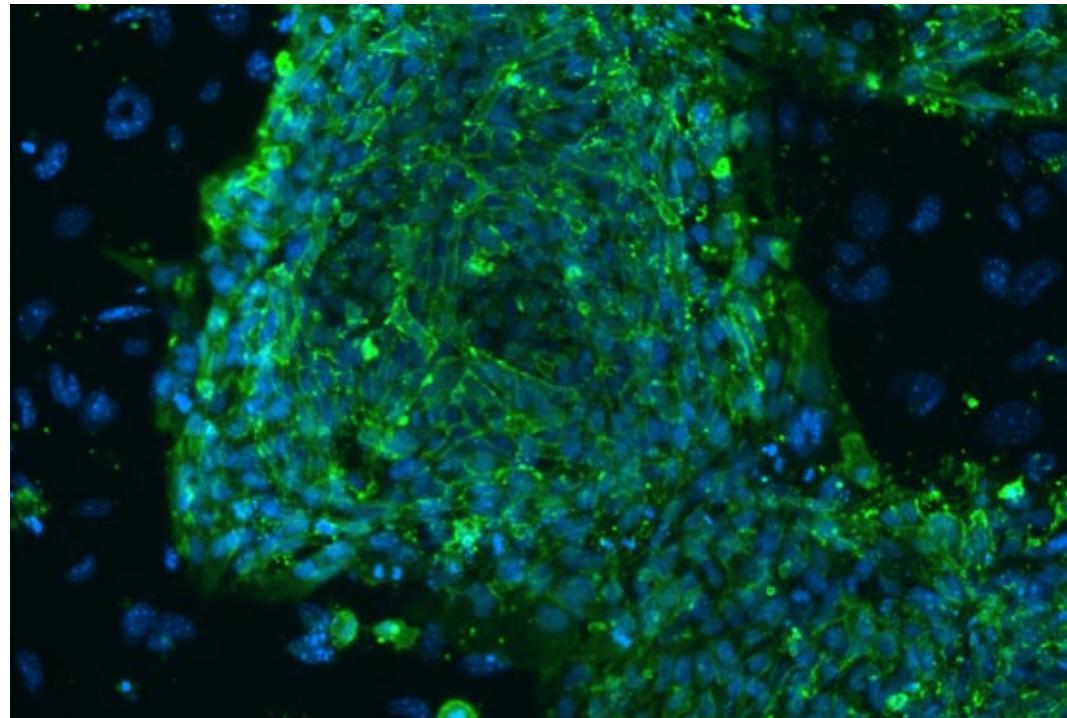
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Published weekly. US periodicals class postage paid at Rahway, NJ. Postmaster: send address changes to BMJ, c/o Mercury Airfreight International Ltd Inc, 365 Blair Road, Avenel, NJ 07001, USA. \$796. Weekly
Printed by Precision Colour Printing Limited



MICHAEL LONGAKER/STANFORD MEDICAL SCHOOL/CALIFORNIA INSTITUTE OF REGENERATIVE MEDICINE

PICTURE OF THE WEEK

Human embryonic stem cells (green nuclei) surrounded by supportive feeder cells (blue nuclei), visualised by fluorescence microscopy. The US president, Barack Obama, has overturned a 2001 ban on federal funding of stem cell research that was put in place by George Bush. He said that the previous government had forced "a false choice between sound science and moral values." See **NEWS**, p 618

THE WEEK IN NUMBERS

37% Mean reduction in radiographical healing time with low intensity pulsed ultrasonography in non-operatively managed fresh fractures, according to three low quality trials (**Research**, p 644)

70 Annual UK deaths from breast cancer in men; 12 300 a year in women (**Practice**, p 651)

700 000 People affected by dementia in the UK (**Editorial**, p 614)

1 in 13 Global chance of dying in childbirth for poor women; it is 1 in 4100 for rich women (**Personal View**, p 661)

21 Articles by Scott S Reuben for which he has admitted fabricating data on the pain drug celecoxib (**News**, p 618)

THE WEEK IN QUOTES

"Obesity and overweight were as hazardous as smoking" (**Research**, p 635)

"Health professionals are not always aware of the remarkable difference that treatment [of thyroid eye disease] can make" (**Clinical Review**, p 645)

"The profound transformation in the relation between the individual and the state has never been debated in the Commons" (**On the Contrary**, p 625)

"In times of economic uncertainty it is even more important to support knowledge industries" (**News**, p 617)

"We need to support clinicians to engage with the unique challenges that every patient faces in getting on with life despite chronic illness" (**Analysis**, p 629)

WHAT'S NEW ON BMJ.COM

LATEST RESEARCH

Migraine attacks during pregnancy might be viewed as a potential marker of vascular diseases, especially stroke, according to a large, population based sample of pregnant women admitted to hospital.



Increased physical activity in middle age is eventually followed by a reduction in mortality to the same level as seen among men with constantly high physical activity, according to a cohort study with follow-up over 35 years. The reduction is comparable with that associated with stopping smoking.

A prospective cohort study finds that most drugs used to prevent preterm birth are associated with a high incidence of serious adverse drug reactions. Indometacin and atosiban were the only drugs that weren't.

Access these and other research papers at <http://www.bmj.com/channels/research.dtl>

LATEST BLOGS



Peter Lapsley's heart sinks every time a large organisation raises funds for one of the major charities. In these credit crunched times, don't forget the vital work done by smaller charities, otherwise they risk closure, he warns.

Julian Sheather accuses his fellow men of failing to grasp the fathomless emotional complexity of women and the full significance of chocolate. And Richard Smith wonders who is medicine's equivalent of E O Smith, the Pulitzer prize winning Harvard biologist most biologists would like to read? Who would be yours?

To comment on these and other blogs, go to <http://blogs.bmj.com/bmj/>

LATEST PODCASTS

Dispelling Shipman's legacy

It has been 10 years since the whistle was blown on Harold Shipman. In last week's podcast Zosia Kmietowicz finds out how Britain's most prolific serial killer precipitated a change in patient records in his old practice.



Tissue screening after breast reduction

Mammoplasty is one of the most common procedures performed by plastic surgeons, and for decades it has been common practice to test the removed tissue for cancer. This practice means women throughout the world are in effect undergoing a "screening" procedure after cosmetic reduction surgery without their informed consent. An analysis article and three accompanying commentaries, as well as this week's podcast, examine the ethical issues this practice raises.

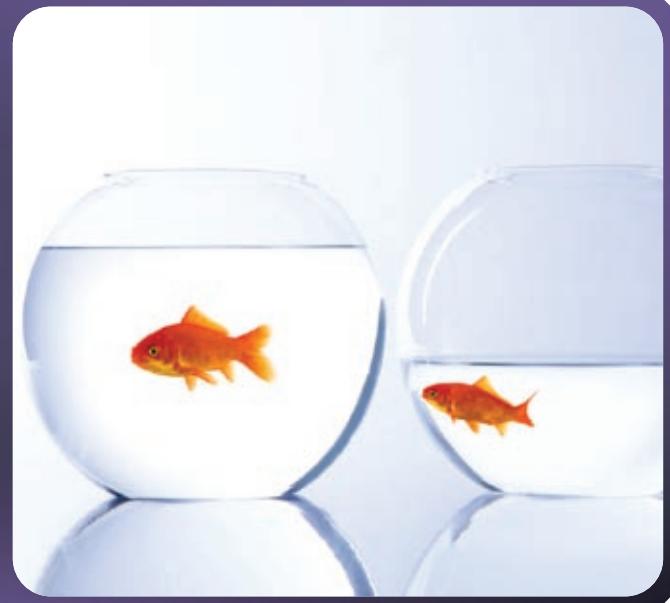
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Last week's poll asked:

Should men who have ever had sex with men be banned from giving blood?

Yes, said 244 respondents (45%)

No, said 300 respondents (55%)

This week's poll asks:

Should all patients be offered online access to their medical records?

Submit your vote at bmj.com

MOST COMMENTED ON

Let's not turn elderly people into patients

Breast screening: the facts—or maybe not

My surprise at fallout over dispatches from Israel

What to do about orchestrated email campaigns

Perils of criticising Israel



MOST READ

Perils of criticising Israel

Evidence based medicine: what it is and what it isn't

Total mortality after changes in leisure time physical activity in 50 year old men: 35 year follow-up of population based cohort

Let's not turn elderly people into patients

Tight control of blood glucose in long standing type 2 diabetes