



Journal of the British Thoracic Society
Impact Factor: 6.226

Editor-in-Chief

J A Wedzicha (UK)

Editor

S L Johnston (UK)

Associate Editors

J S Brown (UK)	J R Hurst (UK)
P M A Calverley (UK)	D A Lomas (UK)
M Dusmet (UK)	D M Mannino (USA)
J S Elborn (N Ireland)	F D Martinez (USA)
J M FitzGerald (Canada)	C Robertson (Australia)
J A Fleetham (Canada)	B Schonhofer (Germany)
N M Foley (UK)	G A Silvestri (USA)
I Hall (UK)	G I Town (New Zealand)
R Hubbard (UK)	M K B Whyte (UK)

Statistical Editors

R Newson (UK)
T M McKeever (UK)
L Tata (UK)

Images Editors

J M FitzGerald (Canada)
J R Mayo (Canada)
J C Hogg (Canada)

Letters Editor

J R Hurst (UK)

Lung Alert Editors

A Bhowmik (UK)
J Quint (UK)

President, British Thoracic Society

M Partridge

Editorial Office

BMJ Publishing Group Ltd, BMA House,
Tavistock Square, London WC1H 9JR, UK
T: +44 (0)20 7383 6147
F: +44 (0)20 7383 6668
E: thorax@bmjgroup.com
ISSN: 0040-6376 (print)
ISSN: 1468-3296 (online)

Disclaimer: *Thorax* is owned and published by the British Thoracic Society and BMJ Publishing Group Ltd, a wholly owned subsidiary of the British Medical Association. The owners grant editorial freedom to the Editor of *Thorax*.

Thorax follows guidelines on editorial independence produced by the World Association of Medical Editors and the code on good publication practice of the Committee on Publication Ethics.

Thorax is intended for medical professionals and is provided without warranty, express or implied. Statements in the Journal are the responsibility of their authors and advertisers and not authors' institutions, the BMJ Publishing Group Ltd, the British Thoracic Society or the BMA unless otherwise specified or determined by law. Acceptance of advertising does not imply endorsement.

To the fullest extent permitted by law, the BMJ Publishing Group Ltd shall not be liable for any loss, injury or damage resulting from the use of *Thorax* or any information in it whether based on contract, tort or otherwise. Readers are advised to verify any information they choose to rely on.

Copyright: © 2008 BMJ Publishing Group Ltd and the British Thoracic Society. All rights reserved; no part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise without the prior permission of *Thorax*.

Thorax is published by BMJ Publishing Group Ltd, typeset by The Charlesworth Group and printed in the UK on acid-free paper by Latimer Trend & Co Ltd, Plymouth.

Thorax (USPS No: 002-143) is published monthly by BMJ Publishing Group and distributed in the USA by SPP, 75 Aberdeen Road, Emigsville, PA 17318, USA. Periodicals postage paid at Emigsville, PA, USA. POSTMASTER: send address changes to *Thorax*, PO Box 437, Emigsville, PA 17318-0437, USA.

Editorials

- 847** Leukotriene receptor antagonist therapy and Churg–Strauss syndrome: culprit or innocent bystander?
R Beasley, S Bibby, M Weatherall
- 849** A breath of fresh air for acute oxygen treatment
P Calverley
- 850** Recent advances in exacerbations of COPD
T Seemungal, A Sykes, and the ICEAD Contributors
- 853** Role of thrombolysis in haemodynamically stable patients with pulmonary embolism
A Proudfoot, D Melley, P L Shah

Sleep-disordered breathing

- 855** Predictors of blood pressure fall with continuous positive airway pressure (CPAP) treatment of obstructive sleep apnoea (OSA)
G V Robinson, B A Langford, D M Smith, J R Stradling
- 860** Cost-effectiveness of using continuous positive airway pressure in the treatment of severe obstructive sleep apnoea/hypopnoea syndrome in the UK
J F Guest, M T Helder, A Morga, J R Stradling

Lung cancer

- 866** Effectiveness of third-generation chemotherapy on the survival of patients with advanced non-small cell lung cancer in Norway: a national study
C von Plessen, T-E Strand, T Wentzel-Larsen, E Omenaas, N Wilking, S Sundström, S Sörenson
- 872** Randomised, placebo controlled trial of nebulised furosemide for breathlessness in patients with cancer
A Wilcock, A Walton, C Manderson, L Feathers, B El Khoury, M Lewis, A Chauhan, P Howard, S Bell, J Frisby, A Tattersfield

Asthma

- 877** Association between asthma and serum adiponectin concentration in women
A Sood, X Cui, C Qualls, W S Beckett, M D Gross, M W Steffes, L J Smith, D R Jacobs Jr
- 883** Churg–Strauss syndrome and leukotriene antagonist use: a respiratory perspective
N Nathani, M A Little, H Kunst, D Wilson, D R Thickett

Respiratory physiology

- 889** Prediction equations for single breath diffusing capacity (Tlco) in a middle aged caucasian population
B R Thompson, D P Johns, M Bailey, J Raven, E H Walters, M J Abramson

Sarcoidosis

- 894** Heredity in sarcoidosis: a registry-based twin study
A Sverrild, V Backer, K O Kyvik, J Kaprio, N Milman, C B Svendsen, S F Thomsen

Paediatric lung disease

- 897** Role of routine computed tomography in paediatric pleural empyema
A Jaffe, A D Calder, C M Owens, S Stanojevic, S Sonnappa

Acute lung injury

- 903** Angiopoietin-2, permeability oedema, occurrence and severity of ALI/ARDS in septic and non-septic critically ill patients
M van der Heijden, G P van Nieuw Amerongen, P Koolwijk, V W M van Hinsbergh, A B J Groeneveld

Chronic obstructive pulmonary disease

- 910** Respiratory muscle unloading improves leg muscle oxygenation during exercise in patients with COPD
A Borghi-Silva, C C Oliveira, C Carrascosa, J Maia, D C Berton, F Queiroga Jr, E M Ferreira, D R Almeida, L E Nery, J A Neder
- 916** Altered Nrf2/Keap1-Bach1 equilibrium in pulmonary emphysema
D Goven, A Boutten, V Leçon-Malas, J Marchal-Sommé, N Amara, B Crestani, M Fournier, G Lesèche, P Soler, J Boczkowski, M Bonay

Review series

- 925** Obesity and the lung: 3 · Obesity, respiration and intensive care
A Malhotra, D Hillman

MORE CONTENTS ►

Cover credit: *Legionella* bacteria. Coloured transmission electron micrograph of a section through *Legionella pneumophila* bacteria, the cause of Legionnaires' disease. Eye of Science/Science Photo Library



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



Articles carrying the Unlocked Logo are freely available online under the BMJ Journals unlocked scheme. See <http://thorax.bmj.com/info/unlocked.dtl>



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

www.publicationethics.org.uk



Case report

- 933** Pulmonary veno-occlusive disease presenting with recurrent pulmonary oedema and the use of nitric oxide to predict response to sildenafil

*B C Creagh-Brown, A G Nicholson,
R Showkathali, J S R Gibbs, L S G E Howard*

PostScript

- 935** Factors influencing delay in initiating antiretroviral therapy among HIV infected patients coinfecting with tuberculosis

D Chilton, S G Edwards, P Pellegrino, R F Miller

- 936** Renal impairment following aminoglycoside therapy in cystic fibrosis

*A Tai, A Smyth, C Bertenshaw, S Lewis,
I Choonara, A Watson*

- 936** Bronchial asthma on Mount Kilimanjaro is not a disadvantage

*S Stokes, N Kalson, M Earl, H Frost,
A G Whitehead, I Tyrrell-Marsh, A Davies*

Miscellanea

- 865** Lung alert: When is it too EARLY to start bosentan in pulmonary arterial hypertension?

F Magdy

- 876** Pulmonary puzzle: A patient with bronchiectasis presented with progressive dyspnoea and an unresolved right lower lung infiltrate

*P-Y Lin, C-J Yu, M Yao, S-C Ku, L-N Lee,
P-C Yang*

- 882** Lung alert: A novel approach to preventing adolescent smoking in schools

N Varun

- 896** Lung alert: Mechanism of secondary bacterial infection following viral pulmonary infection (the viral-bacterial synergy)

B Jayaraman

Images in Thorax

- 938** Iatrogenic pulmonary artery pseudoaneurysm: images from different modalities

*A S McQueen, L Mitchell, M Muller,
G MacGowan, P Corris*