

# Thorax

The Journal of the British Thoracic Society

A Registered Charity

President: Brian H R Stack

## Executive editors

J R Britton  
A J Knox

## Associate editors

N C Barnes  
S Elborn  
J M FitzGerald  
J A Fleetham  
N M Foley  
S W Fountain  
I Hall  
B G Higgins  
J R Lamb  
S A Lewis  
P D Sly  
D P Strachan  
W Wedzicha

## Editorial assistants

Laura Lee  
Hilary Hughes

## Technical editor

Elizabeth Stockman

## Editorial board

J H Alpers, Australia  
N Ambrosino, Italy  
J N Baraniuk, USA  
P J Barnes, UK  
E D Bateman, South Africa  
R Beasley, New Zealand  
L Brochard, France  
A S Buist, USA  
P S Burge, UK  
E R Chilvers, UK  
T Coleman, UK  
D B Coultas, USA  
S-E Dahlen, Sweden  
R J O Davies, UK  
P-P B Ernst, Canada  
T W Evans, UK  
A J Frew, UK  
D M Geddes, UK  
P Goldstraw, UK  
Q A Hamid, Canada  
J C Hogg, Canada  
S T Holgate, UK  
S Johnston, UK  
G J Laurent, UK  
P Le Souëf, Australia  
B J Lipworth, UK  
D A Lomas, UK  
F D Martinez, USA  
D M Mitchell, UK  
A Morice, UK  
S Nagai, Japan  
S Nava, Italy  
R Panettieri, USA  
M R Partridge, UK  
A J Peacock, UK  
C Persson, Sweden  
T A E Platts-Mills, USA  
G Raghu, USA  
G Rizzato, Italy  
D F Rogers, UK  
R M Rudd, UK  
B Schönhofer, Germany  
T Sethi, UK  
S O Shaheen, UK  
C M Smith, USA  
K R Smith, USA  
T Tetley, UK  
M J Tobin, USA  
A Torres, Spain  
E von Mutius, Germany  
E H Walters, Australia  
S T Weiss, USA  
A Wells, New Zealand  
M Whyte, UK  
A A Woodcock, UK  
M Woodhead, UK  
Editor, *BMJ*

## Instructions to authors

Full instructions are available online at [www.thoraxjnl.com/misc/ifa.shtml](http://www.thoraxjnl.com/misc/ifa.shtml)  
If you do not have web access please contact the editorial office:  
Executive Editors  
Thorax Editorial Office  
Division of Respiratory Medicine  
City Hospital, Nottingham NG5 1PB, UK  
Telephone +44 (0)115 840 4768  
Fax +44 (0)115 840 4767  
Email: [thorax@bmjgroup.com](mailto:thorax@bmjgroup.com)

## Subscription information

See page ii

## Copyright

© 2002 *Thorax*. 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*  
Authors are required to grant *Thorax* an exclusive licence to publish; further details available online at [www.thoraxjnl.com/misc/ifa.shtml](http://www.thoraxjnl.com/misc/ifa.shtml)

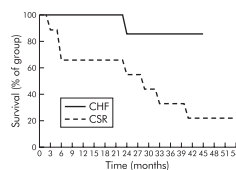
- Thorax is published by BMJ Publishing Group and printed in UK on acid free paper by Cambrian Printers, Aberystwyth
- Periodicals postage paid, Rahway, NJ. Postmaster: send address changes to: *Thorax*, c/o Mercury Airfreight International Ltd, 365 Blair Road, Avenel, NJ 07001, USA

## contents THORAX

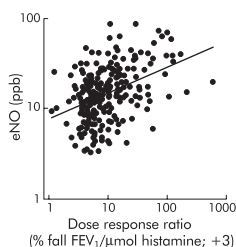
Volume 57 Number 6 June 2002



See p 547



See p 473



See p 518

## Editorial

- 471 A National Pulmonary Hypertension Service for England & Wales: an orphan disease is adopted? *T W Evans, M A Gatzoulis, J S R Gibbs*

## Original articles

- 473 Peripheral airway obstruction in primary pulmonary hypertension *F J Meyer, R Ewert, M M Hoepfer, H Olschewski, J Behr, J Winkler, H Wilkens, C Breuer, W Kübler, M M Borst for the German PPH Study Group*
- 477 Antibiotic resistant tuberculosis in the United Kingdom: 1993–1999 *T Djuretic, J Herbert, F Drobniewski, M Yates, E G Smith, J G Magee, R Williams, P Flanagan, B Watt, A Rayner, M Crowe, M V Chadwick, A M Middleton, J M Watson*
- 483 Independent validation of the Sleep Apnoea Quality of Life Index *Y Lacasse, C Godbout, F Sériès*
- 489 Effects of daily variation in outdoor particulates and ambient acid species in normal and asthmatic children *D J Ward, K T Roberts, N Jones, R M Harrison, J G Ayres, S Hussain, S Walters*
- 503 Assessing patients' preferences for characteristics associated with homeopathic and conventional treatment of asthma: a conjoint analysis study *J Ratcliffe, R Van Haselen, M Buxton, K Hardy, J Colehan, M Partridge*
- 509 Decreased peroxy nitrite inhibitory activity in induced sputum in patients with bronchial asthma *H Kanazawa, S Shiraishi, K Hirata, J Yoshikawa*
- 513 Influence of family income on hospital visits for asthma among Canadian school children *R E Dales, B Choi, Y Chen, M Tang*
- 518 Exhaled nitric oxide levels in atopic children: relation to specific allergic sensitisation, AHR, and respiratory symptoms *J D Leuppi, S H Downs, S R Downie, G B Marks, C M Salome*
- 524 Suppression of airway hyperresponsiveness induced by ovalbumin sensitisation and RSV infection with Y-27632, a Rho kinase inhibitor *K Hashimoto, R S Peebles Jr, J R Sheller, K Jarzecka, J Furlong, D B Mitchell, T V Hartert, B S Graham*
- 528 Volume effect and exertional dyspnoea after bronchodilator in patients with COPD with and without expiratory flow limitation at rest *E Boni, L Corda, D Franchini, P Chirolu, G P Damiani, L Pini, V Grassi, C Tantucci*
- 533 Effect of CPAP on intrinsic PEEP, inspiratory effort, and lung volume in severe stable COPD *F J O'Donoghue, P G Catcheside, A S Jordan, A D Bersten, R D McEvoy*

## Review series

- 540 The pulmonary physician in critical care • 6: The pathogenesis of ALI/ARDS *G J Bellington*

Occasional reviews

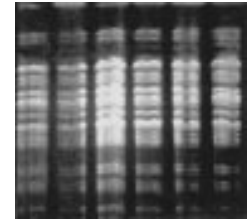
- 547 Central sleep apnoea syndrome in patients with chronic heart disease: a critical review of the current literature  
*T Köhnlein, T Welte, L B Tan, M W Elliott*
- 555 Sleep disordered breathing and pregnancy  
*N Edwards, P G Middleton, D M Blyton, C E Sullivan*

Case report

- 559 Spread of an epidemic *Pseudomonas aeruginosa* strain from a patient with cystic fibrosis (CF) to non-CF relatives  
*S J McCallum, M J Gallagher, J E Corkill, C A Hart, M J Ledson, M J Walshaw*

Letters to the editor

- 561 Relationship between asthma severity and progression of Alzheimer's disease  
*T Ohrui, H Arai, M Ichinose, T Matsui, M Yamaya, H Sasaki*
- 561 IL-1 haplotypes and lung function decline  
*J Karjalainen, J Hulkkonen, M Hurme, L Joos, P D Paré, A Sandford*
- 562 Molecular analysis of drug resistant TB  
*M Melzer, T J Brown, G L French, A Dickens, T D McHugh, L R Bagg, R A Storrington, S Lacey*
- 563 Lung bullae and marijuana  
*C S Thompson, R J White*
- 563 Pathophysiology of COPD  
*M Kelly, M A Dentener, E C Creutzberg, E F M Wouters*



See p 559