



Journal of the British Thoracic Society

Impact Factor: 6.064

Editor-in-Chief

J A Wedzicha (UK)

Editors

S L Johnston (UK)
D M Mitchell (UK)

Associate Editors

P M A Calverley (UK) D A Lomas (UK)
M Dusmet (UK) DM 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) MK B Whyte (UK)

Statistical Editors

R Newson (UK)
T M McKeever (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.

Periodicals postage paid, Rahway, New Jersey, USA. Postmaster: send address changes to: Thorax, c/o Mercury Airfreight International Ltd, 365 Blair Road, Avenel, NJ 07001, USA.

Contents

Volume 63 Number 4 | **THORAX** April 2008

Editorials

295 Hereditary disorders of surfactant homeostasis cause acute and chronic lung disease in infancy
J A Whitsett

296 Use of β blockers in patients with COPD
D H Au

298 Overdiagnosis in lung cancer: different perspectives, definitions, implications
P B Bach

Chronic obstructive pulmonary disease

301 Use of β blockers and the risk of death in hospitalised patients with acute exacerbations of COPD
M T Dransfield, S M Rowe, J E Johnson, W C Bailey, L B Gerald

306 Increased arterial stiffness in patients with chronic obstructive pulmonary disease: a mechanism for increased cardiovascular risk
N L Mills, J J Miller, A Anand, S D Robinson, G A Frazer, D Anderson, L Breen, I B Wilkinson, C M McEniery, K Donaldson, D E Newby, W MacNee

Tuberculosis

312 Age-period-cohort analysis of tuberculosis notifications in Hong Kong from 1961 to 2005
P Wu, B J Cowling, C M Schooling, I O L Wong, J M Johnston, C-C Leung, C-M Tam, G M Leung

317 The clinical impact of nucleic acid amplification tests on the diagnosis and management of tuberculosis in a British hospital
M Taegtmeier, N J Beeching, J Scott, K Seddon, S Jamieson, S B Squire, H C Mwandumba, A R O Miller, P D O Davies, C M Parry

Asthma

322 Glutathione S-transferase genotype increases risk of progression from bronchial hyperresponsiveness to asthma in adults
M Imboden, T Rochat, M Brutsche, C Schindler, S H Downs, M W Gerbase, W Berger, N M Probst-Hensch, the SAPALDIA Team

Respiratory infection

329 *Pneumocystis* colonisation is common among hospitalised HIV infected patients with non-*Pneumocystis* pneumonia
J L Davis, D A Welsh, C B Beard, J L Jones, G G Lawrence, M R Fox, K Crothers, A Morris, D Charbonnet, A Swartzman, L Huang

Lung cancer

335 Validation of two models to estimate the probability of malignancy in patients with solitary pulmonary nodules
E M Schultz, G D Sanders, P R Trotter, E F Patz Jr, G A Silvestri, D K Owens, M K Gould

342 Telomerase activity in transthoracic fine needle biopsy aspirates as a marker of peripheral lung cancer
T Targowski, K Jahnz-Rózyk, T Szkoda, S From, N Qandil, T Płusa

345 EGFR and PDGFR differentially promote growth in malignant epithelioid mesothelioma of short and long term survivors
H Kothmaier, F Quehenberger, I Halbwedl, P Morbini, F Demirag, H Zeren, C E Comin, B Murer, P T Cagle, R Attanoos, A R Gibbs, F Galateau-Salle, H H Popper

352 Selective expression of S100A7 in lung squamous cell carcinomas and large cell carcinomas but not in adenocarcinomas and small cell carcinomas
H Zhang, Q Zhao, Y Chen, Y Wang, S Gao, Y Mao, M Li, A Peng, D He, X Xiao

360 Endobronchial ultrasound-guided transbronchial needle aspiration in the diagnosis of lymphoma
M P Kennedy, C A Jimenez, J F Bruzzi, A D Mhatre, X Lei, F J Giles, T Fanning, R C Morice, G A Eapen

Interstitial lung disease

366 Clinical, radiological and pathological features of ABCA3 mutations in children
M L Doan, R P Guilleman, M K Dishop, L M Noguee, C Langston, G B Mallory, M M Sockrider, L L Fan

Case report

374 A new bronchoscopic treatment of tracheo mediastinal fistula using autologous adipose-derived stem cells
P Díaz-Agero Álvarez, M García-Arranz, T Georgiev-Hristov, D García-Olmo

Review

377 A critical appraisal of overdiagnosis: estimates of its magnitude and implications for lung cancer screening
J M Reich

MORE CONTENTS ►

Cover credit: Lung cancer cell division. Steve Gschmeissner Science Photo Library



This article has been chosen by the Editor to be of specialist 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>



www.publicationethics.org.uk

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

Thorax: first published as on 1 April 2008. Downloaded from <http://thorax.bmj.com/> on March 2, 2021 by guest. Protected by copyright.

PostScript

- 384** Endobronchial ultrasound guided transbronchial needle aspiration of mediastinal lymph nodes for lung cancer staging: a projected cost analysis

M E J Callister, A Gill, W Allott, P K Plant

- 384** Effect of CPAP on insulin resistance in patients with obstructive sleep apnoea and type 2 diabetes

I A Harsch, E G Hahn, S Pour Schahin

- 385** Mould eradication and asthma

P J F M Merkus

- 385** Corrections

Miscellaneous

- 300** Lung alert: Industry funded studies for inhaled corticosteroids show greater safety

P Murphy

- 311** Lung alert: HIF1 α in hypoxia

K McLaughlin

- 359** Pulmonary puzzle: A 75-year-old man with chest discomfort and a cough

J J Owen, L Perry, R Delaney, M Charig,

M J Smith, L Hart

- 365** Lung alert: A new biomarker in asthma?

I Scott

Images in Thorax

- 386** Bronchogenic cyst treated by endobronchial ultrasound drainage

S Dhand, W Krimsky