



Journal of the British Thoracic Society

Impact Factor: 10

Editors-in-Chief

M Griffiths (UK)

C O'Kane (UK)

J Quint (UK)

Deputy Editors

A Bottle (UK)

R Chambers (UK)

M Shankar-Hari (UK)

Associate Editors

M Bafadhel (UK)

B Barratt (UK)

B Blackwood (UK)

K Blyth (UK)

HJ Bogaard

(The Netherlands)

F Brimms (Australia)

N Chaudhuri (UK)

B Connolly (UK)

GJ Criner (USA)

C Dean (UK)

D Dockrell (UK)

D Downey (UK)

N Hopkinson (UK)

D Jackson (UK)

C Janson (Sweden)

G Kaltsakas (UK)

D Kiely (UK)

B Kirenga (Uganda)

G Lee (Australia)

W Lenney (UK)

M Loebinger (UK)

R Masekela (South Africa)

V Navaratnam (UK)

M Nikolic (UK)

J-L Pepin (France)

M Polkey (UK)

J Porter (UK)

R Riha (UK)

M Sadatsafavi (Canada)

S Saglani (UK)

M Sauler (USA)

C Scotton (UK)

A Shah (UK)

S Singh (India)

R Stevens (USA)

M Toshner (UK)

K Verhamme

(Netherlands)

C Wainwright (Australia)

P Wark (Australia)

H Whittaker (UK)

Guidelines Associate Editor

I Du Rand (UK)

Statistical Editors

M Chaplin (UK)

K Dalrymple (UK)

A Douiri (UK)

S Nolan (UK)

M Taghavi Azar Sharabiani (USA)

S Stanojevic (USA)

I Stewart (UK)

X Sun (UK)

F Tydeman (UK)

Y Wang (UK)

M Yadegarfar (UK)

Journal Club Editor

P Murphy (UK)

President, British Thoracic Society

Jonathan Bennett

Multimedia Editor

Nick Hopkinson (UK)

Editorial Office

Thorax, BMJ Journals, BMA House, Tavistock

Square, London, WC1H 9JR, UK

T: +44 (0)20 7383 6373

E: thorax@bmj.com

X: @ThoraxBMJ

ISSN: 0040-6376 (print)

ISSN: 1468-3296 (online)

Disclaimer: The Editor of *Thorax* has been granted editorial freedom and *Thorax* is published in accordance with editorial guidelines issued by the World Association of Medical Editors and the Committee on Publication Ethics. *Thorax* is primarily intended for healthcare professionals and its content is for information only. The Journal is published without any guarantee as to its accuracy or completeness and any representations or warranties are expressly excluded to the fullest extent permitted by law. Readers are advised to independently verify any information on which they choose to rely. Acceptance of advertising by *Thorax* does not imply endorsement. Neither *BTS* nor BMJ Publishing Group Limited shall have any liability for any loss, injury or damage whatsoever arising from *Thorax* (except for liability which cannot be legally excluded).

Copyright: © 2024 BMJ Publishing Group Ltd and the British Thoracic Society. All rights reserved; no part of this publication may be reproduced in any form without permission

Thorax is published by BMJ Publishing Group Ltd, typeset by Exeter Premedia Services Private Ltd, Chennai, India and printed in the UK on acid-free paper.

Thorax, ISSN No: 0040-6376 (USPS 2143) is published monthly by BMJ Publishing Group Ltd, BMA House, Tavistock Square, WC1H 9JR London. Airfreight and mailing in the USA by agent named World Container Inc, 150-15, 183rd Street, Jamaica, NY 11413, USA. Periodicals postage paid at Brooklyn, NY 11256, US. Postmaster: Send address changes to *Thorax*, World Container Inc, 150-15, 183rd Street, Jamaica, NY 11413, USA. Subscription records are maintained at BMA House, Tavistock Square, WC1H 9JR London. Air Business Ltd is acting as our mailing agent.

Editorials

387 Mildly elevated pulmonary vascular resistance and worsened survival in PH-ILD: an opportunity for earlier diagnosis and intervention?
S J Cassidy, B A Maron

389 Does ICS treatment increase the risk of pneumonia in asthma?
C Janson

391 Impacts of sex and gender on severe asthma
K C W Wang, J D Blakey

393 Unravelling the obesity–asthma connection in childhood and adolescence: does body shape matter?
A D Morgan

Asthma

395 Use of inhaled corticosteroids and the risk of hospitalisation for pneumonia in children with asthma: a nationwide cohort study
K-H Sielinou Kamgang, S A Rhedin, C Almqvist, V Wintzell

403 Impact of sex on severe asthma: a cross-sectional retrospective analysis of UK primary and specialist care
L Loewenthal, J Busby, R McDowell, T Brown, H Burhan, R Chaudhuri, P Dennison, J W Dodd, S Doe, S Fariqi, R Gore, E Idris, D J Jackson, M Patel, T Pantin, I Pavord, P E Pfeiffer, D B Price, H Rupani, S Siddiqui, L G Heaney, A Menzies-Gow, On behalf of the UK Severe Asthma Registry

412 Greenhouse gas emissions associated with suboptimal asthma care in the UK: the SABINA healthCARE-Based environmental cost of treatment (CARBON) study
A J K Wilkinson, E Maslova, C Janson, V Radhakrishnan, J K Quint, N Budgen, T N Tran, Y Xu, A Menzies-Gow, J P Bell

Interstitial lung disease

422 Mild elevation of pulmonary vascular resistance predicts mortality regardless of mean pulmonary artery pressure in mild interstitial lung disease
T Sato, T Furukawa, R Teramachi, J Fukihara, Y Yamano, T Yokoyama, T Matsuda, K Kataoka, T Kimura, K Sakamoto, M Ishii, Y Kondoh

Lung cancer

430 Prognostic factors for survival in unresectable stage III EGFR mutation-positive lung adenocarcinoma: impact of pre-CCRT PET-CT
W-C Lin, W-M Chen, B-C Shia, S-Y Wu

Rehabilitation

438 Do pulmonary rehabilitation programmes improve outcomes in patients with COPD posthospital discharge for exacerbation: a systematic review and meta-analysis
A R Jenkins, C Burtin, P G Camp, P Lindenauer, B Carlin, J A Alison, C Rochester, A E Holland

Respiratory epidemiology

448 Body composition and respiratory outcomes in children: a population-based prospective cohort study
T Wu, S Santos, H G Quezada Pinedo, M W Vernooij, V W V Jaddoe, S Klein, L Duijts, E H G Oei

Respiratory infection

457 Impact of post-COVID-19 condition on health status and activities of daily living: the PRIME post-COVID study
M Van Herck, D M E Pagen, C J A van Bilsen, S Brinkehues, K Konings, C D J den Heijer, S Mujakovic, H L G ter Waarbeeke, C Burtin, D J A Janssen, C J P A Hoebe, M A Spruijt, N H T M Duijts-Muijters

MORE CONTENTS ►

Cover caption: Greenhouse gas emissions associated with suboptimal asthma care in the UK: the SABINA healthCARE-Based environmental cost of treatment (CARBON) study (Wilkinson AJK, *et al.* page 415)



EDITOR'S CHOICE

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



OPEN ACCESS

This article has been made freely available online under the BMJ Journals open access scheme.

See <http://authors.bmj.com/open-access/>



Member since 2009
JMD03979

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

<http://publicationethics.org/>



When you have finished with this magazine please recycle it.

Tuberculosis

- 465** Serum cytokine biosignatures for identification of tuberculosis among HIV-positive inpatients



OPEN ACCESS

H Zhang, L Li, Y Liu, W Xiao, R Xu, M Lu, W Hao, YC Gao, X Tang, Y Dai

Short report

- 472** Improved pulmonary function and exercise tolerance despite persistent pulmonary fibrosis over 1 year after severe COVID-19 infection

C F McGroder, M M Salvatore, B M D'Souza, E A Hoffman, M R Baldwin, C K Garcia

State of the art review

- 476** Development of respiratory care guidelines for Duchenne muscular dystrophy in the UK: key recommendations for clinical practice



OPEN ACCESS

A-M Childs, C Turner, R Astin, S Bianchi, J Bourke, V Cunningham, L Edel, C Edwards, P Farran, J Heraghty, M James, C Massey, B Messer, J Michel Sodhi, P B Murphy, M Schiava, A Thomas, F Trucco, M Guglieri

Journal club

- 486** Journal club
B Iqbal

Electronic page

- e1** Correction: *RAGE-induced ILC2 expansion in acute lung injury due to haemorrhagic shock*