Thorax

RMI

Journal of the British Thoracic Society

Impact Factor: 8.121 Editors-in-Chief N Hart (UK)

G Jenkins (UK) AR Smyth (UK) **Deputy Editors**

N Kaminski (USA) M Rosenfeld (USA)

Associate Editors

D Baldwin (UK) P O'Byrne (Canada) R Chambers (UK) J-L Pepin (France) M Polkey (UK) T Coleman (UK) GJ Criner (USA) J Quint (UK) J Davies (UK) N Rahman (UK) S Shaheen (UK) A Floto (UK) M Griffiths (UK) R Stevens (USA) L Heaney (UK) S Janes (UK) M Tobin (UK) A Vonk noordegraat B Kampman (UK) (The Netherlands) C Wainwright (Australia) T Wilkinson (UK) M Kolb (Canada) B Mohkelesi (USA)

Online Content Editor N Hopkinson (UK)

Statistical Editors V Cornelius (UK) A Douiri (UK) J Gibson (UK) N Hamblett (USA) D Lederer (USA)

R Szczesniak (USA) B Wagner (USA) **Journal Club Editor**

J Quint (UK)

President, British Thoracic Society MDL Morgan

Editorial Office Thorax, BMA House, Tavistock Square, London WC1H 9JB LIK T: +44 (0)20 7383 6373

E: thorax@bmj.com

Twitter: @ThoraxBMJ

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 there sponsibility of their authors and advertisers and not authors institutions, the BMJ Publishing Group Ltd, the British Thoracic Society or theBMAunless 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: © 2016 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 Nova Techset Private Limited, Bengaluru & Chennai, India and printed in the UK on acid-free paper.

Thorax (ISSN No: 0040–6376) is published monthly by BMJ Publishing Group and distributed in the USA by Air Business Ltd. Periodicals postage paid at Jamaica NY 11431. POSTMASTER: send address changes to *Thorax*, Air Business Ltd, c/o Worldnet Shipping Inc., 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, USA.

Downloaded from http://thorax.bmj.com/ on April 10, 2018 - Published by group.bmj.com

Contents

Editorials

- Air pollution affects lung cancer survival 875 I E Hart
- 877 NIV for OHS without severe OSAS: is it worth it?

P B Murphy, J-P Janssens

879 Stimulating therapy for obstructive sleep apnoea P I Strollo Ir, A Malhotra

Critical care

881 Physical rehabilitation interventions for adult patients during critical illness: an overview 6 OPEN ACCESS of systematic reviews

B Connolly, B O'Neill, L Salisbury, B Blackwood, on behalf of the Enhanced Recovery After Critical Illness Programme Group

Environmental exposure

Air pollution affects lung cancer survival 891 S P Eckel, M Cockburn, Y-H Shu, H Deng, \checkmark F W Lurmann, L Liu, F D Gilliland EDITOR'S

Non-invasive ventilation

- Non-invasive ventilation in obesity 899 hypoventilation syndrome without severe 6 OPEN ACCESS obstructive sleep apnoea
 - J F Masa, J Corral, C Caballero, E Barrot, J Terán-Santos, M L Alonso-Álvarez, T Gomez-Garcia, M González, S López-Martín, P De Lucas, J M Marin, S Marti, T Díaz-Cambriles, E Chiner, C Egea, E Miranda, B Mokhlesi, on behalf of the Spanish Sleep Network, E García-Ledesma, M-Á Sánchez-Quiroga, E Ordax, N González-Mangado, M F Troncoso, M-Á Martinez-Martinez, O Cantalejo, E Ojeda, S J Carrizo, B Gallego, M Pallero, M A Ramón, J Díaz-de-Atauri, J Muñoz-Méndez, C Senent, J N Sancho-Chust, F J Ribas-Solís, A Romero, J M Benítez, J Sanchez-Gómez, R Golpe, A Santiago-Recuerda, S Gomez, M Bengoa

Paediatric lung disease

- Tidal changes in respiratory resistance are 907 sensitive indicators of airway obstruction in children
 - D Czövek, C Shackleton, Z Hantos, K Taylor, A Kumar, A Chacko, R S Ware, G Makan,
 - B Radics, Z Gingl, P D Sly

Respiratory epidemiology

Birth weight, early childhood growth and lung 916 function in middle to early old age: 1946 British birth cohort

Y Cai, S O Shaheen, R Hardy, D Kuh, A L Hansell

Sleep

923 Bandomised sham-controlled trial of 6 transcutaneous electrical stimulation in OPEN ACCESS obstructive sleep apnoea

> M F Pengo, S Xiao, C Ratneswaran, K Reed, N Shah, T Chen, A Douiri, N Hart, Y Luo, G F Rafferty, G P Rossi, A Williams, M I Polkey, I Moxham, I Steier

Tuberculosis

- **932** The impact of BCG vaccination on tuberculin
- skin test responses in children is age 6
- OPEN ACCESS dependent: evidence to be considered when screening children for tuberculosis infection

J A Seddon, J Paton, Z Nademi, D Keane, B Williams, A Williams, S B Welch, S Liebeschutz, A Riddell, J Bernatoniene, S Patel, N Martinez-Alier, P McMaster, B Kampmann

940 What are the most efficacious treatment

- regimens for isoniazid-resistant tuberculosis? 6
- OPEN ACCESS A systematic review and network meta-analysis

H R Stagg, R J Harris, H-A Hatherell, D Obach, H Zhao, N Tsuchiya, K Kranzer, V Nikolavevskyv, J Kim, M C Lipman, I Abubakar

MORE CONTENTS

Cover caption: Percutaneous aspiration of a chylothorax (see Tanaka T, et al., page 960).

This article has been chosen by the Editors to be of special interest V EDITOR'S 6 OPEN ACCESS

or importance and is freely available online. This article has been made freely available online under the BMJ

Journals Open Access scheme.

See http://journals.bmj.com/site/authors/openaccess.xhtml



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

http://publicationethics.org/



recycle Vhen you have finished with his magazine please recycle it.



Contents

Volume 71 Issue 10 | THORAX October 2016

Research letters

950 Does UKLS strategy increase the yield of screen-detected lung cancers? A comparison with ITALUNG

> M Mascalchi, A L Pegna, L Carrozzi, F Carozzi, F Falaschi, G Picozzi, E Paci

951 A diagnostic model for chronic hypersensitivity pneumonitis

K A Johannson, B M Elicker, E Vittinghoff, D Assayag, K de Boer, J A Golden, K D Jones, T E King Jr, L L Koth, J S Lee, B Lev, P J Wolters, H R Collard

954 Interaction of vitamin E isoforms on asthma and allergic airway disease

I Cook-Mills, T Gebretsadik, H Abdala-Valencia, J Green, E K Larkin, W D Dupont, X O Shu, M Gross, C Bai, Y-T Gao, T J Hartman, C Rosas-Salazar, T Hartert

Chest clinic

Case based discussions

957 Community-acquired pneumonia in children: what to do when there is no response to standard empirical treatment?

> S Shanthikumar, A Clifford, J Massie, T Cole, A Steer, M Marks, A Gwee

Images in thorax

Refractory chylothorax in HIV/AIDS-related 960 disseminated mycobacterial infection T Tanaka, N Saito, M Takaki, A Furumoto,

K Morimoto, K Ariyoshi

962 Symptomatic accessory cardiac bronchus in an infant

A Fina, M Baqué-Juston, M Guesmi, M Albertini, L Giovannini-Chami

Research and guideline update

Cochrane corner: interventions for the 964 management of malignant pleural effusions

A O Clive, R Bhatnagar, N J Preston, N A Maskell, H E Jones

Pulmonary puzzles

A surprising cause of polycythaemia 967

N E De Maeyer, S Van Lommel, T Devos, B Buyse, K Nackaerts

Journal club summaries

970 What's hot that the other lot got C Lee

Downloaded from http://thorax.bmj.com/ on April 10, 2018 - Published by group.bmj.com



To request permissions go to: http://group.bmj.com/group/rights-licensing/permissions

To order reprints go to: http://journals.bmj.com/cgi/reprintform

To subscribe to BMJ go to: http://group.bmj.com/subscribe/