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Impact Factor: 6.84

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ISSN: 0040-6376 (print)

ISSN: 1468-3296 (online)

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*Thorax* is published by BMJ Publishing Group Ltd, typeset by Techset 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.

**Editorials**

**1023** Perception of lung function, adherence to inhaled corticosteroids, and the role of peak expiratory flow feedback in paediatric asthma  
*J Y Paton*

**1025** Obstructive sleep apnoea and metabolic syndrome: put CPAP efficacy in a more realistic perspective  
*J-L Pépin, R Tamisier, P Lévy*

**1028** The president speaks: prevention is best: lessons from protecting the ozone layer  
*A Woodcock*

**Original articles**

**Acute lung injury**

**1032** Low levels of tissue factor lead to alveolar haemorrhage, potentiating murine acute lung injury and oxidative stress  
*J A Bastarache, S C Seabag, J K Clune, B S Grove, W E Lawson, D R Janz, L J Roberts II, R Dworski, N Mackman, L B Ware*

**Asthma**

**1040** Prediction of peak flow values followed by feedback improves perception of lung function and adherence to inhaled corticosteroids in children with asthma  
*J M Feldman, H Kutner, L Matte, M Lupkin, D Steinberg, K Sidora-Arcoleo, D Serebrisky, K Warman*

**1046** Multifaceted allergen avoidance during infancy reduces asthma during childhood with the effect persisting until age 18 years  
*M Scott, G Roberts, R J Kurukulaaratchy, S Matthews, A Nove, S H Arshad*

**1052** The at-risk registers in severe asthma (ARRISA) study: a cluster-randomised controlled trial examining effectiveness and costs in primary care  
*J R Smith, M J Noble, S Musgrave, J Murdoch, G M Price, G R Barton, J Windley, R Holland, B DW Harrison, A Howe, D B Price, I Harvey, A M Wilson*

**1061** Epithelial eotaxin-2 and eotaxin-3 expression: relation to asthma severity, luminal eosinophilia and age at onset  
*J M Coleman, C Naik, F Holguin, A Ray, P Ray, J B Trudeau, S E Wenzel*

**Chronic obstructive pulmonary disease**

**1067** Increased circulating endothelial microparticles in COPD patients: a potential biomarker for COPD exacerbation susceptibility  
*T Takahashi, S Kobayashi, N Fujino, T Suzuki, C Ota, M He, M Yamada, S Suzuki, M Yanai, S Kurosawa, M Yamaya, H Kubo*

**1075** Changes in prevalence and load of airway bacteria using quantitative PCR in stable and exacerbated COPD  
*D S Garcha, S J Thurston, A R C Patel, A J Mackay, J J P Goldring, G C Donaldson, T D McHugh, J A Wedzicha*

**Sleep disordered breathing**

**1081** Cardiometabolic changes after continuous positive airway pressure for obstructive sleep apnoea: a randomised sham-controlled study  
*C M Hoyos, R Killick, B J Yee, C L Phillips, R R Grunstein, P Y Liu*

**1090** Continuous positive airway pressure improves sleepiness but not calculated vascular risk in patients with minimally symptomatic obstructive sleep apnoea: the MOSAIC randomised controlled trial  
*S E Craig, M Kohler, D Nicoll, D J Bratton, A Nunn, R Davies, J Stradling*

**Reviews**

**1097** Therapeutic advances in non-small cell lung cancer  
*E Vallières, S Peters, P Van Houtte, P Dalal, E Lim*

**MORE CONTENTS ►**

**Credit:** Laboratory for Atmospheres, Nasa Goddard Space Flight Center/Science Photo Library

**Cover caption:** Satellite map showing a severe depletion or "hole" in the ozone layer over Antarctica on October 2, 1987. The hole is probably due to pollution of the atmosphere by chlorofluorocarbons (CFCs). First seen in 1980, the "hole" has grown in severity. It reaches a maximum in October, the Antarctic spring. It is visible here as the white & pink area covering Antarctica (outlined in white) & beyond. Australia, southern Africa & part of South America are also outlined. The colours represent Dobson units, a measure of atmospheric ozone. The map was made from data obtained by the Nimbus-7 weather satellite.



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- 1102** Prospects for the development of effective pharmacotherapy targeted at the skeletal muscles in chronic obstructive pulmonary disease: a translational review  
*M C Steiner, R Roubenoff, R Tal-Singer, M I Polkey*

---

### Research letter

- 1110** Are early life factors considered when managing respiratory disease? A British Thoracic Society survey of current Practice  
*C E Bolton, A Bush, J R Hurst, S Kotecha, L McGarvey, J Stocks, M J Walshaw*

---

### PostScript

- 1111** Correspondence

---

### Chest clinic

#### **Basic science for the chest physician**

- 1114** New cell for asthma: enter the myeloid  
*T J Williams*

---

### Pulmonary puzzle

- 1116** A puzzling tumour  
*A Kamara, S Dubrey, M Osman, J Mikel, G Phillips*

---

### Case based discussion

- 1119** Your asthma reliever inhaler: never leave home without it  
*M Patel, J Pilcher*

---

### Images in Thorax

- 1120** Heterotopic ossification encasing a plompage cavity  
*S G Watson, S L F Walsh*
- 1122** In digging up the past of this 90-year old man, a recent Eastern European immigrant to the USA, what is a historical treatment for an ongoing endemic disease he might have received?  
*G Apergis, F Abi-Fadel, P Krishnan*

---

### Miscellaneous

- 1074** Journal club: Host genotype-specific therapies for Tuberculosis  
*J Devlin*
- 1109** Correction
- 1121** Journal club: Management of latent tuberculosis infection  
*J Brown*

---

### Notice

- 1060** Scadding-Morrison Davies joint fellowship in respiratory medicine 2013  
*I A Campbell*

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