Journal articles

Thorax
November 2014, Volume 69, Issue 11

Editorials

Emphysema: time to say farewell to therapeutic nihilism
Zaid Zoumot, Simon Jordan, Nicholas S Hopkinson
Thorax 2014;69:973-975
[Extract]

The child is father of the man: the importance of early life influences on lung development
A John Henderson
Thorax 2014;69:976-977
[Extract]

Antioxidants and respiratory disease: the uric acid paradox
Seif O Shaheen
Thorax 2014;69:978-979
[Extract]

Chronic obstructive pulmonary disease

Original article: Lung volume reduction coil treatment for patients with severe emphysema: a European multicentre trial
Gaëtan Deslee, Karin Klooster, Martin Hetzel, et al.
Thorax 2014;69:980-986
[Abstract][Full text][PDF][Request permissions]

Original article: Comparison of spatially matched airways reveals thinner airway walls in COPD. The Multi-Ethnic Study of Atherosclerosis (MESA) COPD Study and the Subpopulations and Intermediate Outcomes in COPD Study (SPIROMICS)
Benjamin M Smith, Eric A Hoffman, Dan Rabinowitz, et al.
Environmental exposure

Original article: Cross-sectional associations between air pollution and chronic bronchitis: an ESCAPE meta-analysis across five cohorts
Yutong Cai, Tamara Schikowski, Martin Adam, et al.
Thorax 2014;69:1005-1014

Respiratory epidemiology

Original article: Serum uric acid and the risk of respiratory disease: a population-based cohort study
Laura J Horsfall, Irwin Nazareth, Irene Petersen
Thorax 2014;69:1021-1026

Original article: Coarse particulate matter associated with increased risk of emergency hospital admissions for pneumonia in Hong Kong
Hong Qiu, Lin Wei Tian, Vivian C Pun, Kin-fai Ho, Tze Wai Wong, Ignatius T S Yu
Thorax 2014;69:1027-1033

Research letters

Heterogeneity's ruses: the neglected role of between-individual variability in longitudinal studies of COPD exacerbations
Mohsen Sadatsafavi, J Mark FitzGerald
Thorax 2014;69:1043-1044

Positional oximetry to screen for pulmonary arteriovenous malformations in HHT
Susan Carpenter, Janina Josepovici, Giuseppe Latino, Felix Ratjen
Thorax 2014;69:1045

Orthodeoxia and postural orthostatic tachycardia in patients with pulmonary arteriovenous malformations: a prospective 8-year series
V Santhirapala, B Chamali, H McKernan, et al.
Thorax 2014;69:1046-1047

Chest clinic

Audit, research and guideline update: Cochrane corner: is integrated disease management for patients with COPD effective?
Thorax 2014;69:1053-1055
Audit, research and guideline update: Changes to inhaled corticosteroid dose when initiating combination inhaler therapy in long-acting β agonist-naïve patients with asthma: a retrospective database analysis
Jordan R Covvey, Blair F Johnston, Fraser Wood, Anne C Boyter
Thorax 2014;69:1056-1058
[Abstract]

Case based discussion

Lesson of the month: extrinsic allergic (bronchiolo)alveolitis and metal working fluids
Paul Cullinan, Eva D'Souza, Rachel Tennant, Chris Barber
Thorax 2014;69:1059-1060
[Extract][Full text][PDF][Request permissions]
OPEN ACCESS

Images in thorax: Intrapulmonary lipomatosis
Chao-Yu Liu, Yu-Chao Yu, Chih-Cheng Hsieh, Yeh-Han Wang, Teh-Ying Chou
Thorax 2014;69:1061-1062
[Extract]

American Journal of Respiratory and Critical Care Medicine
Volume 190, Issue 9 (November 1, 2014)

Chronic Obstructive Pulmonary Disease: Different Risk Factors and Different Natural Histories?
Jørgen Vestbo, and Bartolome Celli
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 9: 968-970.

Expanding the Dimensions of Effectiveness Research in Sepsis
Allan J. Walkey
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 9: 970-971.

Body Composition, Lung Transplant Candidacy, and Patient Outcomes
Roger D. Yusen
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 9: 971-973.

Is Pulmonary Hypertension a Metabolic Disease?
Jarrod Barnes, and Raed A. Dweik
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 9: 973-975.

Training Pulmonary Researchers to Span the Bench-to-Bedside “Valley of Death”
Mark T. Gladwin and Christopher P. O'Donnell
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 9: 977-980.

Network Analysis in the Investigation of Chronic Respiratory Diseases. From Basics to Application
Diego Diez, Alvar Agustí, and Craig E. Wheelock
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 9: 981-988.

Multicenter Study Comparing Case Definitions Used to Identify Patients with Chronic Obstructive Pulmonary Disease
Valentin Prieto-Centurion, Andrew J. Rolle, David H Au, et al. on behalf of the CONCERT Consortium
FEV1 Decline in Patients with Chronic Obstructive Pulmonary Disease Associated with Biomass Exposure
Alejandra Ramírez-Venegas, Raul H. Sansores, Roger H. Quintana-Carrillo, et al.
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 9: 996-1002.

Body Composition and Mortality after Adult Lung Transplantation in the United States
Jonathan P. Singer, Eric R. Peterson, Mark E. Snyder, et al.
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 9: 1012-1021.

Interleukin-26 in Antibacterial Host Defense of Human Lungs. Effects on Neutrophil Mobilization
Karlhans F. Che, Sara Tengvall, Bettina Levänen, et al.

Risk of Tuberculosis after Recent Exposure. A 10-Year Follow-up Study of Contacts in Amsterdam
Rosa Sloot, Maarten F. Schim van der Loeff, Peter M. Kouw, and Martien W. Borgdorf
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 9: 1044-1052.

Unilateral Pulmonary Fibrosis and Systemic Sclerosis
Viktor N. Lesnyak, Olesya V. Danilevskaya, Alexander V. Averyanov et al.

Primary Pulmonary Lymphoma Presenting with Multiple Lung Nodules
Koichiro Shinoda, Hirotumi Taki, Takeshi Tsuda, Ryuji Hayashi, Kazuhiro Nomoto, and Kazuyuki Tobe

Kommerell Diverticulum Compressing the Tracheobronchial Tree and Presenting as Wheezing
Chung-Ting Chen, Chia-Ming Chang, and Hsien-Hao Huang

Targeting B Lymphocytes in Progressive Fibrosing Mediastinitis

American Journal of Respiratory and Critical Care Medicine
Volume 190, Issue 10 (November 15, 2014)

Bringing in the Cavalry: IL-26 Mediates Neutrophil Recruitment to the Lungs
Kristin L. Griffiths, and Shabaana A. Khader,

Narrowing in on Early Cystic Fibrosis Lung Disease
Edith T. Zemanick, Lucas Hoffman, and Margaret Rosenfeld

MARCKS Is Marked in Combating Lung Cancer Growth and Acquired Resistance
Sekhar P. Reddy, Viswanathan Natarajan, and Arkadiusz Z. Dudek
REM Sleep: A Nightmare for Patients with Obstructive Sleep Apnea?
Yüksel Peker,

Acute Respiratory Distress Syndrome: Emerging Research in China
Yuanlin Song, Feng Xu, Eric J. Seeley, Jiexian Ou, Xiaodan Zhu, Ruijuan Sun, and Chunxue Bai

IL-17 in Severe Asthma. Where Do We Stand?
Julie Chesné, Faouzi Braza, Guillaume Mahay, Sophie Brouard, Marc Aronica, and Antoine Magnan

Targeting Myristoylated Alanine-Rich C Kinase Substrate Phosphorylation Site Domain in Lung Cancer. Mechanisms and Therapeutic Implications
Ching-Hsien Chen, Sarah Statt, Chun-Lung Chiu

α-Hemolysin Activity of Methicillin-Susceptible Staphylococcus aureus Predicts Ventilator-associated Pneumonia
Lukas Stulik, Stefan Malafa, Jana Hudcova

Obstructive Sleep Apnea during REM Sleep and Hypertension. Results of the Wisconsin Sleep Cohort
Babak Mokhlesi, Laurel A. Finn, Erika W. Hagen, et al.

Risk Assessment of Tuberculosis in Immunocompromised Patients. A TBNET Study
Martina Sester, Frank van Leth, Judith Bruchfeld, et al., for the TBNET||

An Official American Thoracic Society Statement: Diagnosis and Management of Beryllium Sensitivity and Chronic Beryllium Disease
John R. Balmes, Jerrold L. Abraham, Raed A. Dweik, et al.; on behalf of the ATS Ad Hoc Committee on Beryllium Sensitivity and Chronic Beryllium Disease

Getting a Better Picture of the Correlation between Lung Function and Structure Using Electrical Impedance Tomography
Claude Guerin, and Inéz Frerichs

Cerebral Air Embolism. A Case of Disseminated Klebsiella pneumoniae Infection
Jehan Alladina, Daniela Lamas, and Josalyn Cho

Sarcoid-Like Reaction in Diffuse Idiopathic Pulmonary Neuroendocrine Cell Hyperplasia
European Respiratory Journal
November 1, 2014; 44 (5)

Editorials

Cough hypersensitivity syndrome: towards a new approach to chronic cough
Roger Escamilla and Nicolas Roche
Eur Respir J 2014 44:1103-1106
http://erj.ersjournals.com/content/44/5/1103.extract

Understanding the impact of physical activity in COPD outcomes: moving forward
Richard ZuWallack and Cristóbal Esteban
Eur Respir J 2014 44:1107-1109
http://erj.ersjournals.com/content/44/5/1107.extract

A conceptual framework for reporting experience of physical activity in COPD
Enrico M. Clini and Laura Fregonese
Eur Respir J 2014 44:1110-1112
http://erj.ersjournals.com/content/44/5/1110.extract

Double tracer gas single-breath washout: promising for clinics or just a toy for research?
Philipp Latzin and Bruce Thompson
Eur Respir J 2014 44:1113-1115
http://erj.ersjournals.com/content/44/5/1113.extract

Do we need new asthma control tests?
Jean Bousquet, Arnaud Bourdin, and Pascal Demoly
Eur Respir J 2014 44:1116-1118
http://erj.ersjournals.com/content/44/5/1116.extract

Should use of 4 hours continuous positive airway pressure per night be considered acceptable compliance?
Juan F. Masa and Jaime Corral-Peñafiel
Eur Respir J 2014 44:1119-1120
http://erj.ersjournals.com/content/44/5/1119.extract

Microvascular disease in chronic thromboembolic pulmonary hypertension: the story continues
William R. Auger and Nick H. Kim
Eur Respir J 2014 44:1121-1122
http://erj.ersjournals.com/content/44/5/1121.extract

Negative clinical trials in sarcoidosis: failed therapies or flawed study design?
David R. Moller
Eur Respir J 2014 44:1123-1126
http://erj.ersjournals.com/content/44/5/1123.extract

European Lung Corner

Implementing the European Respiratory Roadmap: halfway there?
Nadia Kamel
Eur Respir J 2014 44:1127-1129
http://erj.ersjournals.com/content/44/5/1127.extract
## ERS Task Force Report

**Expert opinion on the cough hypersensitivity syndrome in respiratory medicine**
Alyn H. Morice, Eva Millqvist, Maria G. Belvisi, et al.
*Eur Respir J* 2014 44:1132-1148
[http://erj.ersjournals.com/content/44/5/1132.abstract](http://erj.ersjournals.com/content/44/5/1132.abstract)

## Original Articles

### Cough

**A worldwide survey of chronic cough: a manifestation of enhanced somatosensory response**
Alyn H. Morice, Adam D. Jakes, Shoalb Faruqi, et al. and The Chronic Cough Registry
*Eur Respir J* 2014 44:1149-1155
[http://erj.ersjournals.com/content/44/5/1149.abstract](http://erj.ersjournals.com/content/44/5/1149.abstract)

### COPD

**Characterisation and impact of reported and unreported exacerbations: results from ATTAIN**
Paul W. Jones, Rosa Lamarca, Ferran Chuecos, et al.
*Eur Respir J* 2014 44:1156-1165
[http://erj.ersjournals.com/content/44/5/1156.abstract](http://erj.ersjournals.com/content/44/5/1156.abstract)

**Prospective validation of the endurance shuttle walking test in the context of bronchodilation in COPD**
Benoit Borel, Véronique Pepin, Donald A. Mahler et al.
*Eur Respir J* 2014 44:1166-1176
[http://erj.ersjournals.com/content/44/5/1166.abstract](http://erj.ersjournals.com/content/44/5/1166.abstract)

**Mechanisms of exercise intolerance in Global Initiative for Chronic Obstructive Lung Disease grade 1 COPD**
Jordan A. Guenette, Roberto C. Chin, Sicheng Cheng, et al.
*Eur Respir J* 2014 44:1177-1187
[http://erj.ersjournals.com/content/44/5/1177.abstract](http://erj.ersjournals.com/content/44/5/1177.abstract)

**Skeletal muscle adiposity is associated with physical activity, exercise capacity and fibre shift in COPD**
Matthew Maddocks, Dinesh Shrikrishna, Simone Vitoriano, et al.
*Eur Respir J* 2014 44:1188-1198 [OPEN ACCESS ARTICLE](http://erj.ersjournals.com/content/44/5/1188.abstract)

**Changes in physical activity and all-cause mortality in COPD**
Anouk W. Vaes, Judith Garcia-Aymerich, Jacob L. Marott, et al.
*Eur Respir J* 2014 44:1199-1209
[http://erj.ersjournals.com/content/44/5/1199.abstract](http://erj.ersjournals.com/content/44/5/1199.abstract)

**Double tracer gas single-breath washout: reproducibility in healthy subjects and COPD**
Kim Husemann, Nina Berg, Jennifer Engel, et al.
*Eur Respir J* 2014 44:1210-1222
[http://erj.ersjournals.com/content/44/5/1210.abstract](http://erj.ersjournals.com/content/44/5/1210.abstract)

## Rehabilitation

**The PROactive innovative conceptual framework on physical activity**
Fabienne Dobbels, Corina de Jong, Ellen Drost, et al., and the PROactive consortium
*Eur Respir J* 2014 44:1223-1233 [OPEN ACCESS ARTICLE](http://erj.ersjournals.com/content/44/5/1223.abstract)
Asthma

Human leukocyte antigen class II variants and adult-onset asthma: does occupational allergen exposure play a role?
Lidwien A.M. Smit, David P. Strachan, Roel Vermeulen, et al.
Eur Respir J 2014 44:1234-1242
http://erj.ersjournals.com/content/44/5/1234.abstract

Development and validation of the RAND Asthma Control Measure
Marielena Lara, Maria Orlando Edelen, Nicole K. Eberhart, Brian D. Stucky, and Cathy D. Sherbourne
Eur Respir J 2014 44:1243-1252
http://erj.ersjournals.com/content/44/5/1243.abstract

Cystic fibrosis

Cyanide levels found in infected cystic fibrosis sputum inhibit airway ciliary function
Chandrika Nair, Amelia Shoemark, Mario Chan, et al.
Eur Respir J 2014 44:1253-1261
http://erj.ersjournals.com/content/44/5/1253.abstract

Sleep

Intensive versus standard follow-up to improve continuous positive airway pressure compliance
Izolde Bouloukaki, Katerina Giannadaki, Charalampos Mermigkis, et al.
Eur Respir J 2014 44:1262-1274
http://erj.ersjournals.com/content/44/5/1262.abstract

Pulmonary vascular diseases

Microvascular disease in chronic thromboembolic pulmonary hypertension: a role for pulmonary veins and systemic vasculature
Peter Dorfmüller, Sven Günther, Maria-Rosa Ghigna, et al.
Eur Respir J 2014 44:1275-1288
http://erj.ersjournals.com/content/44/5/1275.abstract

Pulmonary infections

Mycobacterial diseases developed during anti-tumour necrosis factor-α therapy
Jung-Wan Yoo, Kyung-Wook Jo, Bo-Hyung Kang, et al.
Eur Respir J 2014 44:1289-1295
http://erj.ersjournals.com/content/44/5/1289.abstract

Sarcoidosis

Safety and efficacy of ustekinumab or golimumab in patients with chronic sarcoidosis
Marc A. Judson, Robert P. Baughman, Ulrich Costabel, et al.
Eur Respir J 2014 44:1296-1307
http://erj.ersjournals.com/content/44/5/1296.abstract

Review

Inhaled antibiotics: dry or wet?
Harm A.W.M. Tiddens, Aukje C. Bos, Johan W. Mouton, Sunalene Devadason, and Hettie M. Janssens
Eur Respir J 2014 44:1308-1318
http://erj.ersjournals.com/content/44/5/1308.abstract
Back to Basics

Interleukin-17 cytokine signalling in patients with asthma
Anders Lindén and Barbro Dahlén
Eur Respir J 2014 44:1319-1331 http://erj.ersjournals.com/content/44/5/1319.abstract

State of the Art

Number 3 in the series “Multimorbidity and the lung”: Ageing and the border between health and disease
William MacNee, Roberto A. Rabinovich, and Gourab Choudhury
Eur Respir J 2014 44:1332-1352 http://erj.ersjournals.com/content/44/5/1332.abstract

Agora

Research letters

Small airway dysfunction is associated with poorer asthma control
Arvind Manoharan, William J. Anderson, Joseph Lipworth, Ibrahim Ibrahim, and Brian J. Lipworth
Eur Respir J 2014 44:1353-1355 http://erj.ersjournals.com/content/44/5/1353.extract

Reduced lung function and the risk of out-of-hospital sudden cardiac death
Sudhir Kurl, Sae Young Jae, and Jari A. Laukkanen
Eur Respir J 2014 44:1355-1357 http://erj.ersjournals.com/content/44/5/1355.extract

Autonomic dysregulation: a mechanism of asthma death
Jaymin B. Morjaria, Tim Rowland, Puneet Tailor, Shaan Hyder, Caroline E. Wright, Simon P. Hart, and Alyn H. Morice
Eur Respir J 2014 44:1357-1360 http://erj.ersjournals.com/content/44/5/1357.extract

Low socioeconomic status is associated with worse lung function in the Danish cystic fibrosis population
David C. Taylor-Robinson, Karsten Thielen, Tania Pressler, et al.
Eur Respir J 2014 44:1363-1366 OPEN ACCESS ARTICLE http://erj.ersjournals.com/content/44/5/1363.extract

The impact of novel tests for tuberculosis depends on the diagnostic cascade
Amanda Y. Sun, Claudia M. Denkinger, and David W. Dowdy
Eur Respir J 2014 44:1366-1369 http://erj.ersjournals.com/content/44/5/1366.extract

An evaluation of the use of a negative interferon-γ release assay for tuberculosis screening before TNF antagonist therapy
Georgia Woodfield, Benjamin Passey-Heaton, Anob Chakrabarti, et al.
Eur Respir J 2014 44:1369-1372 http://erj.ersjournals.com/content/44/5/1369.extract

Prevalence, screening and treatment of latent tuberculosis among oral corticosteroid recipients
Nicholas T. Vozoris, Julie Seemangal, and Jane Batt
Eur Respir J 2014 44:1373-1375 http://erj.ersjournals.com/content/44/5/1373.extract
Hepatocyte Growth Factor Deficiency in COPD: A Mechanism of Emphysema and Small Airway Fibrosis?
Peter J. Barnes

Primary Ciliary Dyskinesia and the Heart: Cilia Breaking Symmetry
Marcus P. Kennedy; Barry J. Plant

Fibroproliferative ARDS in the Era of Low-Tidal-Volume Ventilation
Manu Jain

Simultaneous Assessment of Hepatocyte Growth Factor and Vascular Endothelial Growth Factor in Epithelial Lining Fluid From Patients With COPD
Hiroshi Kanazawa; Yoshihiro Tochino; Kazuhisa Asai; Kazuto Hirata

Five-Year Cohort Study: Emphysematous Progression of Indium-Exposed Workers
Makiko Nakano; Kazuyuki Omae; Kazuhiko Uchida; et al.

Detection of Fibroproliferation by Chest High-Resolution CT Scan in Resolving ARDS
Ellen L. Burnham; Robert C. Hyzy; Robert Paine, Ill; et al.

Long-term Outcomes After In-Hospital CPR in Older Adults With Chronic Illness
Renee D. Stapleton; William J. Ehlenbach; Richard A. Deyo; J. Randall Curtis

Effect of Oxygen and Acetazolamide on Nocturnal Cardiac Conduction, Repolarization, and Arrhythmias in Precapillary Pulmonary Hypertension and Sleep-Disturbed Breathing
Deborah S. Schumacher; Séverine Müller-Mottet; Elisabeth D. Hasler; et al.
* Chest. 2014;146(5):1226-1236. 

Controlling Asthma by Training of Capnometry-Assisted Hypoventilation (CATCH) vs Slow Breathing: A Randomized Controlled Trial
Thomas Ritz; David Rosenfield; Ashton M. Steele; Mark W. Millard; Alicia E. Meuret

Original Research: Diffuse Lung Disease
Scientific Foundations of Allergen-Specific Immunotherapy for Allergic Disease
Michael B. Soyka; Willem van de Veen; David Holzmann; Mübeccel Akdis; Cezmi A. Akdis

Recent Advances in Chest Medicine

Diagnosis and Treatment of Pulmonary Aspergillosis Syndromes
Karen C. Patterson; Mary E. Strek

Evidence-Based Medicine

Sandra Zelman Lewis; Rebecca L. Diekemper; Cynthia T. French; et al.; on behalf of the CHEST Expert Cough Panel

Selected Reports

Refractory Hypoxemia in a 23-Year-Old Patient With Budd-Chiari Syndrome
Jeroen J. H. Bunge; Ubbo S. Wiersema; Adriaan Moelker; Jasper van Bommel; Eric T. T. L. Tjwa

Bilateral Vocal Cord Paralysis Requiring Tracheostomy Due to Neuroborreliosis
Carlos D. Martinez-Balzano; Bruce Greenberg

Ultrasound Corner

An Elderly Woman That Presents With Absent Vital Signs
Robert T. Arntfield; Scott J. Millington; Edwin Wu

Pulmonary, Critical Care, and Sleep Pearls

A 70-Year-Old Man With Intraoperative Hypoxia and Hypotension During Total Hip Replacement
Mariam A. Alansari; Ahmed A. Abdulmomen

A 54-Year-Old Woman With Postextubation Stridor
Eugene Shostak; Adnan Majid; Colleen Channick

Articles from Other Journals

The effects of a physiotherapy programme on patients with a pleural effusion: a randomized controlled trial
G Valenza-Demet, MC Valenza, I Cabrera-Martos, I Torres-Sánchez, and F Revelles-Moyano
Clin Rehabil November 2014 28: 1087-1095
Abstract

The effects of elastic tubing-based resistance training compared with conventional resistance training in patients with moderate chronic obstructive pulmonary disease: a randomized clinical trial
Simvastatin in the Acute Respiratory Distress Syndrome
Daniel F. McAuley, M.D., John G. Laffey, M.D., Cecilia M. O’Kane, Ph.D., et al. and the HARP-2 Investigators, for the Irish Critical Care Trials Group

**Effectiveness of integrated disease management for primary care chronic obstructive pulmonary disease patients: results of cluster randomised trial.**
*BMJ*. 2014 Sep 10;349:g5392. doi: 10.1136/bmj.g5392. [Free PMC Article](http://www.bmj.com/content/349/bmj.g5392)

Inhaled corticosteroids and pneumonia in chronic obstructive pulmonary disease [Review Article]
Lydia Finney MD, Matthew Berry MD, Aran Singanayagam MD, et al.

**Tumour cell proliferation (Ki-67) in non-small cell lung cancer: a critical reappraisal of its prognostic role.**

**Predictive value of the international association for the study of lung cancer/American Thoracic Society/European Respiratory Society classification of lung adenocarcinoma in tumor recurrence and patient survival.**
Hung JJ, Yeh YC, Jeng WJ, Wu KJ, Huang BS, Wu YC, Chou TY, Hsu WH.

**High-dose rifapentine with moxifloxacin for pulmonary tuberculosis.**

**A four-month gatifloxacin-containing regimen for treating tuberculosis.**

**Sleep disorders in pregnancy.**
Oyiengo D, Louis M, Hott B, Bourjeily G.

**Sleep and breathing in congestive heart failure.**
Rosen D, Roux FJ, Shah N.

**Sleep in patients with restrictive lung disease.**
Won CH, Kryger M.

**Cystic fibrosis and sleep.**
Katz ES.
**Sleep in asthma.**
Khan WH, Mohsenin V, D'Ambrosio CM.

**Sleep and respiratory physiology in adults.**
Sowho M, Amatoury J, Kirkness JP, Patil SP.

**Sleep and breathing.**
Newton K, Malik V, Lee-Chiong T.

**Pneumococcal vaccine and patients with pulmonary diseases.**
Mirsaeidi M, Ebrahimi G, Allen MB, Aliberti S.

**Assessing standardization of molecular testing for non-small-cell lung cancer: results of a worldwide external quality assessment (EQA) scheme for EGFR mutation testing.**

**Getting Control of Uncontrolled Asthma**
Michael E. Wechsler
American Journal of Medicine, November 2014, 127(11), p1049–1059

**Improving Adherence for Management of Acute Exacerbation of Chronic Obstructive Pulmonary Disease**
Lindsay Sonstein, Carlos Clark, Susan Seidensticker, Li Zeng, Gulshan Sharma
American Journal of Medicine, November 2014, 127(11), p1097–1104

**Percutaneous strategies for the management of pulmonary parenchymal, chest wall, and pleural metastases.**
Al-Tariq QZ

**Can early introduction of specialized palliative care limit intensive care, emergency and hospital admissions in patients with severe and very severe COPD? a randomized study**
Weber C, Stirmann J, Herrmann FR, Pautex S, Janssens J
BMC Palliative Care 2014, 13:47 (21 October 2014)
http://www.biomedcentral.com/1472-684X/13/47/abstract

**Evidence Updates**
http://plus.mcmaster.ca/EvidenceUpdates/NewArticles.aspx?Page=1&ArticleID=60807#Data

**From NICE Medicines Awareness Weekly:**

**Chronic obstructive pulmonary disease: umeclidinium/vilanterol combination inhaler (Anoro Ellipta) - evidence summary new medicine (ESNM49)**
National Institute for Health and Care Excellence
Respiratory disorders
RCTs comparing umeclidinium/vilanterol combination inhaler with its individual components, tiotropium monotherapy and placebo, suggest it has benefits for FEV1. However, clinical relevance of these benefits is unclear and there is limited evidence on patient-orientated outcomes.

**Antibiotic strategies for eradicating Pseudomonas aeruginosa in people with cystic fibrosis.**
Langton Hewer SC, Smyth AR.

**Colobreathe (colistimethate sodium dry powder for inhalation): risk of capsule breakage—new instructions for use**
Medicines and Healthcare products Regulatory Agency
Respiratory disorders
The MHRA has received 26 Yellow Card reports of Colobreathe (colistimethate sodium) capsules shattering when pierced by their inhaler device. The manufacturer has revised the instructions for inhaler use and this should be demonstrated to patients, and the first dose supervised.

**Royal College of Physicians Report**

**COPD: Who cares? National COPD Audit Programme: Resources and organisation of care in acute NHS units in England and Wales 2014**
Royal College of Physicians
Respiratory disorders
This report presents results from the National COPD Secondary Care Audit of resources and organisation of care (results of the clinical audit are due to be published in Feb 2015). The report finds that patient care has improved but some services continue to vary widely.

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