Current Awareness Bulletin

Respiratory Medicine
October 2014

Guidelines and Guidance

**British guideline on the management of asthma**
British Thoracic Society
Respiratory disorders
This updated guideline from the British Thoracic Society and the Scottish Intercollegiate Guidelines Network provides recommendations based on current evidence for best practice in the management of asthma. Read UKMi comment

**British guideline on the management of asthma**

Journal articles

Thorax, October 2014, Volume 69, Issue 10

Editorials

Upping the impact: to (not quite!) infinity and beyond
Andrew Bush, Ian Pavord
Thorax 2014;69:890
[Extract]

HOT off the breath

Statins as adjunct therapy in COPD: how do we cope after STATCOPE?
Robert P Young, Raewyn J Hopkins, Alvar Agusti
Thorax 2014;69:891-894
[Extract]

Biomarkers of disease

Original article: Comparison of fibulin-3 and mesothelin as markers in malignant mesothelioma
Jenette Creaney, Ian M Dick, Tarek M Meniawy, et al.
Thorax 2014;69:895-902
[Abstract][Full text][PDF][Request permissions]

OPEN ACCESS
Chronic obstructive pulmonary disease

Original article: Sputum-to-serum hydrogen sulfide ratio in COPD
Junpei Saito, Alex J Mackay, Christos Rossios, et al.
Thorax 2014;69:903-909
[Abstract]

Sleep

Original article: A crossover randomised controlled trial of oral mandibular advancement devices for obstructive sleep apnoea-hypopnoea (TOMADO)
Timothy G Quinnell, Maxine Bennett, Jake Jordan, et al.
Thorax 2014;69:938-945
[Abstract][Full text][PDF][Supplementary Data][Request permissions]
Editor's choice FREE

Review

Pulmonary metastasectomy: what is the practice and where is the evidence for effectiveness?
Tom Treasure, Mišel Milošević, Francesca Fiorentino, Fergus Macbeth
Thorax 2014;69:946-949
[Abstract][Full text][PDF][Request permissions]
OPEN ACCESS

Research letters

Cardiovascular event rates in the MOSAIC trial: 2-year follow-up data
C D Turnbull, S E Craig, M Kohler, D Nicoll, J Stradling
Thorax 2014;69:950
[Abstract]

Community-based recruitment of patients with COPD into clinical research
Thorax 2014;69:951-952
[Abstract][Full text][PDF][Supplementary Data][Request permissions]
OPEN ACCESS

Chest clinic

Catherine Smith, Ibrahim Abubakar, H Lucy Thomas, Laura Anderson, Marc Lipman, Mark Reacher
Thorax 2014;69:956-958
[Abstract][Full text][PDF][Request permissions]
OPEN ACCESS

Audit, research and guideline update: Indwelling pleural catheters for non-malignant effusions: a multicentre review of practice
Rahul Bhatnagar, Elaine D Reid, John P Corcoran, et al.
Thorax 2014;69:959-961
[Abstract]

Basic science for the chest physician

Delivery of genes into the CF airway
Deborah R Gill, Stephen C Hyde
Thorax 2014;69:962-964
Pulmonary puzzles

The leak and endobronchial peek
Mohammed H AlShati
Thorax 2014;69:965-966

Case based discussions

Case-based discussion from North Tyneside General Hospital: somatostatin analogues in yellow nail syndrome associated with recurrent pleural effusions
Kristian G Brooks, Carlos Echevarria, David Cooper, Stephen C Bourke
Thorax 2014;69:967-968

Images in thorax

Calcified pulmonary chondromas in Carney's triad
Helmy Haja Mydin, Keith M Kerr, Owen Dempsey
Thorax 2014;69:969-970

American Journal of Respiratory and Critical Care Medicine
Volume 190, Issue 7 (October 1, 2014)

Bridging Genetics, Epidemiology, and Respiratory Medicine
Erik Melén
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 7: 716-718.

HIV-related Chronic Obstructive Pulmonary Disease. Are Lung CD4 T Cells Bothered?
Marc Lipman, and James Brown
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 7: 718-720.

Divergent Functions of Toll-like Receptors during Bacterial Lung Infections
Pankaj Baral, Sanjay Batra, Rachel L. Zemans, Gregory P. Downey and Samithamby Jeyaseelan,

Caring for Critically Ill Patients with Ebola Virus Disease. Perspectives from West Africa
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 7: 733-737.

Update in Pulmonary Vascular Diseases 2013
Paul M. Hassoun and Paul T. Schumacker
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 7: 738-743.

Activation-induced Cell Death Drives Profound Lung CD4+ T-Cell Depletion in HIV-associated Chronic Obstructive Pulmonary Disease
Iulia Popescu, M. Bradley Drummond, Lucio Gama, et al.
Association between Occupational Exposure and Lung Function, Respiratory Symptoms, and High-Resolution Computed Tomography Imaging in COPDGene
Nathaniel Marchetti, Eric Garshick, Gregory L. Kinney, et al., and the COPDGene Investigators
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 7: 756-762.

Fibroblast Growth Factor Receptor Inhibition Is Active against Mesothelioma and Synergizes with Radio- and Chemotherapy
Karin Schelch, Mir A. Hoda, Thomas Klikovits, et al.
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 7: 763-772.

Epidemiologic Survey of Japanese Patients with Idiopathic Pulmonary Fibrosis and Investigation of Ethnic Differences
Motoki Natsuizaka, Hirofumi Chiba, Koji Kuronuma, Mitsuo Otsuka, Kazumi Kudo, Mitsuori Mori, Masashi Bando, Yukihiko Sugiymama, and Hiroki Takahashi

Autologous Transfusion of Stored Red Blood Cells Increases Pulmonary Artery Pressure
Lorenzo Berra, Riccardo Pinciroli, Christopher P. Stowell
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 7: 800-807.

Vascular Receptor Autoantibodies in Pulmonary Arterial Hypertension Associated with Systemic Sclerosis
Mike O. Becker, Angela Kill, Marissa Kutsche, et al.
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 7: 808-817.

Protocol-based Treatment of Septic Shock, Fibrinolysis for Submassive Pulmonary Embolism, and Use of Corticosteroids in Acute Exacerbations of Chronic Obstructive Pulmonary Disease Requiring Mechanical Ventilation
Nirmal Sharma, Aida Venado, and Joshua Morrison

Disseminated Tuberculosis with Splenic Tuberculosis Abscess Rupture. A Rare Presentation
TaoQian Tang, YongHsiang Hsu, and Jen-Jyh Lee
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 7: 829-830.

Malignant Uveitis Masquerade Syndrome
Aik Hau Tan and Soon Phaik Chee
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 7: e24-e25.

Pulmonary Artery Aneurysms
Ali Ataya and Hassan Alnuaimat
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 7: e26-e27.

Inoculation of QuantiFERON-TB Tubes with Skin Microbiota Causes False-Positive Results
Rajiv L. Gaur and Niaz Banaei
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 7: 834-837.

Primary and Secondary Prevention of Chronic Obstructive Pulmonary Disease: Where to Next?
Robert P. Young, and Raewyn J. Hopkins
Groundhog Day: Airway Narrowing, Deep Inspirations, and Asthma
Robert H. Brown,
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 8: 847-848.

Lipoxins and Epoxyeicosatrienoic Acids. Potential for Inhibitors of Soluble Epoxide Hydrolase in Severe Asthma?
Kian Fan Chung
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 8: 848-850.

The Lung Microbiome in Idiopathic Pulmonary Fibrosis. What Does It Mean and What Should We Do about It?
Alison Morris, Kevin Gibson, and Ronald G. Collman
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 8: 850-852.

Obesity-related Ventilatory Phenotypes of Sleep-disordered Breathing
Jason P. Kirkness,

New Therapeutic Targets in Idiopathic Pulmonary Fibrosis. Aiming to Rein in Runaway Wound-Healing Responses
Neil Ahluwalia, Barry S. Shea, and Andrew M. Tager
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 8: 867-878.

Smooth Muscle in the Maintenance of Increased Airway Resistance Elicited by Methacholine in Humans
David G. Chapman, Chris D. Pascoe, Audrey Lee-Gosselin
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 8: 879-885.

Lipoxin Generation Is Related to Soluble Epoxide Hydrolase Activity in Severe Asthma
Emiko Ono, Stefanie Dutile, Shamsah Kazani, et al., and National Heart, Lung, and Blood Institute's Asthma Clinical Research Network
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 8: 886-897.

Pulmonary Hypertension in Cystic Fibrosis with Advanced Lung Disease
Don Hayes, Joseph D. Tobias, Heidi M. Mansour, et al.
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 8: 898-905.

The Role of Bacteria in the Pathogenesis and Progression of Idiopathic Pulmonary Fibrosis
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 8: 906-913.

Ambient Air Pollution Exposure and Incident Adult Asthma in a Nationwide Cohort of U.S. Women
Michael T. Young, Dale P. Sandler, Lisa A. DeRoo, Sverre Vedal, Joel D. Kaufman, and Stephanie J. London
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 8: 914-921.
Novel Tests for Diagnosis of Invasive Aspergillosis in Patients with Underlying Respiratory Diseases
Juergen Prattes, Holger Flick, Florian Prüller, et al.
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 8: 922-929.

Enhanced Upper-Airway Muscle Responsiveness Is a Distinct Feature of Overweight/Obese Individuals without Sleep Apnea
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 8: 930-937.

Asymptomatic HIV-infected Individuals on Antiretroviral Therapy Exhibit Impaired Lung CD4+ T-Cell Responses to Mycobacteria
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 8: 938-947.

Bosentan for Sarcoidosis-associated Pulmonary Hypertension, Age-adjusted D-Dimer Levels in Pulmonary Embolism, and Mean Arterial Blood Pressure Targets in Septic Shock
Roger A. Alvarez, Ian J. Barbash, and Jason J. Rose
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 8: 948-949.

Invasive Endobronchial Mucormycosis
Benjamin A. Ferrell and James J. Tolle

Flip-Flop Lung. An Unusual Etiology of Bronchiectasis
American Journal of Respiratory and Critical Care Medicine, Vol. 190, No. 8: e29-e29.

European Respiratory Journal
October 1, 2014; 44 (4)

Editorials

Hypertonic saline for acute viral bronchiolitis: take the evidence with a grain of salt
Jürg Barben and Claudia E. Kuehni
Eur Respir J 2014 44:827-830
http://erj.ersjournals.com/content/44/4/827.extract

Club cells, CC10 and self-control at the epithelial surface
Pieter S. Hiemstra and Arnaud Bourdin
Eur Respir J 2014 44:831-832
http://erj.ersjournals.com/content/44/4/831.extract

The COPD Assessment Test: what have we learned over its first 5 years?
Paul W. Jones
Eur Respir J 2014 44:833-834
http://erj.ersjournals.com/content/44/4/833.extract

Obstructive sleep apnoea and hypertension: the ESADA study
Connective tissue disease-associated pulmonary arterial hypertension: “Beijing style”
Lorinda Chung and Steven M. Kawut

Is inflammation a potential therapeutic target in chronic thromboembolic pulmonary hypertension?
Rozenn Quarck and Marion Delcroix
Eur Respir J 2014 44:842-845 http://erj.ersjournals.com/content/44/4/842.extract

Protein quality control in lung disease: it’s all about cloud networking
Silke Meiners and Catherine M. Greene

Lung cancer in never-smokers: radon exposure and environmental tobacco smoke
Boris B.M. Melloni

The expert patient: towards a novel definition
Jean-François Cordier

Original Articles

COPD and asthma

Common genes underlying asthma and COPD? Genome-wide analysis on the Dutch hypothesis
Joanna Smolonska, Gerard H. Koppelman, Cisca Wijmenga, et al.

COPD

The COPD assessment test: a systematic review
Nisha Gupta, Lancelot M. Pinto, Andreea Morogan, and Jean Bourbeau

Ground-based walking training improves quality of life and exercise capacity in COPD
Sally L. Wootton, L.W. Cindy Ng, Zoe J. McKeough, et al.

Asthma and smoking

Low sputum MMP-9/TIMP ratio is associated with airway narrowing in smokers with asthma
Rekha Chaudhuri, Charles McSharry, Jeffrey Brady, et al.

Lung function

All-age relationship between arm span and height in different ethnic groups
Cystic fibrosis

Pyrosequencing reveals transient cystic fibrosis lung microbiome changes with intravenous antibiotics
Eur Respir J 2014 44:905-912
http://erj.ersjournals.com/content/44/4/905.abstract

Sleep

Nocturnal intermittent hypoxia predicts prevalent hypertension in the European Sleep Apnoea Database cohort study
Ruzena Tkacova, Walter T. McNicholas, Martin Javorkayet al., on behalf of the European Sleep Apnoea Database study collaborators
Eur Respir J 2014 44:931-941
http://erj.ersjournals.com/content/44/4/931.abstract

Pulmonary vascular diseases

Trends in hospital admissions for pulmonary embolism in Spain from 2002 to 2011
Javier de Miguel-Díez, Rodrigo Jiménez-García, David Jiménez, et al.
Eur Respir J 2014 44:942-950
http://erj.ersjournals.com/content/44/4/942.abstract

Comprehensive analysis of inflammatory markers in chronic thromboembolic pulmonary hypertension patients
Diana Zabini, Akos Heinemann, Vasile Foris, et al.
Eur Respir J 2014 44:951-962
http://erj.ersjournals.com/content/44/4/951.abstract

Connective tissue disease-associated pulmonary arterial hypertension in Chinese patients
Yan-Jie Hao, Xin Jiang, Wei Zhou, et al.
Eur Respir J 2014 44:963-972
http://erj.ersjournals.com/content/44/4/963.abstract

Tuberculosis

Microscopic observation drug susceptibility assay for the diagnosis of TB and MDR-TB in HIV-infected patients: a systematic review and meta-analysis
Eur Respir J 2014 44:973-984
http://erj.ersjournals.com/content/44/4/973.abstract

Sarcoidosis

Longitudinal analysis of sarcoidosis blood transcriptomic signatures and disease outcomes
Robert Su, Michael M. Li, Nirav R. Bhakta, et al.
Eur Respir J 2014 44:985-993
http://erj.ersjournals.com/content/44/4/985.abstract

Lung cancer

Lung cancer in never-smokers: a case–control study in a radon-prone area (Galicia, Spain)
María Torres-Durán, Alberto Ruano-Ravina, Isaura Parente-Lamelas, et al.
Eur Respir J 2014 44:994-1001
http://erj.ersjournals.com/content/44/4/994.abstract
Series

Number 5 in the series “Challenges and controversies in thoracic oncology”: Tumour tissue sampling for lung cancer management in the era of personalised therapy: what is good enough for molecular testing?
Lucia Kim and Ming Sound Tsao
Eur Respir J 2014 44:1011-1022
http://erj.ersjournals.com/content/44/4/1011.abstract

Number 7 in the series “Physiology in respiratory medicine”: Gas exchange and ventilation–perfusion relationships in the lung
Johan Petersson and Robb W. Glenny
Eur Respir J 2014 44:1023-1041
http://erj.ersjournals.com/content/44/4/1023.abstract

Back to Basics

CFTR: cystic fibrosis and beyond
Marcus A. Mall and Dominik Hartl
Eur Respir J 2014 44:1042-1054
http://erj.ersjournals.com/content/44/4/1042.abstract

State of the Art

Number 2 in the series “Multimorbidity and the lung”: Ageing and the epidemiology of multimorbidity
Miguel J. Divo, Carlos H. Martinez, and David M. Mannino
Eur Respir J 2014 44:1055-1068
http://erj.ersjournals.com/content/44/4/1055.abstract

Agora

Research letters

Mechanisms of exertional dyspnoea in pulmonary veno-occlusive disease with EIF2AK4 mutations
Pierantonio Laveneziana, David Montani, Peter Dorfmüller, et al.
Eur Respir J 2014 44:1069-1072
http://erj.ersjournals.com/content/44/4/1069.extract

The concept of control in COPD: a new proposal for optimising therapy
Juan José Soler-Cataluña, Bernardino Alcázar-Navarrete, and Marc Miravitlles
Eur Respir J 2014 44:1072-1075
http://erj.ersjournals.com/content/44/4/1072.extract

RA autoantibodies as predictors of rheumatoid arthritis in non-cystic fibrosis bronchiectasis patients
Elizabeth Perry, Chris Stenton, Clive Kelly, Paul Eggleton, David Hutchinson, and Anthony De Soyza
Eur Respir J 2014 44:1082-1085
http://erj.ersjournals.com/content/44/4/1082.extract

Human-to-human transmission of Mycobacterium kansasii or victims of a shared source?
William M. Ricketts, Terence C. O’Shaughnessy, and Jakko van Ingen
Eur Respir J 2014 44:1085-1087
http://erj.ersjournals.com/content/44/4/1085.extract

Early BCG vaccination is unrelated to pulmonary immunity against Mycobacterium tuberculosis in adults
Christian Herzmann, Giovanni Sotgiu, Tom Schaberg, et al., for the German TB or Not TB Consortium
Eur Respir J 2014 44:1087-1090
http://erj.ersjournals.com/content/44/4/1087.extract
Evaluation of Xpert MTB/RIF assay performance in diagnosing extrapulmonary tuberculosis among adults in a tertiary care centre in India
Surendra K. Sharma, Mikashmi Kohli, Jigyasa Chaubey, et al.
Eur Respir J 2014 44:1090-1093
http://erj.ersjournals.com/content/44/4/1090.extract

**CHEST**: New Issue Available
October 2014; Volume 146, Number 4

**Editorials**

**Ventilator-Associated Pneumonia Prevention: We Still Have a Long Way to Go!**
Marin H. Kollef

**Smoke and Mirrors: The Perils of Water-Pipe Smoking and Implications for Western Countries**
Janice M. Leung; Don D. Sin

**From the Echo Bed to the Pulmonary Vascular Bed: Dobutamine Testing in the Noninvasive Laboratory**
Lawrence G. Rudski; Eduardo Bossone; David Langleben

**Treating the Exercise Problem in COPD**
Michael C. Steiner; Neil J. Greening

**Second Opinion**

**Candy Cigarettes**
Rob Rogers

**Evidence-Based Medicine: Commentary**

Richard S. Irwin; Cynthia T. French; Sandra Zelman Lewis; et al.; on behalf of the CHEST Expert Cough Panel

**Commentary**

**Ventilator-Associated Pneumonia Prevention Methods Using Topical Antibiotics: Herd Protection or Herd Peril?**
James C. Hurley

**Original Research: Critical Care**

**Characteristics and Outcomes of Patients Hospitalized Following Pulmonary Aspiration**
Augustine Lee; Emir Festic; Pauline K. Park; et al.; the United States Critical Illness and Injury Trials Group

**Aggressiveness of Intensive Care Use Among Patients With Lung Cancer in the Surveillance, Epidemiology, and End Results-Medicare Registry**
Colin R. Cooke; Laura C. Feemster; Renda Soylemez Wiener; Maya E. O’Neil; Christopher G. Slatore

**Original Research: COPD**
Chinese Water-Pipe Smoking and the Risk of COPD
Jun She; Ping Yang; Yuqi Wang; et al.

A Randomized Controlled Trial of Angiotensin-Converting Enzyme Inhibition for Skeletal Muscle Dysfunction in COPD
Dinesh Shrikrishna; Rebecca J. Tanner; Jen Y. Lee; et al.

Prediction of Acute Respiratory Disease in Current and Former Smokers With and Without COPD
Russell P. Bowler; Victor Kim; Elizabeth Regan; et al.; for the COPDGene investigators

Increased Levels of Osteopontin in Sputum Supernatant in Patients With COPD
Anastasia Papaporfyriou; Stelios Loukides; Konstantinos Kostikas; et al.

Original Research: Pulmonary Vascular Disease

Dobutamine Stress Echocardiography for the Assessment of Pressure-Flow Relationships of the Pulmonary Circulation
Edmund M. T. Lau; Rebecca R. Vanderpool; Preeti Choudhary; et al.

Patent Foramen Ovale and Stroke in Intermediate-Risk Pulmonary Embolism
Denis Doyen; Mathieu Castellani; Pamela Moceri; et al.

Original Research: Sleep Disorders

Diabetes Mellitus Prevalence and Control in Sleep-Disordered Breathing: The European Sleep Apnea Cohort (ESADA) Study
Brian D. Kent; Ludger Grote; Silke Ryan; et al.; on behalf of the ESADA collaborators

Original Research: Disorders of the Pleura

Comparing Cost of Indwelling Pleural Catheter vs Talc Pleurodesis for Malignant Pleural Effusion
Erika D. Penz; Eleanor K. Mishra; Helen E. Davies; Braden J. Manns; Robert F. Miller; Najib M. Rahman

Physician-Based Ultrasound-Guided Biopsy for Diagnosing Pleural Disease
Robert J. Hallifax; John P. Corcoran; Asia Ahmed; et al.

Comparison of Pleural Pressure Measuring Instruments
Hans J. Lee; Lonny Yarmus; David Kidd; et al.

Original Research: Lung Cancer

When Is a Biopsy-Proven Diagnosis Necessary Before Stereotactic Ablative Radiotherapy for Lung Cancer?: A Decision Analysis
Alexander V. Louie; Suresh Senan; Pretesh Patel; et al.

Original Research: Chest Infections

Tobacco Smoking Increases the Risk for Death From Pneumococcal Pneumonia
A 16-Year Prospective Study of Community-Onset Bacteremic Acinetobacter Pneumonia: Low Mortality With Appropriate Initial Empirical Antibiotic Protocols
Joshua S. Davis; Mark McMillan; Ashwin Swaminathan; et al.

Original Research: Diffuse Lung Disease

Fibulin-1 Predicts Disease Progression in Patients With Idiopathic Pulmonary Fibrosis
Jade Jaffar; Sofia Unger; Tamera J. Corte; et al.

Incidence and Prognostic Significance of Myocardial Late Gadolinium Enhancement in Patients With Sarcoidosis Without Cardiac Manifestation
Toshiyuki Nagai; Shun Kohsaka; Shigeo Okuda; Toshihisa Anzai; Koichiro Asano; Keiichi Fukuda

Original Research: Cardiovascular Disease

Stroke/Thromboembolism and Intracranial Hemorrhage in a Real-world Atrial Fibrillation Population: The Complications of Atrial Fibrillation in the Bologna Area (CAFBO) Study
Gualtiero Palareti; Luisa Salomone; Mario Cavazza; et al.

Medical Ethics

Brain Death and Islam: The Interface of Religion, Culture, History, Law, and Modern Medicine
Andrew C. Miller; Amna Ziad-Miller; Elamin M. Elamin

Contemporary Reviews in Critical Care Medicine

Preventing ARDS: Progress, Promise, and Pitfalls
Jeremy R. Beitler; David A. Schoenfeld; B. Taylor Thompson

Contemporary Reviews in Sleep Medicine

Sleep Apnea and the Kidney: Is Sleep Apnea a Risk Factor for Chronic Kidney Disease?
Patrick J. Hanly; Sofia B. Ahmed

Ultrasound Corner

A 72-Year-Old Man Presenting With Melena and Multiple Falls Becomes Acutely Decompensated
Ryu Tofts; Pierre Kory; Samuel Acquah

Pulmonary, Critical Care, and Sleep Pearls

A 40-Year-Old Woman With Multilobar Nodular Densities and Massive Hemoptysis
Jeffrey Albores; Joanne Bando; Igor Barjaktarevic
A 60-Year-Old Woman With PET Scan-Avid Lung Nodules and a History of a Ruptured Silicone Breast Implant
Lioudmila V. Karnatovskaia; Andras Khoor; Margaret M. Johnson; Joseph Kaplan

Articles from Other Journals

Withdrawal of Inhaled Glucocorticoids and Exacerbations of COPD
Helgo Magnusen, Bernd Disse, Roberto Rodriguez-Roisin, et al.for the WISDOM Investigators

Management and prevention of exacerbations of COPD.
Aaron SD.
BMJ. 2014 Sep 22;349:g5237. Review.
Free Article

Inhaled corticosteroids and pneumonia in chronic obstructive pulmonary disease.
Finney L, Berry M, Singanayagam A, Elkin SL, Johnston SL, Mallia P.

Continuous positive airway pressure in older people with obstructive sleep apnoea syndrome (PREDICT): a 12-month, multicentre, randomised trial
Alison McMillan, Daniel J Bratton, Rita Faria, et al., on behalf of the PREDICT Investigators
The Lancet Respiratory Medicine, Volume 2, Issue 10, Pages 804 - 812, October 2014
http://www.thelancet.com/journals/lanres/article/PIIS2213-2600(14)70172-9/fulltext

Evidence Updates

From NICE Medicines Awareness Weekly:
Inhaled mannitol for non-cystic fibrosis bronchiectasis: a randomised, controlled trial
Thorax
Respiratory disorders
Twice daily mannitol did not lead to a significant reduction in the exacerbation rate in patients with mild to moderate bronchiectasis. However improvements were noted in time to first exacerbation, duration of antibiotic use and quality of life, and therapy was well tolerated.

Aclidinium bromide for stable chronic obstructive pulmonary disease
Cochrane Database of Systematic Reviews
Respiratory disorders
Aclidinium is linked to improved QoL and reduced hospitalisations due to severe exacerbations in patients with moderate-severe stable COPD vs. placebo. Overall, it did not significantly reduce mortality, serious ADRs or exacerbations requiring oral steroids/antibiotics/both.

Antioxidant supplementation for lung disease in cystic fibrosis.
Ciofu O, Lykkesfeldt J.

Glucocorticoid with cyclophosphamide for paraquat-induced lung fibrosis.
Li LR, Sydenham E, Chaudhary B, Beecher D, You C.
**Pneumococcal vaccines for cystic fibrosis.**
Burgess L, Southern KW.

**Disclaimer**
The information published in this bulletin is not intended to be exhaustive, and while Library staff make every effort to link only to reputable and reliable websites, the information contained in this bulletin has not been critically appraised by Library staff and it is therefore the responsibility of the reader to appraise this information for accuracy and relevance.