

Web of Science™

383 record(s) printed from Clarivate Web of Science

Record 1 of 383

Title: Rapid deposition analysis of inhaled aerosols in human airways

Author(s): Sadafi, H (Sadafi, Hosein); De Backer, W (De Backer, Wilfried); Krestin, G (Krestin, Gabriel); De Backer, J (De Backer, Jan)

Source: SCIENTIFIC REPORTS **Volume:** 14 **Issue:** 1 **Article Number:** 24965 **DOI:** 10.1038/s41598-024-75578-9 **Published Date:** 2024 OCT 23

PubMed ID: 39443597

ISSN: 2045-2322

Record 2 of 383

Title: Exploring the link between a novel approach for computer aided lung sound analysis and imaging biomarkers: a cross-sectional study

Author(s): Lauwers, E (Lauwers, Eline); Stas, T (Stas, Toon); Mclane, I (Mclane, Ian); Snoeckx, A (Snoeckx, Annemiek); Van Hoorenbeeck, K (Van Hoorenbeeck, Kim); De Backer, W (De Backer, Wilfried); Ides, K (Ides, Kris); Steckel, J (Steckel, Jan); Verhulst, S (Verhulst, Stijn)

Source: RESPIRATORY RESEARCH **Volume:** 25 **Issue:** 1 **Article Number:** 177 **DOI:** 10.1186/s12931-024-02810-5 **Published Date:** 2024 APR 24

PubMed ID: 38658980

eISSN: 1465-993X

Record 3 of 383

Title: Validation of computational fluid dynamics models for airway deposition with SPECT data of the same population

Author(s): Sadafi, H (Sadafi, Hosein); Tousi, NM (Tousi, Navid Monshi); De Backer, W (De Backer, Wilfried); De Backer, J (De Backer, Jan)

Source: SCIENTIFIC REPORTS **Volume:** 14 **Issue:** 1 **Article Number:** 5492 **DOI:** 10.1038/s41598-024-56033-1 **Published Date:** 2024 MAR 6

PubMed ID: 38448648

ISSN: 2045-2322

Record 4 of 383

Title: Personalized pulmonary rehabilitation program for patients with post-acute sequelae of COVID-19: A proof-of-concept retrospective study

Author(s): Dierckx, W (Dierckx, Wendel); De Backer, W (De Backer, Wilfried); De Meyer, Y (De Meyer, Yinka); Lauwers, E (Lauwers, Eline); Franck, E (Franck, Erik); De Backer, J (De Backer, Jan); Ides, K (Ides, Kris)

Source: PHYSIOLOGICAL REPORTS **Volume:** 12 **Issue:** 3 **Article Number:** e15931 **DOI:**

10.14814/phy2.15931 **Published Date:** 2024 FEB

PubMed ID: 38296347

ISSN: 2051-817X

Record 5 of 383

Title: Convolutional Neural Network for the Detection of Respiratory Crackles

Author(s): Stas, T (Stas, Toon); Lauwers, E (Lauwers, Eline); Ides, K (Ides, Kris); Verhulst, S (Verhulst, Stijn); Delputte, P (Delputte, Peter); Steckel, J (Steckel, Jan)

Source: IEEE ACCESS **Volume:** 12 **Pages:** 147301-147309 **DOI:**

10.1109/ACCESS.2024.3472839 **Published Date:** 2024

ISSN: 2169-3536

Record 6 of 383

Title: The effect of inhaled extrafine beclometasone dipropionate/formoterol fumarate/glycopyrronium bromide on distal and central airway indices, assessed using Functional Respiratory Imaging in COPD (DARWiIN)

Author(s): Skloot, GS (Skloot, Gwen S.); Guasconi, A (Guasconi, Alessandro); Lavon, BR (Lavon, Benjamin R.); Georges, G (Georges, George); De Backer, W (De Backer, Wilfried); Galkin, D (Galkin, Dmitry); Cortellini, M (Cortellini, Mauro); Panni, I (Panni, Ilaria); Bates, JHT (Bates, Jason H. T.)

Source: RESPIRATORY RESEARCH **Volume:** 24 **Issue:** 1 **Article Number:** 244 **DOI:**

10.1186/s12931-023-02549-5 **Published Date:** 2023 OCT 6

PubMed ID: 37803368

eISSN: 1465-993X

Record 7 of 383

Title: Effect of benralizumab on small airway dysfunction using functional respiratory imaging in patients with severe eosinophilic asthma

Author(s): Conemans, L (Conemans, Lennart); Crutsen, M (Crutsen, Mieke); Dierckx, W (Dierckx, Wendel); Simons, S (Simons, Sami); Spruit, M (Spruit, Martijn); Hajian, B (Hajian, Bitā)

Source: EUROPEAN RESPIRATORY JOURNAL **Volume:** 62 **DOI:** 10.1183/13993003.congress-2023.PA2289 **Published Date:** 2023 SEP 9 **Supplement:** 67

ISSN: 0903-1936

eISSN: 1399-3003

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Title: The effect of rehabilitation on total lung volume and blood vessel volumes in long covid

Author(s): Dierckx, W (Dierckx, Wendel); Ides, K (Ides, Kris); De Meyer, Y (De Meyer, Yinka); Franck, E (Franck, Erik); Lauwers, E (Lauwers, Eline); Lavon, B (Lavon, Benjamin); De Backer, J (De Backer, Jan); Hajian, B (Hajian, Bitā); De Backer, W (De Backer, Wilfried)

Source: EUROPEAN RESPIRATORY JOURNAL **Volume:** 62 **Article Number:** PA1805 **DOI:**

10.1183/13993003.congress-2023.PA1805 **Published Date:** 2023 SEP 9 **Supplement:** 67

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eISSN: 1399-3003

Record 9 of 383

Title: Pulmonary vascular volume distribution and oxygen saturation during exercise in patients with post-acute sequelae of COVID-19 (PASC)

Author(s): Ides, K (Ides, Kris); Dierckx, W (Dierckx, Wendel); De Meyer, Y (De Meyer, Yinka); Franck, E (Franck, Erik); Lauwers, E (Lauwers, Eline); Lavon, B (Lavon, Ben); De Backer, J (De Backer, Jan); Hajian, B (Hajian, Bitia); De Backer, W (De Backer, Wilfried)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** PA1177 **Volume:** 62 **DOI:** 10.1183/13993003.congress-2023.PA1177 **Published Date:** 2023 SEP 9 **Supplement:** 67

ISSN: 0903-1936

eISSN: 1399-3003

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Title: Can ventilator's built-in software predict hypercapnia or desaturation in children on chronic non-invasive ventilation? A retrospective study

Author(s): Paulussen, J (Paulussen, Jolien); Mentens, X (Mentens, Xante); Vanhees, J (Vanhees, Janne); Installé, S (Installe, Sophie); Van Ostaeyen, A (Van Ostaeyen, Anse); Ides, K (Ides, Kris); Jouret, N (Jouret, Nathalie); Van Hoorenbeeck, K (Van Hoorenbeeck, Kim); Verhulst, S (Verhulst, Stijn)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** PA2103 **Volume:** 62 **DOI:** 10.1183/13993003.congress-2023.PA2103 **Published Date:** 2023 SEP 9 **Supplement:** 67

ISSN: 0903-1936

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Record 11 of 383

Title: Unraveling pathophysiologic mechanisms contributing to symptoms in patients with post-acute sequelae of COVID-19 (PASC): A retrospective study

Author(s): Dierckx, W (Dierckx, Wendel); De Backer, W (De Backer, Wilfried); Ides, K (Ides, Kris); De Meyer, Y (De Meyer, Yinka); Lauwers, E (Lauwers, Eline); Franck, E (Franck, Erik); De Backer, J (De Backer, Jan)

Source: PHYSIOLOGICAL REPORTS **Volume:** 11 **Issue:** 12 **Article Number:** e15754 **DOI:** 10.14814/phy2.15754 **Published Date:** 2023 JUN

PubMed ID: 37344757

ISSN: 2051-817X

Record 12 of 383

Title: Quantitative CT Analysis With Functional Respiratory Imaging Detects Objective Pulmonary Abnormalities in Subject With History of Exposure to Military Burn Pits

Author(s): De Backer, J (De Backer, J.); De Backer, W (De Backer, W.); Lavon, B (Lavon, B.); Lechtzin, N (Lechtzin, N.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A1839 **Volume:** 207 **Published Date:** 2023 MAY 1 **Supplement:** S

ISSN: 1073-449X

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Record 13 of 383

Title: The Effect of a Personalized Rehab Program in Long COVID on Physical Fitness, Dyspnea and Quality of Life

Author(s): De Meyer, Y (De Meyer, Y.); Ides, K (Ides, K.); Dierckx, W (Dierckx, W.); Lauwers, E (Lauwers, E.); De Backer, W (De Backer, W.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**

Abstract: A2166 **Volume:** 207 **Published Date:** 2023 MAY 1 **Supplement:** S

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Record 14 of 383

Title: Effect of Total Lung Capacity on the Pulmonary Vasculature in COPD Patients

Author(s): Dierckx, W (Dierckx, W.); Ides, K (Ides, K.); De Meyer, Y (De Meyer, Y.); Deckers, F (Deckers, F.); De Backer, J (De Backer, J.); Lavon, BR (Lavon, B. R.); Franck, E (Franck, E.); De Backer, W (De Backer, W.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**

Abstract: A2703 **Volume:** 207 **Published Date:** 2023 MAY 1 **Supplement:** S

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Record 15 of 383

Title: Changes in Lung Function Following Personalized Pulmonary Rehabilitation Programs in Patients With Post-Acute Sequelae of COVID-19 (PASC)

Author(s): Dierckx, W (Dierckx, W.); Ides, K (Ides, K.); De Meyer, Y (De Meyer, Y.); De Backer, J (De Backer, J.); Lavon, BR (Lavon, B. R.); Franck, E (Franck, E.); De Backer, W (De Backer, W.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**

Abstract: A2159 **Volume:** 207 **Published Date:** 2023 MAY 1 **Supplement:** S

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eISSN: 1535-4970

Record 16 of 383

Title: Factors Contributing to Exercise Induced CO₂ Retention in COPD Patients

Author(s): Dierckx, W (Dierckx, W.); Ides, K (Ides, K.); De Meyer, Y (De Meyer, Y.); Lauwers, E (Lauwers, E.); De Backer, J (De Backer, J.); Lavon, B (Lavon, B.); Franck, E (Franck, E.); De Backer, W (De Backer, W.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**

Abstract: A2704 **Volume:** 207 **Published Date:** 2023 MAY 1 **Supplement:** S

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Record 17 of 383

Title: Pulmonary Vascular Effects of a Personalized Rehab Program in Patients With Post-Acute Sequelae of COVID-19 (PASC)

Author(s): Dierckx, W (Dierckx, W.); Ides, K (Ides, K.); De Meyer, Y (De Meyer, Y.); Deckers, F (Deckers, F.); De Backer, J (De Backer, J.); Lavon, BR (Lavon, B. R.); Franck, E (Franck, E.); De

Backer, W (De Backer, W.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A5552 **Volume:** 207 **Published Date:** 2023 MAY 1 **Supplement:** S

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eISSN: 1535-4970

Record 18 of 383

Title: Hyperventilation in Long COVID Patients Is Part of the Clinical Picture

Author(s): Ides, K (Ides, K.); De Meyer, Y (De Meyer, Y.); Dierckx, W (Dierckx, W.); Lauwers, E (Lauwers, E.); De Backer, W (De Backer, W.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A2156 **Volume:** 207 **Published Date:** 2023 MAY 1 **Supplement:** S

ISSN: 1073-449X

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Record 19 of 383

Title: The Influence of Body Position on Aerosol Deposition in Healthy Subjects Using Functional Respiratory Imaging

Author(s): Lauwers, E (Lauwers, E.); Sadafi, H (Sadafi, H.); Lanclus, M (Lanclus, M.); Dierckx, W (Dierckx, W.); De Backer, W (De Backer, W.); Ides, K (Ides, K.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A4723 **Volume:** 207 **Published Date:** 2023 MAY 1 **Supplement:** S

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Record 20 of 383

Title: Computer Aided Lung Sound Analysis to Detect Acute Effects of Airway Clearance Techniques in Patients With Cystic Fibrosis

Author(s): Lauwers, E (Lauwers, E.); Stas, T (Stas, T.); McLane, I (McLane, I.); Van Hoorenbeeck, K (Van Hoorenbeeck, K.); Ides, K (Ides, K.); Steckel, J (Steckel, J.); Verhulst, SL (Verhulst, S. L.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A5947 **Volume:** 207 **Published Date:** 2023 MAY 1 **Supplement:** S

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Record 21 of 383

Title: A Novel Approach for Computer Aided Lung Sound Analysis in Relation to Imaging Biomarkers in Cystic Fibrosis

Author(s): Lauwers, E (Lauwers, E.); Stas, T (Stas, T.); McLane, I (McLane, I.); Snoeckx, A (Snoeckx, A.); Dierckx, W (Dierckx, W.); Van Hoorenbeeck, K (Van Hoorenbeeck, K.); De Backer, W (De Backer, W.); Ides, K (Ides, K.); Steckel, J (Steckel, J.); Verhulst, SL (Verhulst, S. L.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A2314 **Volume:** 207 **Published Date:** 2023 MAY 1 **Supplement:** S

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eISSN: 1535-4970

Record 22 of 383

Title: Predicting hypercapnia and hypoxia by the ventilator's built-in software in children on long-term non-invasive ventilation: A pilot study

Author(s): Mentens, X (Mentens, Xante); Vanhees, J (Vanhees, Janne); Paulussen, J (Paulussen, Jolien); Installe, S (Installe, Sophie); Van Ostaeyen, A (Van Ostaeyen, Anse); Ides, K (Ides, Kris); Jouret, N (Jouret, Nathalie); Van Hoorenbeeck, K (Van Hoorenbeeck, Kim); Verhulst, S (Verhulst, Stijn)

Source: FRONTIERS IN PEDIATRICS **Volume:** 11 **Article Number:** 1158396 **DOI:** 10.3389/fped.2023.1158396 **Published Date:** 2023 APR 24

PubMed ID: 37168806

ISSN: 2296-2360

Record 23 of 383

Title: ModAu: Modernized Auscultation

Author(s): Laurijssen, D (Laurijssen, Dennis); Stas, T (Stas, Toon); Baeyens, R (Baeyens, Rens); Ides, K (Ides, Kris); Delputte, P (Delputte, Peter); Verhulst, S (Verhulst, Stijn); Daems, W (Daems, Walter); Steckel, J (Steckel, Jan)

Book Group Author(s): IEEE

Source: 2023 IEEE SENSORS **Book Series:** IEEE Sensors **DOI:** 10.1109/SENSORS56945.2023.10325258 **Published Date:** 2023

ISSN: 1930-0395

ISBN: 979-8-3503-0387-2

Record 24 of 383

Title: Perspectives and Attitudes of General Practitioners Towards Pharmacological and Non-Pharmacological COPD Management in a Belgian Primary Care Setting: A Qualitative Study

Author(s): Leemans, G (Leemans, Glenn); Vissers, D (Vissers, Dirk); Ides, K (Ides, Kris); Van Royen, P (Van Royen, Paul)

Source: INTERNATIONAL JOURNAL OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE **Volume:** 18 **Pages:** 2105-2115 **DOI:** 10.2147/COPD.S423279 **Published Date:** 2023

PubMed ID: 37786896

ISSN: 1178-2005

Record 25 of 383

Title: The effect of posture on airflow distribution, airway geometry and air velocity in healthy subjects

Author(s): Ides, KM (Ides, Kris M. M.); De Backer, WA (De Backer, Wilfried A. A.); Lanclus, M (Lanclus, Maarten); Leemans, G (Leemans, Glenn); Dierckx, W (Dierckx, Wendel); Lauwers, E (Lauwers, Eline); Vissers, D (Vissers, Dirk); Steckel, J (Steckel, Jan); De Backer, JW (De Backer, Jan W. W.)

Source: BMC PULMONARY MEDICINE **Volume:** 22 **Issue:** 1 **Article Number:** 477 **DOI:** 10.1186/s12890-022-02276-5 **Published Date:** 2022 DEC 15

PubMed ID: 36522658

ISSN: 1471-2466

Record 26 of 383

Title: CT-derived measurements of pulmonary blood volume in small vessels and the need for supplemental oxygen in COVID-19 patients

Author(s): Dierckx, W (Dierckx, Wendel); De Backer, W (De Backer, Wilfried); Lins, M (Lins, Muriel); De Meyer, Y (De Meyer, Yinka); Ides, K (Ides, Kris); Vandevenne, J (Vandevenne, Jan); De Backer, J (De Backer, Jan); Franck, E (Franck, Erik); Lavon, B (Lavon, Ben R.); Lanclus, M (Lanclus, Maarten); Thillai, M (Thillai, Muhunthan)

Source: JOURNAL OF APPLIED PHYSIOLOGY **Volume:** 133 **Issue:** 6 **Pages:** 1295-1299 **DOI:** 10.1152/jappphysiol.00458.2022 **Published Date:** 2022 DEC

PubMed ID: 36269576

ISSN: 8750-7587

eISSN: 1522-1601

Record 27 of 383

Title: EFFECTS OF BENRALIZUMAB ON AIRWAY DYNAMICS IN SEVERE EOSINOPHILIC ASTHMA USING FUNCTIONAL RESPIRATORY IMAGING PARAMETERS: THE BURAN STUDY DESIGN

Author(s): Genofre, EH (Genofre, Eduardo H.); Rhodes, K (Rhodes, Kirsty); Muchmore, P (Muchmore, Patrick); Shih, V (Shih, Vivian); Carstens, DD (Carstens, Donna D.); De Backer, W (De Backer, Wilfried); Panettieri, RA (Panettieri, Reynold A.); Trudo, F (Trudo, Frank)

Source: CHEST **Volume:** 162 **Issue:** 4 **Pages:** 1A-5A **DOI:** 10.1016/j.chest.2022.08.007 **Early Access Date:** OCT 2022 **Published Date:** 2022 OCT **Supplement:** S

ISSN: 0012-3692

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Record 28 of 383

Title: Transcutaneous PCO₂ (TcPCO₂) in COPD patients during incremental exercise test (IET)

Author(s): Dierckx, W (Dierckx, W.); Ides, K (Ides, K.); De Meyer, Y (De Meyer, Y.); Lauwers, E (Lauwers, E.); Franck, E (Franck, E.); De Backer, W (De Backer, W.)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 2524 **Volume:** 60 **DOI:** 10.1183/13993003.congress-2022.2524 **Published Date:** 2022 SEP 4 **Supplement:** 66

ISSN: 0903-1936

eISSN: 1399-3003

Record 29 of 383

Title: The role of vascular density in pulmonary rehabilitation of PASC patients

Author(s): Ides, K (Ides, K.); Dierckx, W (Dierckx, W.); De Meyer, Y (De Meyer, Y.); Lauwers, E (Lauwers, E.); Lanclus, M (Lanclus, M.); De Backer, J (De Backer, J.); De Backer, W (De Backer, W.)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 2868 **Volume:** 60 **DOI:** 10.1183/13993003.congress-2022.2868 **Published Date:** 2022 SEP 4 **Supplement:** 66

ISSN: 0903-1936

eISSN: 1399-3003

Record 30 of 383

Title: Digital lung sound characteristics related to airflow turbulence intensity: a methodological proof-of-concept

Author(s): Lauwers, E (Lauwers, E.); Stas, T (Stas, T.); Sadafi, H (Sadafi, H.); Joao, R (Joao, R.); McLane, I (McLane, I.); Dierckx, W (Dierckx, W.); Van Hoorenbeeck, K (Van Hoorenbeeck, K.); Steckel, J (Steckel, J.); De Backer, W (De Backer, W.); Verhulst, S (Verhulst, S.); Ides, K (Ides, K.)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 2050 **Volume:** 60 **DOI:** 10.1183/13993003.congress-2022.2050 **Published Date:** 2022 SEP 4 **Supplement:** 66

ISSN: 0903-1936

eISSN: 1399-3003

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Title: Comprehensive Analysis System for Automated Respiratory Cycle Segmentation and Crackle Peak Detection

Author(s): McLane, I (McLane, Ian); Lauwers, E (Lauwers, Eline); Stas, T (Stas, Toon); Busch-Vishniac, I (Busch-Vishniac, Ilene); Ides, K (Ides, Kris); Verhulst, S (Verhulst, Stijn); Steckel, J (Steckel, Jan)

Source: IEEE JOURNAL OF BIOMEDICAL AND HEALTH INFORMATICS **Volume:** 26 **Issue:** 4 **Pages:** 1847-1860 **DOI:** 10.1109/JBHI.2021.3123353 **Published Date:** 2022 APR

PubMed ID: 34705660

ISSN: 2168-2194

eISSN: 2168-2208

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Title: Functional imaging improves patient selection for mandibular advancement device treatment outcome in sleep-disordered breathing: a prospective study

Author(s): Van Gaver, H (Van Gaver, Helene); de Beeck, SO (de Beeck, Sara Op); Dieltjens, M (Dieltjens, Marijke); De Backer, J (De Backer, Jan); Verbraecken, J (Verbraecken, Johan); De Backer, WA (De Backer, Wilfried A.); Van de Heyning, PH (Van de Heyning, Paul H.); Braem, MJ (Braem, Marc J.); Vanderveken, OM (Vanderveken, Olivier M.)

Source: JOURNAL OF CLINICAL SLEEP MEDICINE **Volume:** 18 **Issue:** 3 **Pages:** 739-750 **DOI:** 10.5664/jcsm.9694 **Published Date:** 2022 MAR 1

PubMed ID: 34608859

ISSN: 1550-9389

eISSN: 1550-9397

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Title: Pulmonary complications in children with Down syndrome: A scoping review

Author(s): De Lausnay, M (De Lausnay, Mariska); Ides, K (Ides, Kris); Wojciechowski, M (Wojciechowski, Mark); Boudewyns, A (Boudewyns, An); Verhulst, S (Verhulst, Stijn); Van Hoorenbeeck, K (Van Hoorenbeeck, Kim)

Source: PAEDIATRIC RESPIRATORY REVIEWS **Volume:** 40 **Pages:** 65-72 **DOI:** 10.1016/j.prrv.2021.04.006 **Early Access Date:** NOV 2021 **Published Date:** 2021 DEC

PubMed ID: 34148805

ISSN: 1526-0542

eISSN: 1526-0550

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Title: Lung deposition and distribution of inhaled extra fine beclomethasone dipropionate / formoterol fumarate /glycopyrronium bromide (BDP/FF/GB) in subjects with and without airflow obstruction

Author(s): Baldi, S (Baldi, Simonetta); Usmani, O (Usmani, Omar); Warren, S (Warren, Simon); Panni, I (Panni, Ilaria); Girardello, L (Girardello, Luca); Rony, F (Rony, Francois); Taylor, G (Taylor, Glyn); De Backer, W (De Backer, Wilfried); Georges, G (Georges, George)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** PA3396 **Volume:** 58 **DOI:** 10.1183/13993003.congress-2021.PA3396 **Published Date:** 2021 SEP 5 **Supplement:** 65

ISSN: 0903-1936

eISSN: 1399-3003

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Title: Clinical validity of functional respiratory imaging in cystic fibrosis: a cross-sectional study

Author(s): Lauwers, E (Lauwers, Eline); Snoeckx, A (Snoeckx, Annemiek); Ides, K (Ides, Kris); Van Hoorenbeeck, K (Van Hoorenbeeck, Kim); Lanclus, M (Lanclus, Maarten); De Backer, W (De Backer, Wilfried); De Backer, J (De Backer, Jan); Verhulst, S (Verhulst, Stijn)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** PA1071 **Volume:** 58 **DOI:** 10.1183/13993003.congress-2021.PA1071 **Published Date:** 2021 SEP 5 **Supplement:** 65

ISSN: 0903-1936

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Title: The short-term effects of ORKAMBI (lumacaftor/ivacaftor) on regional and distal lung structures using functional respiratory imaging

Author(s): Lauwers, E (Lauwers, Eline); Belmans, D (Belmans, Dennis); Mignot, B (Mignot, Benjamin); Ides, K (Ides, Kris); Van Hoorenbeeck, K (Van Hoorenbeeck, Kim); Snoeckx, A (Snoeckx, Annemiek); Van Holsbeke, C (Van Holsbeke, Cedric); Nowé, V (Nowe, Vicky); Van Braeckel, E (Van Braeckel, Eva); De Backer, W (De Backer, Wilfried); De Backer, J (De Backer, Jan); Verhulst, S (Verhulst, Stijn)

Source: THERAPEUTIC ADVANCES IN RESPIRATORY DISEASE **Volume:** 15 **Article Number:** 17534666211046774 **DOI:** 10.1177/17534666211046774 **Published Date:** 2021 SEP

PubMed ID: 34541955

ISSN: 1753-4658

eISSN: 1753-4666

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Title: Functional respiratory imaging in relation to classical outcome measures in cystic fibrosis: a cross-sectional study

Author(s): Lauwers, E (Lauwers, Eline); Snoeckx, A (Snoeckx, Annemiek); Ides, K (Ides, Kris); Van Hoorenbeeck, K (Van Hoorenbeeck, Kim); Lanclus, M (Lanclus, Maarten); De Backer, W (De Backer, Wilfried); De Backer, J (De Backer, Jan); Verhulst, S (Verhulst, Stijn)

Source: BMC PULMONARY MEDICINE **Volume:** 21 **Issue:** 1 **Article Number:** 256 **DOI:** 10.1186/s12890-021-01622-3 **Published Date:** 2021 AUG 4

PubMed ID: 34348676

ISSN: 1471-2466

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Title: Functional respiratory imaging assessment of budesonide/glycopyrrolate/formoterol fumarate and glycopyrrolate/formoterol fumarate metered dose inhalers in patients with COPD: the value of inhaled corticosteroids

Author(s): van den Berge, M (van den Berge, Maarten); De Backer, J (De Backer, Jan); van Holsbeke, C (van Holsbeke, Cedric); De Backer, W (De Backer, Wilfried); Trivedi, R (Trivedi, Roopa); Jenkins, M (Jenkins, Martin); Dorinsky, P (Dorinsky, Paul); Aurivillius, M (Aurivillius, Magnus)

Source: RESPIRATORY RESEARCH **Volume:** 22 **Issue:** 1 **Article Number:** 191 **DOI:** 10.1186/s12931-021-01772-2 **Published Date:** 2021 JUL 1

PubMed ID: 34210340

eISSN: 1465-993X

Record 39 of 383

Title: Ventilation Heterogeneity Analysis Through Functional Respiratory Imaging (FRI) Shows Significant Defects in Chronic Obstructive Pulmonary Disease (COPD) Patients Compared to Healthy Data

Author(s): Bonte, S (Bonte, S.); Lanclus, M (Lanclus, M.); Van Holsbeke, C (Van Holsbeke, C.); De Backer, J (De Backer, J.); De Backer, W (De Backer, W.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A4582 **Volume:** 203 **Issue:** 9 **Published Date:** 2021 MAY 1 **Supplement:** S

ISSN: 1073-449X

eISSN: 1535-4970

Record 40 of 383

Title: Functional respiratory imaging identifies redistribution of pulmonary blood flow in patients with COVID-19

Author(s): Thillai, M (Thillai, Muhunthan); Patvardhan, C (Patvardhan, Chinmay); Swietlik, EM (Swietlik, Emilia M.); McLellan, T (McLellan, Tom); De Backer, J (De Backer, Jan); Lanclus, M (Lanclus, Maarten); De Backer, W (De Backer, Wilfried); Ruggiero, A (Ruggiero, Alessandro)

Source: THORAX **Volume:** 76 **Issue:** 2 **Pages:** 182-184 **DOI:** 10.1136/thoraxjnl-2020-215395 **Published Date:** 2021 FEB

PubMed ID: 32859733

ISSN: 0040-6376

eISSN: 1468-3296

Record 41 of 383

Title: Interstitial lung disease in systemic sclerosis quantification of disease classification and progression with high-resolution computed tomography: An observational study

Author(s): Clukers, J (Clukers, Johan); Lanclus, M (Lanclus, Maarten); Belmans, D (Belmans, Dennis); Van Holsbeke, C (Van Holsbeke, Cedric); De Backer, W (De Backer, Wilfried); Vummidi, D (Vummidi, Dharshan); Cronin, P (Cronin, Paul); Lavon, B (Lavon, Ben R.); De Backer, J (De Backer, Jan); Khanna, D (Khanna, Dinesh)

Source: JOURNAL OF SCLERODERMA AND RELATED DISORDERS **Volume:** 6 **Issue:** 2 **Pages:** 154-164 **Article Number:** 2397198320985377 **DOI:** 10.1177/2397198320985377 **Early Access Date:** JAN 2021 **Published Date:** 2021 JUN

PubMed ID: 35386737

ISSN: 2397-1983

eISSN: 2397-1991

Record 42 of 383

Title: Economic Evaluation of Vaccines: Belgian Reflections on the Need for a Broader Perspective

Author(s): Annemans, L (Annemans, Lieven); Beutels, P (Beutels, Philippe); Bloom, DE (Bloom, David E.); De Backer, W (De Backer, Wilfried); Ethgen, O (Ethgen, Olivier); Luyten, J (Luyten, Jeroen); Van Wilder, P (Van Wilder, Philippe); Willem, L (Willem, Lander); Simoens, S (Simoens, Steven)

Source: VALUE IN HEALTH **Volume:** 24 **Issue:** 1 **Pages:** 105-111 **DOI:** 10.1016/j.jval.2020.09.005 **Early Access Date:** JAN 2021 **Published Date:** 2021 JAN

PubMed ID: 33431141

ISSN: 1098-3015

eISSN: 1524-4733

Record 43 of 383

Title: An Inhaled PI3K δ Inhibitor Improves Recovery in Acutely Exacerbating COPD Patients: A Randomized Trial

Author(s): Cahn, A (Cahn, Anthony); Hamblin, JN (Hamblin, J. Nicole); Robertson, J (Robertson, Jon); Begg, M (Begg, Malcolm); Jarvis, E (Jarvis, Emily); Wilson, R (Wilson, Robert); Dear, G (Dear, Gordon); Leemereise, C (Leemereise, Claudia); Cui, Y (Cui, Yi); Mizuma, M (Mizuma, Maki); Montembault, M (Montembault, Mickael); Van Holsbeke, C (Van Holsbeke, Cedric); Vos, W (Vos, Wim); De Backer, W (De Backer, Wilfried); De Backer, J (De Backer, Jan); Hessel, EM (Hessel, Edith M.)

Source: INTERNATIONAL JOURNAL OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE **Volume:** 16 **Pages:** 1607-1619 **DOI:** 10.2147/COPD.S309129 **Published Date:** 2021

PubMed ID: 34113093

ISSN: 1178-2005

Record 44 of 383

Title: Consistent Pulmonary Drug Delivery with Whole Lung Deposition Using the Aerosphere Inhaler: A Review of the Evidence

Author(s): Usmani, OS (Usmani, Omar S.); Roche, N (Roche, Nicolas); Jenkins, M (Jenkins, Martin); Stjepanovic, N (Stjepanovic, Neda); Mack, P (Mack, Peter); De Backer, W (De Backer, Wilfried)

Source: INTERNATIONAL JOURNAL OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE **Volume:** 16 **Pages:** 113-124 **DOI:** 10.2147/COPD.S274846 **Published Date:** 2021

PubMed ID: 33500616

ISSN: 1178-2005

Record 45 of 383

Title: EFFECT OF SWITCHING FROM MULTI-INHALER NON-EXTRA FINE TO SINGLE-INHALER EXTRA FINE TRIPLE THERAPY ON REGIONAL BRONCHODILATION AND

VENTILATION IN PATIENTS WITH SEVERE COPD

Author(s): Baldi, S (Baldi, Simonetta); Usmani, O (Usmani, Omar); Van Holsbeke, C (Van Holsbeke, Cedric); Mignot, B (Mignot, Benjamin); Panni, I (Panni, Ilaria); Girardello, L (Girardello, Luca); De Backer, J (De Backer, Jan); Georges, G (Georges, George); De Backer, W (De Backer, Wilfried)

Source: CHEST **Volume:** 158 **Issue:** 4 **Pages:** 1664A-1665A **DOI:** 10.1016/j.chest.2020.08.1494 **Published Date:** 2020 OCT **Supplement:** S

ISSN: 0012-3692

eISSN: 1931-3543

Record 46 of 383

Title: Assessment of Small Pulmonary Blood Vessels in COVID-19 Patients Using HRCT

Author(s): Lins, M (Lins, Muriel); Vandevenne, J (Vandevenne, Jan); Thillai, M (Thillai, Muhunthan); Lavon, BR (Lavon, Ben R.); Lanclus, M (Lanclus, Maarten); Bonte, S (Bonte, Stijn); Godon, R (Godon, Rik); Kendall, I (Kendall, Irvin); De Backer, J (De Backer, Jan); De Backer, W (De Backer, Wilfried)

Source: ACADEMIC RADIOLOGY **Volume:** 27 **Issue:** 10 **Pages:** 1449-1455 **DOI:** 10.1016/j.acra.2020.07.019 **Published Date:** 2020 OCT

PubMed ID: 32741657

ISSN: 1076-6332

eISSN: 1878-4046

Record 47 of 383

Title: FUNCTIONAL RESPIRATORY IMAGING ASSESSMENT OF BUDESONIDE/GLYCOPYRROLATE/FORMOTEROL FUMARATE AND GLYCOPYRROLATE/FORMOTEROL FUMARATE METERED DOSE INHALERS IN PATIENTS WITH COPD

Author(s): van den Berge, M (van den Berge, M.); De Backer, J (De Backer, Jan); Van Holsbeke, C (Van Holsbeke, Cedric); De Backer, W (De Backer, Wilfried); Trivedi, R (Trivedi, Roopa); Jenkins, M (Jenkins, Martin); Dorinsky, P (Dorinsky, Paul); Aurivillius, M (Aurivillius, Magnus)

Source: CHEST **Volume:** 158 **Issue:** 4 **Pages:** 1782A-1783A **DOI:** 10.1016/j.chest.2020.08.1555 **Published Date:** 2020 OCT **Supplement:** S

ISSN: 0012-3692

eISSN: 1931-3543

Record 48 of 383

Title: Ventilation-perfusion measures based on functional respiratory imaging (FRI) do correlate with exercise tolerance and PRO's in COPD

Author(s): Lanclus, M (Lanclus, Maarten); Kendall, I (Kendall, Irvin); De Backer, W (De Backer, Wilfried); De Backer, J (De Backer, Jan)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 2081 **Volume:** 56 **DOI:** 10.1183/13993003.congress-2020.2081 **Published Date:** 2020 SEP 7 **Supplement:** 64

ISSN: 0903-1936

eISSN: 1399-3003

Record 49 of 383

Title: Outcome measures for airway clearance techniques in children with chronic obstructive lung diseases: a systematic review

Author(s): Lauwers, E (Lauwers, Eline); Ides, K (Ides, Kris); Van Hoorenbeeck, K (Van Hoorenbeeck, Kim); Verhulst, S (Verhulst, Stijn)

Source: RESPIRATORY RESEARCH **Volume:** 21 **Issue:** 1 **Article Number:** 217 **DOI:** 10.1186/s12931-020-01484-z **Published Date:** 2020 AUG 17

PubMed ID: 32807200

eISSN: 1465-993X

Record 50 of 383

Title: Functional respiratory imaging assessment of glycopyrrolate and formoterol fumarate metered dose inhalers formulated using co-suspension delivery technology in patients with COPD

Author(s): De Backer, W (De Backer, Wilfried); De Backer, J (De Backer, Jan); Verlinden, I (Verlinden, Ilse); Leemans, G (Leemans, Glenn); Van Holsbeke, C (Van Holsbeke, Cedric); Mignot, B (Mignot, Benjamin); Jenkins, M (Jenkins, Martin); Griffis, D (Griffis, Dianne); Ivanov, S (Ivanov, Stefan); Fitzpatrick, J (Fitzpatrick, Jane); St Rose, E (St Rose, Earl); Martin, UJ (Martin, Ubaldo J.); Reisner, C (Reisner, Colin)

Source: THERAPEUTIC ADVANCES IN RESPIRATORY DISEASE **Volume:** 14 **Article Number:** 1753466620916990 **DOI:** 10.1177/1753466620916990 **Published Date:** 2020 MAY

PubMed ID: 32380894

ISSN: 1753-4658

eISSN: 1753-4666

Record 51 of 383

Title: The effectiveness of a mobile high-frequency chest wall oscillation (HFCWO) device for airway clearance

Author(s): Leemans, G (Leemans, Glenn); Belmans, D (Belmans, Dennis); Van Holsbeke, C (Van Holsbeke, Cedric); Becker, B (Becker, Brian); Vissers, D (Vissers, Dirk); Ides, K (Ides, Kris); Verhulst, S (Verhulst, Stijn); Van Hoorenbeeck, K (Van Hoorenbeeck, Kim)

Source: PEDIATRIC PULMONOLOGY **Volume:** 55 **Issue:** 8 **Pages:** 1984-1992 **DOI:** 10.1002/ppul.24784 **Early Access Date:** APR 2020 **Published Date:** 2020 AUG

PubMed ID: 32320537

ISSN: 8755-6863

eISSN: 1099-0496

Record 52 of 383

Title: Functional respiratory imaging of the airways in the acute respiratory distress syndrome

Author(s): Schepens, T (Schepens, Tom); Lu, X (Lu, Xiao); Van Holsbeke, C (Van Holsbeke, Cedric); Vos, W (Vos, Wim); De Backer, J (De Backer, Jan); Parizel, PM (Parizel, Paul M.); De Backer, W (De Backer, Wilfried); Lu, Q (Lu, Qin); Rouby, JJ (Rouby, Jean-Jacques); Jorens, PG (Jorens, Philippe G.)

Source: ANAESTHESIA CRITICAL CARE & PAIN MEDICINE **Volume:** 39 **Issue:** 2 **Pages:** 207-213 **DOI:** 10.1016/j.accpm.2019.10.017 **Published Date:** 2020 APR

PubMed ID: 32044302

ISSN: 2352-5568

Record 53 of 383

Title: The Influence of Posture on Airway Structure, Airway Function and Regional Ventilation in Healthy Subjects

Author(s): Lanclus, M (Lanclus, M.); Leemans, G (Leemans, G.); Ides, K (Ides, K.); Van Holsbeke, C (Van Holsbeke, C.); Vissers, D (Vissers, D.); Bonte, S (Bonte, S.); De Backer, J (De Backer, J.); De Backer, W (De Backer, W.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**

Abstract: A2994 **Volume:** 201 **Published Date:** 2020

ISSN: 1073-449X

eISSN: 1535-4970

Record 54 of 383

Title: Functional Respiratory Imaging to Assess the Short-Term Effects of Orkambi (Lumacaftor/Ivacaftor) on Lung Function in Patients with Cystic Fibrosis Homozygous for F508del

Author(s): Lauwers, E (Lauwers, E.); Belmans, D (Belmans, D.); Mignot, B (Mignot, B.); Ides, K (Ides, K.); Van Hoorenbeeck, K (Van Hoorenbeeck, K.); Van Holsbeke, C (Van Holsbeke, C.); Leemans, G (Leemans, G.); De Backer, J (De Backer, J.); Verhulst, SL (Verhulst, S. L.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**

Abstract: A7910 **Volume:** 201 **Published Date:** 2020

ISSN: 1073-449X

eISSN: 1535-4970

Record 55 of 383

Title: A Functional Respiratory Imaging Approach to the Effect of an Oscillating Positive Expiratory Pressure Device in Chronic Obstructive Pulmonary Disease

Author(s): Leemans, G (Leemans, Glenn); Belmans, D (Belmans, Dennis); Van Holsbeke, C (Van Holsbeke, Cedric); Kushnarev, V (Kushnarev, Vladimir); Sugget, J (Sugget, Jason); Ides, K (Ides, Kris); Vissers, D (Vissers, Dirk); De Backer, W (De Backer, Wilfried)

Source: INTERNATIONAL JOURNAL OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE **Volume:** 15 **Pages:** 1261-1268 **DOI:** 10.2147/COPD.S242191 **Published Date:** 2020

PubMed ID: 32581531

ISSN: 1178-2005

Record 56 of 383

Title: Treatment of sleep-disordered breathing with positional therapy: long-term results

Author(s): Beyers, J (Beyers, Jolien); Vanderveken, OM (Vanderveken, O. M.); Kastoer, C (Kastoer, C.); Boudewyns, A (Boudewyns, A.); De Volder, I (De Volder, I.); Van Gastel, A (Van Gastel, A.); Verbraecken, JA (Verbraecken, J. A.); De Backer, WA (De Backer, W. A.); Braem, MJ (Braem, M. J.); Van de Heyning, PH (Van de Heyning, P. H.); Dieltjens, M (Dieltjens, M.)

Source: SLEEP AND BREATHING **Volume:** 23 **Issue:** 4 **Pages:** 1141-1149 **DOI:** 10.1007/s11325-019-01792-9 **Published Date:** 2019 DEC

PubMed ID: 30778914

ISSN: 1520-9512

eISSN: 1522-1709

Record 57 of 383

Title: Assessment of disease progression in systemic sclerosis-associated interstitial lung disease (SSc-ILD) patients using Functional Respiratory Imaging (FRI)

Author(s): Clukers, J (Clukers, Johan); Homer, K (Homer, Kate); Lanclus, M (Lanclus, Maarten); Belmans, D (Belmans, Dennis); Van Holsbeke, C (Van Holsbeke, Cedric); De Backer, W (De Backer, Wifried); De Backer, JW (De Backer, Jan W.); Khanna, D (Khanna, Dinesh)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** PA4805 **Volume:** 54 **DOI:** 10.1183/13993003.congress-2019.PA4805 **Published Date:** 2019 SEP 28 **Supplement:** 63

ISSN: 0903-1936

eISSN: 1399-3003

Record 58 of 383

Title: Effectiveness of a mobile HFCWO device for airway clearance: impact on hyperinflation

Author(s): Leemans, G (Leemans, Glenn); De Hondt, A (De Hondt, Annelies); Ides, K (Ides, Kris); Van Holsbeke, C (Van Holsbeke, Cedric); Belmans, D (Belmans, Dennis); Becker, B (Becker, Brian); Van Hoorenbeeck, K (Van Hoorenbeeck, Kim)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** PA4528 **Volume:** 54 **DOI:** 10.1183/13993003.congress-2019.PA4528 **Published Date:** 2019 SEP 28 **Supplement:** 63

ISSN: 0903-1936

eISSN: 1399-3003

Record 59 of 383

Title: Machine Learning Algorithms Utilizing Functional Respiratory Imaging May Predict COPD Exacerbations

Author(s): Lanclus, M (Lanclus, Maarten); Clukers, J (Clukers, Johan); Van Holsbeke, C (Van Holsbeke, Cedric); Vos, W (Vos, Wim); Leemans, G (Leemans, Glenn); Holbrechts, B (Holbrechts, Birgit); Barboza, K (Barboza, Katherine); De Backer, W (De Backer, Wilfried); De Backer, J (De Backer, Jan)

Source: ACADEMIC RADIOLOGY **Volume:** 26 **Issue:** 9 **Pages:** 1191-1199 **DOI:** 10.1016/j.acra.2018.10.022 **Published Date:** 2019 SEP

PubMed ID: 30477949

ISSN: 1076-6332

eISSN: 1878-4046

Record 60 of 383

Title: Phenotypic Labelling Using Drug-Induced Sleep Endoscopy Improves Patient Selection for Mandibular Advancement Device Outcome: A Prospective Study

Author(s): de Beeck, SO (de Beeck, Sara Op); Dieltjens, M (Dieltjens, Marijke); Verbruggen, AE (Verbruggen, Annelies E.); Vroegop, AV (Vroegop, Anneclaire V.); Wouters, K (Wouters, Kristien); Hamans, E (Hamans, Evert); Willemen, M (Willemen, Marc); Verbraecken, J (Verbraecken, Johan); De Backer, WA (De Backer, Wilfried A.); Van de Heyning, PH (Van de Heyning, Paul H.); Braem, MJ (Braem, Marc J.); Vanderveken, OM (Vanderveken, Olivier M.)

Source: JOURNAL OF CLINICAL SLEEP MEDICINE **Volume:** 15 **Issue:** 8 **Pages:** 1089-1099 **DOI:** 10.5664/jcsm.7796 **Published Date:** 2019 AUG 15

PubMed ID: 31482830

ISSN: 1550-9389

eISSN: 1550-9397

Record 61 of 383

Title: Respiratory morbidity in children with cerebral palsy: an overview

Author(s): Boel, L (Boel, Lieve); Pernet, K (Pernet, Kurt); Toussaint, M (Toussaint, Michel); Ides, K (Ides, Kris); Leemans, G (Leemans, Glenn); Haan, J (Haan, Jurn); Van Hoorenbeeck, K (Van Hoorenbeeck, Kim); Verhulst, S (Verhulst, Stijn)

Source: DEVELOPMENTAL MEDICINE AND CHILD NEUROLOGY **Volume:** 61 **Issue:** 6 **Pages:** 646-+ **DOI:** 10.1111/dmcn.14060 **Published Date:** 2019 JUN

PubMed ID: 30320434

ISSN: 0012-1622

eISSN: 1469-8749

Record 62 of 383

Title: Salient Representation for Lung Sound Analysis Based on the JAMF Transform

Author(s): Cazaerck, J (Cazaerck, Jonathan); Lauwers, E (Lauwers, Eline); Ides, K (Ides, Kris); Van Hoorenbeeck, K (Van Hoorenbeeck, Kim); Verhulst, S (Verhulst, Stijn); Daems, W (Daems, Walter); Steckel, J (Steckel, Jan)

Book Group Author(s): IEEE

Source: 2019 IEEE SENSORS **Book Series:** IEEE Sensors **DOI:** 10.1109/sensors43011.2019.8956546 **Published Date:** 2019

ISSN: 1930-0395

ISBN: 978-1-7281-1634-1

Record 63 of 383

Title: Functional Respiratory Imaging Assessment of Glycopyrrolate and Formoterol Fumarate Metered Dose Inhalers Formulated Using Co-Suspension Delivery Technology in COPD

Author(s): De Backer, W (De Backer, W.); De Backer, J (De Backer, J.); Vos, W (Vos, W.); Verlinden, I (Verlinden, I.); Van Holsbeke, C (Van Holsbeke, C.); Mignot, B (Mignot, B.); Jenkins, M (Jenkins, M.); Ivanov, S (Ivanov, S.); Fitzpatrick, J (Fitzpatrick, J.); Rose, ES (Rose, E. St.); Martin, UJ (Martin, U. J.); Reisner, C (Reisner, C.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A3277 **Volume:** 199 **Published Date:** 2019

ISSN: 1073-449X

eISSN: 1535-4970

Record 64 of 383

Title: Quantitative CT analysis using functional imaging is superior in describing disease progression in idiopathic pulmonary fibrosis compared to forced vital capacity

Author(s): Clukers, J (Clukers, J.); Lanclus, M (Lanclus, M.); Mignot, B (Mignot, B.); Van Holsbeke, C (Van Holsbeke, C.); Roseman, J (Roseman, J.); Porter, S (Porter, S.); Gorina, E (Gorina, E.); Kouchakji, E (Kouchakji, E.); Lipson, KE (Lipson, K. E.); De Backer, W (De Backer, W.); De Backer, J (De Backer, J.)

Source: RESPIRATORY RESEARCH **Volume:** 19 **Article Number:** 213 **DOI:** 10.1186/s12931-018-0918-5 **Published Date:** 2018 NOV 6

PubMed ID: 30400950

ISSN: 1465-993X

eISSN: 1465-9921

Record 65 of 383

Title: The effect of intrapulmonary percussive ventilation in pediatric patients: A systematic review

Author(s): Lauwers, E (Lauwers, Eline); Ides, K (Ides, Kris); Van Hoorenbeeck, K (Van Hoorenbeeck, Kim); Verhulst, S (Verhulst, Stijn)

Source: PEDIATRIC PULMONOLOGY **Volume:** 53 **Issue:** 11 **Pages:** 1463-1474 **DOI:** 10.1002/ppul.24135 **Published Date:** 2018 NOV

PubMed ID: 30019451

ISSN: 8755-6863

eISSN: 1099-0496

Record 66 of 383

Title: Treatment of sleep-disordered breathing with positional therapy: long-term results

Author(s): Beyers, J (Beyers, Jolien); Dieltjens, M (Dieltjens, Marijke); Kastoer, C (Kastoer, Chloe); Boudewyns, A (Boudewyns, An); De Volder, I (De Volder, Ilse); Van Gastel, A (Van Gastel, Ann); Verbraecken, JA (Verbraecken, Johan A.); De Backer, WA (De Backer, Wilfried A.); Braem, MJ (Braem, Marc J.); Van de Heyning, PH (Van de Heyning, Paul H.); Vanderveken, OM (Vanderveken, Olivier M.)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** PA2264 **Volume:** 52 **DOI:** 10.1183/13993003.congress-2018.PA2264 **Published Date:** 2018 SEP 15 **Supplement:** 62

ISSN: 0903-1936

eISSN: 1399-3003

Record 67 of 383

Title: Proof of concept of a non-invasive screening tool to detect idiopathic pulmonary fibrosis (IPF) in an early stage

Author(s): de Backer, J (de Backer, Jan); van Holsbeke, C (van Holsbeke, Cedric); Vos, W (Vos, Wim); Belmans, D (Belmans, Dennis); Leemans, G (Leemans, Glenn); de Backer, W (de Backer, Wilfried)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** PA5231 **Volume:** 52 **DOI:** 10.1183/13993003.congress-2018.PA5231 **Published Date:** 2018 SEP 15 **Supplement:** 62

ISSN: 0903-1936

eISSN: 1399-3003

Record 68 of 383

Title: Pulsed inhaled nitric oxide (iNO) improves exercise tolerance and shortness of breath (SOB) in severe COPD subjects with pulmonary hypertension (PH)

Author(s): Hajian, B (Hajian, Bitia); Shivalkar, B (Shivalkar, Bharati); Ferreira, F (Ferreira, Francisca); Van Holsbeke, C (Van Holsbeke, Cedric); Voss, W (Voss, Wim); De Backer, J (De Backer, Jan); Fernandes, P (Fernandes, Peter); Sartoris, K (Sartoris, Kathleen); Quinn, D (Quinn, Deborah); Hufkins, A (Hufkins, Annemie); Parizel, PM (Parizel, Paul M.); Cluckers, J (Cluckers, Johan); De Backer, W (De

Backer, Wilfried)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** OA5341 **Volume:** 52 **DOI:** 10.1183/13993003.congress-2018.OA5341 **Published Date:** 2018 SEP 15 **Supplement:** 62

ISSN: 0903-1936

eISSN: 1399-3003

Record 69 of 383

Title: Machine Learning Algorithms Utilizing Quantitative CT Features May Predict Eventual Onset of Bronchiolitis Obliterans Syndrome After Lung Transplantation

Author(s): Barbosa, EJM (Barbosa, Eduardo J. Mortani, Jr.); Lanclus, M (Lanclus, Maarten); Vos, W (Vos, Wim); Van Holsbeke, C (Van Holsbeke, Cedric); De Backer, W (De Backer, William); De Backer, J (De Backer, Jan); Lee, J (Lee, James)

Source: ACADEMIC RADIOLOGY **Volume:** 25 **Issue:** 9 **Pages:** 1201-1212 **DOI:** 10.1016/j.acra.2018.01.013 **Published Date:** 2018 SEP

PubMed ID: 29472146

ISSN: 1076-6332

eISSN: 1878-4046

Record 70 of 383

Title: EVALUATION OF A MOBILE HFCWO DEVICE IN PATIENTS WITH CYSTIC FIBROSIS

Author(s): Leemans, G (Leemans, G.); De Hondt, A (De Hondt, A.); Ides, K (Ides, K.); Van Holsbeke, C (Van Holsbeke, C.); Belmans, D (Belmans, D.); Becker, BC (Becker, B. C.); Van Hoorenbeeck, K (Van Hoorenbeeck, K.)

Source: PEDIATRIC PULMONOLOGY **Meeting Abstract:** 497 **Volume:** 53 **Pages:** 337-337 **Published Date:** 2018 SEP **Supplement:** 2

ISSN: 8755-6863

eISSN: 1099-0496

Record 71 of 383

Title: Clinical Predictors of Residual Sleep Apnea after Weight Loss Therapy in Obese Adolescents

Author(s): Van Eyck, A (Van Eyck, Annelies); De Guchtenaere, A (De Guchtenaere, Ann); Van Gaal, L (Van Gaal, Luc); De Backer, W (De Backer, Wilfried); Verhulst, SL (Verhulst, Stijn L.); Van Hoorenbeeck, K (Van Hoorenbeeck, Kim)

Source: JOURNAL OF PEDIATRICS **Volume:** 196 **Pages:** 189-+ **DOI:** 10.1016/j.jpeds.2017.12.056 **Published Date:** 2018 MAY

PubMed ID: 29502877

ISSN: 0022-3476

eISSN: 1097-6833

Record 72 of 383

Title: Evaluation of a Trial Period With a Sleep Position Trainer in Patients With Positional Sleep Apnea

Author(s): Beyers, J (Beyers, Jolien); Dieltjens, M (Dieltjens, Marijke); Kastoer, C (Kastoer, Chloe); Opdebeeck, L (Opdebeeck, Lynn); Boudewyns, AN (Boudewyns, An N.); De Volder, I (De Volder, Ilse); Van Gastel, A (Van Gastel, Ann); Verbraecken, JA (Verbraecken, Johan A.); De Backer, WA (De Backer,

Wilfried A.); Braem, MJ (Braem, Marc J.); Van de Heyning, PH (Van de Heyning, Paul H.); Vanderveken, OM (Vanderveken, Olivier M.)

Source: JOURNAL OF CLINICAL SLEEP MEDICINE **Volume:** 14 **Issue:** 4 **Pages:** 575-583 **DOI:** 10.5664/jcsm.7048 **Published Date:** 2018

PubMed ID: 29609712

ISSN: 1550-9389

eISSN: 1550-9397

Record 73 of 383

Title: Comparison of Inspiratory Capacity Assessed by Spirometry and Plethysmography: Post-Hoc Analysis of Glycopyrrolate/Formoterol Fumarate Metered Dose Inhaler (GFF MDI) in Patients with COPD

Author(s): De Backer, W (De Backer, W.); De Backer, J (De Backer, J.); Darken, P (Darken, P.); Jenkins, M (Jenkins, M.); Martin, UJ (Martin, U. J.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A3895 **Volume:** 197 **Published Date:** 2018

ISSN: 1073-449X

eISSN: 1535-4970

Record 74 of 383

Title: A randomized study using functional respiratory imaging to characterize bronchodilator effects of glycopyrrolate/formoterol fumarate delivered by a metered dose inhaler using co-suspension delivery technology in patients with COPD

Author(s): De Backer, W (De Backer, Wilfried); De Backer, J (De Backer, Jan); Vos, W (Vos, Wim); Verlinden, I (Verlinden, Ilse); Van Holsbeke, C (Van Holsbeke, Cedric); Clukers, J (Clukers, Johan); Hajian, B (Hajian, Bitan); Siddiqui, S (Siddiqui, Shahid); Jenkins, M (Jenkins, Martin); Reisner, C (Reisner, Colin); Martin, UJ (Martin, Ubaldo J.)

Source: INTERNATIONAL JOURNAL OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE **Volume:** 13 **Pages:** 2673-2684 **DOI:** 10.2147/COPD.S171707 **Published Date:** 2018

PubMed ID: 30214185

ISSN: 1178-2005

Record 75 of 383

Title: Characteristics of Upper Airway Collapse Assessed During Drug-Induced Sleep Endoscopy Predict Response and Deterioration Under Mandibular Advancement Device Therapy

Author(s): de Beeck, SO (de Beeck, S. Op); Dieltjens, M (Dieltjens, M.); Verbruggen, AER (Verbruggen, A. E. R.); Vroegop, AV (Vroegop, A. V.); Hamans, E (Hamans, E.); Verbraecken, J (Verbraecken, J.); De Backer, WA (De Backer, W. A.); Van de Heyning, PH (Van de Heyning, P. H.); Braem, MJ (Braem, M. J.); Vanderveken, OM (Vanderveken, O. M.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A5936 **Volume:** 197 **Published Date:** 2018

ISSN: 1073-449X

eISSN: 1535-4970

Record 76 of 383

Title: Changes in Ventilation-Perfusion During and After a COPD Exacerbation: An Assessment Using Fluid Dynamic Modelling

Author(s): Hajian, B (Hajian, B.); De Backer, J (De Backer, J.); Vos, W (Vos, W.); Van Holsbeke, C (Van Holsbeke, C.); De Backer, W (De Backer, W.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**

Abstract: A3900 **Volume:** 197 **Published Date:** 2018

ISSN: 1073-449X

eISSN: 1535-4970

Record 77 of 383

Title: Pulsed Inhaled Nitric Oxide (NO) Improves Exercise Tolerance in Severe Chronic Obstructive Pulmonary Disease (COPD) Patients with Pulmonary Hypertension (PH)

Author(s): Hajian, B (Hajian, B.); Shivalkar, B (Shivalkar, B.); Leemans, J (Leemans, J.); Van Holsbeke, C (Van Holsbeke, C.); Vos, W (Vos, W.); De Backer, J (De Backer, J.); Sartoris, K (Sartoris, K.); Quinn, D (Quinn, D.); Hufkins, A (Hufkins, A.); Parizel, P (Parizel, P.); Cluckers, J (Cluckers, J.); De Backer, W (De Backer, W.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**

Abstract: A4229 **Volume:** 197 **Published Date:** 2018

ISSN: 1073-449X

eISSN: 1535-4970

Record 78 of 383

Title: Changes in ventilation-perfusion during and after an COPD exacerbation: an assessment using fluid dynamic modeling

Author(s): Hajian, B (Hajian, Bita); De Backer, J (De Backer, Jan); Vos, W (Vos, Wim); van Geffen, WH (van Geffen, Wouter H.); De Winter, P (De Winter, Paul); Usmani, O (Usmani, Omar); Cahn, T (Cahn, Tony); Kerstjens, HAM (Kerstjens, Huib A. M.); Pistolesi, M (Pistolesi, Massimo); De Backer, W (De Backer, Wilfried)

Source: INTERNATIONAL JOURNAL OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE **Volume:** 13 **Pages:** 833-842 **DOI:** 10.2147/COPD.S153295 **Published Date:** 2018

PubMed ID: 29563783

ISSN: 1178-2005

Record 79 of 383

Title: The Effect of the Aerobika® Oscillating PEP (OPEP) Device on Airway Structure, Function and Drug Deposition in Patients with COPD

Author(s): Mussche, C (Mussche, C.); Van Holsbeke, C (Van Holsbeke, C.); Kushnarev, V (Kushnarev, V.); Suggett, J (Suggett, J.); De Backer, J (De Backer, J.); De Backer, W (De Backer, W.); Leemans, G (Leemans, G.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**

Abstract: A2408 **Volume:** 197 **Published Date:** 2018

ISSN: 1073-449X

eISSN: 1535-4970

Record 80 of 383

Title: The Role of Functional Respiratory Imaging in Treatment Selection of Children With Obstructive Sleep Apnea and Down Syndrome

Author(s): Slaats, MALJ (Slaats, Monique A. L. J.); Loterman, D (Loterman, Dieter); van Holsbeke, C (van Holsbeke, Cedric); Vos, W (Vos, Wim); Van Hoorenbeeck, K (Van Hoorenbeeck, Kim); de Backer, J (de Backer, Jan); de Backer, W (de Backer, Wilfried); Wojciechowski, M (Wojciechowski, Marek); Boudewyns, A (Boudewyns, An); Verhulst, S (Verhulst, Stijn)

Source: JOURNAL OF CLINICAL SLEEP MEDICINE **Volume:** 14 **Issue:** 4 **Pages:** 651-659 **DOI:** 10.5664/jcsm.7064 **Published Date:** 2018

PubMed ID: 29609707

ISSN: 1550-9389

eISSN: 1550-9397

Record 81 of 383

Title: Functional respiratory imaging: heterogeneity of acute exacerbations of COPD

Author(s): van Geffen, WH (van Geffen, Wouter H.); Hajian, B (Hajian, Bitia); Vos, W (Vos, Wim); De Backer, J (De Backer, Jan); Cahn, A (Cahn, Anthony); Susmani, O (Susmani, Omar); Van Holsbeke, C (Van Holsbeke, Cedric); Pistolesi, M (Pistolesi, Massimo); Kerstjens, HAM (Kerstjens, Huib A. M.); De Backer, W (De Backer, Wilfried)

Source: INTERNATIONAL JOURNAL OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE **Volume:** 13 **Pages:** 1783-1792 **DOI:** 10.2147/COPD.S152463 **Published Date:** 2018

PubMed ID: 29881268

ISSN: 1178-2005

Record 82 of 383

Title: FUNCTIONAL RESPIRATORY IMAGING (FRI) AND LUNG FUNCTION ASSESSMENT OF GLYCOPYRRONIUM/FORMOTEROL FUMARATE DIHYDRATE FIXED-DOSE COMBINATION DELIVERED USING INNOVATIVE COSUSPENSION DELIVERY TECHNOLOGY (GFF MDI) IN

Author(s): De Backer, W (De Backer, W.); De Backer, J (De Backer, J.); Vos, W (Vos, W.); Verlinden, I (Verlinden, I.); Dwivedi, S (Dwivedi, S.); Siddiqui, S (Siddiqui, S.); Jenkins, M (Jenkins, M.); Reisner, C (Reisner, C.); Martin, U (Martin, U.)

Source: THORAX Meeting Abstract: P192 **Volume:** 72 **Pages:** A186-A187 **DOI:** 10.1136/thoraxjnl-2017-210983.334 **Published Date:** 2017 DEC **Supplement:** 3

ISSN: 0040-6376

eISSN: 1468-3296

Record 83 of 383

Title: The role of ethnicity in the upper airway in a Belgian paediatric population with obstructive sleep apnoea

Author(s): Slaats, M (Slaats, Monique); Vos, W (Vos, Wim); Van Holsbeke, C (Van Holsbeke, Cedric); De Backer, J (De Backer, Jan); Loterman, D (Loterman, Dieter); De Backer, W (De Backer, Wilfried); Boudewyns, A (Boudewyns, An); Verhulst, S (Verhulst, Stijn)

Source: EUROPEAN RESPIRATORY JOURNAL **Volume:** 50 **Issue:** 4 **Article Number:** 1701278 **DOI:** 10.1183/13993003.01278-2017 **Published Date:** 2017 OCT 1

PubMed ID: 28982766

ISSN: 0903-1936

eISSN: 1399-3003

Record 84 of 383

Title: Development of a Clinical Pathway and Technical Aspects of Upper Airway Stimulation Therapy for Obstructive Sleep Apnea

Author(s): Vanderveken, OM (Vanderveken, Olivier M.); Beyers, J (Beyers, Jolien); Op de Beeck, S (Op de Beeck, Sara); Dieltjens, M (Dieltjens, Marijke); Willemen, M (Willemen, Marc); Verbraecken, JA (Verbraecken, Johan A.); De Backer, WA (De Backer, Wilfried A.); Van de Heyning, PH (Van de Heyning, Paul H.)

Source: FRONTIERS IN NEUROSCIENCE **Volume:** 11 **Article Number:** 523 **DOI:** 10.3389/fnins.2017.00523 **Published Date:** 2017 SEP 21

eISSN: 1662-453X

Record 85 of 383

Title: Quantitative Functional Respiratory Imaging may predict the mechanism of FEV1 Decline after Lung Transplantation

Author(s): Barbosa, E (Barbosa, Eduardo); Ferreira, F (Ferreira, Francisca); Vos, W (Vos, Wim); Van Holsbeke, C (Van Holsbeke, Cedric); De Backer, W (De Backer, Wilfried); De Backer, J (De Backer, Jan); Lee, J (Lee, James)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** PA2465 **Volume:** 50 **DOI:** 10.1183/1393003.congress-2017.PA2465 **Published Date:** 2017 SEP 1 **Supplement:** 61

ISSN: 0903-1936

eISSN: 1399-3003

Record 86 of 383

Title: Late Breaking Abstract - Functional respiratory imaging (FRI) and lung function assessment of glycopyrronium/formoterol fumarate dihydrate fixed-dose combination delivered using novel Co-Suspension Delivery Technology (GFF MDI) in COPD

Author(s): De Backer, W (De Backer, Wilfried); De Backer, J (De Backer, Jan); Vos, W (Vos, Wim); Verlinden, I (Verlinden, Ilse); Dwivedi, S (Dwivedi, Sarvajna); Siddiqui, S (Siddiqui, Shahid); Jenkins, M (Jenkins, Martin); Reisner, C (Reisner, Colin); Martin, U (Martin, Ubaldo)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** OA4404 **Volume:** 50 **DOI:** 10.1183/1393003.congress-2017.OA4404 **Published Date:** 2017 SEP 1 **Supplement:** 61

ISSN: 0903-1936

eISSN: 1399-3003

Record 87 of 383

Title: Systematic differences in lung function outcomes in a new lung function lab

Author(s): De Soomer, K (De Soomer, Kevin); Adriaensen, C (Adriaensen, Charlotte); Leemans, K (Leemans, Karla); De Backer, W (De Backer, Wilfried); Oostveen, E (Oostveen, Ellie)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** PA3003 **Volume:** 50 **DOI:** 10.1183/1393003.congress-2017.PA3003 **Published Date:** 2017 SEP 1 **Supplement:** 61

ISSN: 0903-1936

eISSN: 1399-3003

Record 88 of 383**Title:** Dose-effect of inhaled NO in patients with IPF using right heart catheterization**Author(s):** Hajian, B (Hajian, Bitá); de Backer, J (de Backer, Jan); van Holsbeke, C (van Holsbeke, Cedric); Vos, W (Vos, Wim); Ferreira, F (Ferreira, Fransisca); Hufkens, A (Hufkens, Annemie); Claes, R (Claes, Rita); de Backer, W (de Backer, Wilfried)**Source:** EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** PA2438 **Volume:** 50 **DOI:** 10.1183/1393003.congress-2017.PA2438 **Published Date:** 2017 SEP 1 **Supplement:** 61**ISSN:** 0903-1936**eISSN:** 1399-3003**Record 89 of 383****Title:** Late Breaking Abstract - Assessment of disease progression in IPF patients using Functional Respiratory Imaging (FRI)**Author(s):** Lanclus, M (Lanclus, Maarten); Porter, S (Porter, Seth); Mignot, B (Mignot, Benjamin); Kouchakji, E (Kouchakji, Elias); Gorina, E (Gorina, Eduard); Van Holsbeke, C (Van Holsbeke, Cedric); De Backer, J (De Backer, Jan); Vos, W (Vos, Wim); Clukers, J (Clukers, Johan); De Backer, W (De Backer, Wilfried); Goldin, J (Goldin, Jonathan); Mussche, C (Mussche, Charles)**Source:** EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** OA1952 **Volume:** 50 **DOI:** 10.1183/1393003.congress-2017.OA1952 **Published Date:** 2017 SEP 1 **Supplement:** 61**ISSN:** 0903-1936**eISSN:** 1399-3003**Record 90 of 383****Title:** Late Breaking Abstract - Responder phenotyping using functional respiratory imaging (FRI) in IPF patients treated with anti-CGTG monoclonal antibody FG3019**Author(s):** Mussche, C (Mussche, Charles); Van Holsbeke, C (Van Holsbeke, Cedric); De Backer, J (De Backer, Jan); Vos, W (Vos, Wim); Lanclus, M (Lanclus, Maarten); Mignot, B (Mignot, Benjamin); De Backer, W (De Backer, Wilfried); Clukers, J (Clukers, Johan); Porter, S (Porter, Seth); Kouchakji, E (Kouchakji, Elias); Gorina, E (Gorina, Eduard); Goldin, J (Goldin, Jonathan)**Source:** EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** PA2811 **Volume:** 50 **DOI:** 10.1183/1393003.congress-2017.PA2811 **Published Date:** 2017 SEP 1 **Supplement:** 61**ISSN:** 0903-1936**eISSN:** 1399-3003**Record 91 of 383****Title:** Late Breaking Abstract - Functional Respiratory Imaging (FRI) and machine learning to predict organ rejection shortly after lung transplantation**Author(s):** Van Holsbeke, C (Van Holsbeke, Cedric); Lanclus, M (Lanclus, Maarten); Vos, W (Vos, Wim); De Backer, J (De Backer, Jan); Verplancke, V (Verplancke, Veronique); De Backer, W (De Backer, Wilfried); Barbosa, E (Barbosa, Eduardo); Lee, J (Lee, James)**Source:** EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** OA1987 **Volume:** 50 **DOI:** 10.1183/1393003.congress-2017.OA1987 **Published Date:** 2017 SEP 1 **Supplement:** 61**ISSN:** 0903-1936**eISSN:** 1399-3003

Record 92 of 383**Title:** Long term effects on non-invasive ventilation in hypercapnic COPD patients**Author(s):** Vos, W (Vos, Wim); Van Holsbeke, C (Van Holsbeke, Cedric); De Backer, J (De Backer, Jan); Hajian, B (Hajian, Bitan); De Backer, W (De Backer, Wilfried)**Source:** EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** OA4432 **Volume:** 50 **DOI:** 10.1183/1393003.congress-2017.OA4432 **Published Date:** 2017 SEP 1 **Supplement:** 61**ISSN:** 0903-1936**eISSN:** 1399-3003**Record 93 of 383****Title:** Prediction of Treatment Outcome in Children with Obstructive Sleep Apnea and Down Syndrome by Functional Respiratory Imaging.**Author(s):** Slaats, M (Slaats, M.); Loterman, D (Loterman, D.); Van Holsbeke, C (Van Holsbeke, C.); Vos, W (Vos, W.); Backer, J (Backer, J.); De Backer, W (De Backer, W.); Wojciechowski, M (Wojciechowski, M.); Boudewyns, A (Boudewyns, A.); Verhulst, S (Verhulst, S.)**Source:** PEDIATRIC PULMONOLOGY **Meeting Abstract:** G82 **Volume:** 52 **Pages:** S136-S137 **Published Date:** 2017 JUN **Supplement:** 46**ISSN:** 8755-6863**eISSN:** 1099-0496**Record 94 of 383****Title:** Bronchopulmonary Dysplasia: An Assessment during Adolescence.**Author(s):** Slaats, M (Slaats, M.); Al-Nejar, M (Al-Nejar, M.); Everaars, N (Everaars, N.); Mignot, B (Mignot, B.); Spinhoven, M (Spinhoven, M.); Wouters, E (Wouters, E.); Vos, W (Vos, W.); Mahieu, L (Mahieu, L.); Oostveen, E (Oostveen, E.); De Dooy, J (De Dooy, J.); De Backer, J (De Backer, J.); De Backer, W (De Backer, W.); Verhulst, S (Verhulst, S.)**Source:** PEDIATRIC PULMONOLOGY **Meeting Abstract:** E81 **Volume:** 52 **Pages:** S95-S96 **Published Date:** 2017 JUN **Supplement:** 46**ISSN:** 8755-6863**eISSN:** 1099-0496**Record 95 of 383****Title:** Predicting the effect of treatment in paediatric OSA by clinical examination and functional respiratory imaging**Author(s):** Slaats, M (Slaats, Monique); Vos, W (Vos, Wim); Van Holsbeke, C (Van Holsbeke, Cedric); De Backer, J (De Backer, Jan); Loterman, D (Loterman, Dieter); De Backer, W (De Backer, Wilfried); Boudewyns, A (Boudewyns, An); Verhulst, S (Verhulst, Stijn)**Source:** PEDIATRIC PULMONOLOGY **Volume:** 52 **Issue:** 6 **Pages:** 799-805 **DOI:** 10.1002/ppul.23684 **Published Date:** 2017 JUN**PubMed ID:** 28267299**ISSN:** 8755-6863**eISSN:** 1099-0496**Record 96 of 383**

Title: Sleep-disordered breathing, systemic adipokine secretion, and metabolic dysregulation in overweight and obese children and adolescents

Author(s): Van Eyck, A (Van Eyck, Annelies); Van Hoorenbeeck, K (Van Hoorenbeeck, Kim); De Winter, BY (De Winter, Benedicte Y.); Van Gaal, L (Van Gaal, Luc); De Backer, W (De Backer, Wilfried); Verhulst, SL (Verhulst, Stijn L.)

Source: SLEEP MEDICINE **Volume:** 30 **Pages:** 52-56 **DOI:** 10.1016/j.sleep.2015.11.014 **Published Date:** 2017 FEB

PubMed ID: 28215263

ISSN: 1389-9457

eISSN: 1878-5506

Record 97 of 383

Title: Pulsed Inhaled Nitric Oxide Has The Potential To Improve Exercise Tolerance In Severe COPD Subjects With Pulmonary Hypertension

Author(s): Hajian, B (Hajian, B.); Shivalkar, B (Shivalkar, B.); Ferreira, F (Ferreira, F.); Van Holsbeke, C (Van Holsbeke, C.); Vos, W (Vos, W.); De Backer, J (De Backer, J.); Quinn, D (Quinn, D.); Hufkens, A (Hufkens, A.); Parizel, PM (Parizel, P. M.); Clukers, J (Clukers, J.); De Backer, W (De Backer, W.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A4482 **Volume:** 195 **Published Date:** 2017

ISSN: 1073-449X

eISSN: 1535-4970

Record 98 of 383

Title: Unravelling The Mode Of Action Of Pulsed Inhaled Nitric Oxide In Severe IpF Using Functional Respiratory Imaging (fri)

Author(s): Hajian, B (Hajian, B.); Shivalkar, B (Shivalkar, B.); Ferreira, F (Ferreira, F.); Van Holsbeke, C (Van Holsbeke, C.); Vos, W (Vos, W.); De Backer, J (De Backer, J.); Quinn, D (Quinn, D.); Hufkens, A (Hufkens, A.); Parizel, PM (Parizel, P. M.); Clukers, J (Clukers, J.); De Backer, W (De Backer, W.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A1560 **Volume:** 195 **Published Date:** 2017

ISSN: 1073-449X

eISSN: 1535-4970

Record 99 of 383

Title: Pathophysiological mechanism of long-term noninvasive ventilation in stable hypercapnic patients with COPD using functional respiratory imaging

Author(s): Hajian, B (Hajian, Bitu); De Backer, J (De Backer, Jan); Sneyers, C (Sneyers, Claire); Ferreira, F (Ferreira, Francisca); Barboza, KC (Barboza, Katherine C.); Leemans, G (Leemans, Glenn); Vos, W (Vos, Wim); De Backer, W (De Backer, Wilfried)

Source: INTERNATIONAL JOURNAL OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE **Volume:** 12 **Pages:** 2197-2205 **DOI:** 10.2147/COPD.S136412 **Published Date:** 2017

PubMed ID: 28814848

ISSN: 1178-2005

Record 100 of 383

Title: Definition, discrimination, diagnosis and treatment of central breathing disturbances during sleep

Author(s): Randerath, W (Randerath, Winfried); Verbraecken, J (Verbraecken, Johan); Andreas, S (Andreas, Stefan); Arzt, M (Arzt, Michael); Bloch, KE (Bloch, Konrad E.); Brack, T (Brack, Thomas); Buyse, B (Buyse, Bertien); De Backer, W (De Backer, Wilfried); Eckert, DJ (Eckert, Danny Joel); Grote, L (Grote, Ludger); Hagmeyer, L (Hagmeyer, Lars); Hedner, J (Hedner, Jan); Jennum, P (Jennum, Poul); La Rovere, MT (La Rovere, Maria Teresa); Miltz, C (Miltz, Carla); McNicholas, WT (McNicholas, Walter T.); Montserrat, J (Montserrat, Josep); Naughton, M (Naughton, Matthew); Pepin, JL (Pepin, Jean-Louis); Pevernagie, D (Pevernagie, Dirk); Sanner, B (Sanner, Bernd); Testelmans, D (Testelmans, Dries); Tonia, T (Tonia, Thomy); Vrijsen, B (Vrijsen, Bart); Wijkstra, P (Wijkstra, Peter); Levy, P (Levy, Patrick)

Source: EUROPEAN RESPIRATORY JOURNAL **Volume:** 49 **Issue:** 1 **Article Number:** 1600959 **DOI:** 10.1183/13993003.00959-2016 **Published Date:** 2017 JAN

PubMed ID: 27920092

ISSN: 0903-1936

eISSN: 1399-3003

Record 101 of 383

Title: Clinical Predictors Of Residual Sleep Apnea After Weight Loss Therapy In Adolescents

Author(s): Van Eyck, A (Van Eyck, A.); Van Hoorenbeeck, K (Van Hoorenbeeck, K.); De Guchtenaere, A (De Guchtenaere, A.); Van Gaal, L (Van Gaal, L.); De Backer, W (De Backer, W.); Verhulst, SL (Verhulst, S. L.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A6879 **Volume:** 195 **Published Date:** 2017

ISSN: 1073-449X

eISSN: 1535-4970

Record 102 of 383

Title: Efficacy of inhaled medications in asthma and COPD related to disease severity

Author(s): Hajian, B (Hajian, Bitan); De Backer, J (De Backer, Jan); Vos, W (Vos, Wim); Aerts, J (Aerts, Jelle); Cluckers, J (Cluckers, Johan); De Backer, W (De Backer, Wilfried)

Source: EXPERT OPINION ON DRUG DELIVERY **Volume:** 13 **Issue:** 12 **Pages:** 1719-1727 **DOI:** 10.1080/17425247.2016.1200555 **Published Date:** 2016 DEC

PubMed ID: 27292454

ISSN: 1742-5247

eISSN: 1744-7593

Record 103 of 383

Title: Implanted upper airway stimulation device for OSA improves snoring

Author(s): Almutairi, F (Almutairi, Fayez); Cluydts, R (Cluydts, Raymond); Willemen, M (Willemen, Marc); Dieltjens, M (Dieltjens, Marijke); Beyers, J (Beyers, Jolien); Vanderveken, O (Vanderveken, Olivier); Van de Heyning, P (Van de Heyning, Paul); De Backer, W (De Backer, Wilfried); Verbraecken, J (Verbraecken, Johan)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** PA2380 **Volume:** 48 **DOI:** 10.1183/13993003.congress-PA2380 **Published Date:** 2016 SEP 1 **Supplement:** 60

ISSN: 0903-1936

eISSN: 1399-3003

Record 104 of 383

Title: Early diagnosis of bronchiolitis obliterans syndrome diagnosis after lung transplantation using functional respiratory imaging (FRI)

Author(s): Barbosa, E (Barbosa, Eduardo); Ferreira, F (Ferreira, Francisca); Vos, W (Vos, Wim); Van Holsbeke, C (Van Holsbeke, Cedric); Nuyttens, L (Nuyttens, Lieven); De Backer, W (De Backer, Wilfried); De Backer, J (De Backer, Jan); Lee, J (Lee, James)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** PA2550 **Volume:** 48 **DOI:** 10.1183/13993003.congress-2016.PA2550 **Published Date:** 2016 SEP 1 **Supplement:** 60

ISSN: 0903-1936

eISSN: 1399-3003

Record 105 of 383

Title: A description of the management of patients with COPD in the primary care setting of Antwerp

Author(s): Leemans, G (Leemans, Glenn); Billion, L (Billion, Lisa); Timmerman, L (Timmerman, Laura); Adriaensen, C (Adriaensen, Charlotte); Block, B (Block, Benjamin); Ides, K (Ides, Kris); Vissers, D (Vissers, Dirk); De Backer, W (De Backer, Wilfried); Van Royen, P (Van Royen, Paul)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** PA3949 **Volume:** 48 **DOI:** 10.1183/13993003.congress-2016.PA3949 **Published Date:** 2016 SEP 1 **Supplement:** 60

ISSN: 0903-1936

eISSN: 1399-3003

Record 106 of 383

Title: Nonuniform growth in pediatric lung function between 4 and 14 years of age

Author(s): Oostveen, E (Oostveen, Ellie); Bentouhami, H (Bentouhami, H.); Hagendorens, M (Hagendorens, M.); De Backer, W (De Backer, W.); Weyler, J (Weyler, J.)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** OA4559 **Volume:** 48 **DOI:** 10.1183/13993003.congress-2016.OA4559 **Published Date:** 2016 SEP 1 **Supplement:** 60

ISSN: 0903-1936

eISSN: 1399-3003

Record 107 of 383

Title: Prediction of treatment outcome in pediatric OSA: Physical examination versus functional respiratory imaging

Author(s): Slaats, M (Slaats, Monique); Van Holsbeke, C (Van Holsbeke, Cedric); Vos, W (Vos, Wim); Loterman, D (Loterman, Dieter); De Backer, J (De Backer, Jan); Boudewyns, A (Boudewyns, An); De Backer, W (De Backer, Wilfried); Verhulst, S (Verhulst, Stijn)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** PA378 **Volume:** 48 **DOI:** 10.1183/13993003.congress-2016.PA378 **Published Date:** 2016 SEP 1 **Supplement:** 60

ISSN: 0903-1936

eISSN: 1399-3003

Record 108 of 383

Title: Z7200 versus Symbicort® Turbohaler® : A pharmacodynamic evaluation of the acute effects using functional respiratory imaging (FRI)

Author(s): Vos, W (Vos, Wim); Van Holsbeke, C (Van Holsbeke, Cedric); De Backer, J (De Backer, Jan); Caponetti, G (Caponetti, Giovanni); Castegini, F (Castegini, Franco); Sardina, M (Sardina, Marco); Raiteri, L (Raiteri, Luca); Salerio, I (Salerio, Isabella); Kottakis, I (Kottakis, Ioannis); Clukers, J (Clukers, Johan); De Backer, W (De Backer, Wilfried)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** PA968 **Volume:** 48 **DOI:** 10.1183/13993003.congress-2016.PA968 **Published Date:** 2016 SEP 1 **Supplement:** 60

ISSN: 0903-1936

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Record 109 of 383

Title: Assessment of lung deposition and analysis of the effect of fluticasone/salmeterol hydrofluoroalkane (HFA) pressurized metered dose inhaler (pMDI) in stable persistent asthma patients using functional respiratory imaging

Author(s): De Backer, J (De Backer, J.); Van Holsbeke, C (Van Holsbeke, C.); Vos, W (Vos, W.); Vinchurkar, S (Vinchurkar, S.); Dorinsky, P (Dorinsky, P.); Rebello, J (Rebello, J.); Mangale, M (Mangale, M.); Hajian, B (Hajian, B.); De Backer, W (De Backer, W.)

Source: EXPERT REVIEW OF RESPIRATORY MEDICINE **Volume:** 10 **Issue:** 8 **Pages:** 927-933 **DOI:** 10.1080/17476348.2016.1192464 **Published Date:** 2016 AUG

PubMed ID: 27227384

ISSN: 1747-6348

eISSN: 1747-6356

Record 110 of 383

Title: Assessment of FEV1 Decline after Lung Transplantation Using Functional Respiratory Imaging

Author(s): Barbosa, EM (Barbosa, E. M.); Ferreira, F (Ferreira, F.); Vos, W (Vos, W.); Van Holsbeke, C (Van Holsbeke, C.); Nuyttens, L (Nuyttens, L.); De Backer, W (De Backer, W.); De Baker, J (De Baker, J.); Lee, JC (Lee, J. C.)

Source: JOURNAL OF HEART AND LUNG TRANSPLANTATION **Meeting Abstract:** 596 **Volume:** 35 **Issue:** 4 **Pages:** S221-S221 **DOI:** 10.1016/j.healun.2016.01.624 **Published Date:** 2016 APR **Supplement:** S

ISSN: 1053-2498

eISSN: 1557-3117

Record 111 of 383

Title: Pneumococcal lower respiratory tract infections in adults: an observational case-control study in primary care in Belgium (vol 16, 66, 2015)

Author(s): Flamaing, J (Flamaing, Johan); De Backer, W (De Backer, Wilfried); Van Laethem, Y (Van Laethem, Yves); Heijmans, S (Heijmans, Stephane); Mignon, A (Mignon, Annick)

Source: BMC FAMILY PRACTICE **Volume:** 17 **Article Number:** 25 **DOI:** 10.1186/s12875-016-0420-4 **Published Date:** 2016 MAR 2

PubMed ID: 26936072

ISSN: 1471-2296

Record 112 of 383**Title:** Assessment Of Fev1 Decline After Lung Transplantation Using Functional Respiratory Imaging**Author(s):** Barbosa, EM (Barbosa, E. M.); Ferreira, F (Ferreira, F.); Vos, W (Vos, W.); Van Holsbeke, C (Van Holsbeke, C.); Nuyttens, L (Nuyttens, L.); De Backer, W (De Backer, W.); De Backer, J (De Backer, J.); Lee, JC (Lee, J. C.)**Source:** AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting****Abstract:** A4681 **Volume:** 193 **Published Date:** 2016**ISSN:** 1073-449X**eISSN:** 1535-4970**Record 113 of 383****Title:** Assessment Of The Effect Of Pulsed Inhaled Nitric Oxide In COPD Patients With Pulmonary Hypertension Using Functional Respiratory Imaging (fri)**Author(s):** Ferreira, F (Ferreira, F.); Hajian, B (Hajian, B.); Vos, W (Vos, W.); De Backer, J (De Backer, J.); Van Holsbeke, C (Van Holsbeke, C.); Nuyttens, L (Nuyttens, L.); Quinn, D (Quinn, D.); De Backer, W (De Backer, W.)**Source:** AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting****Abstract:** A6837 **Volume:** 193 **Published Date:** 2016**ISSN:** 1073-449X**eISSN:** 1535-4970**Record 114 of 383****Title:** Functional respiratory imaging (FRI) for optimizing therapy development and patient care**Author(s):** Hajian, B (Hajian, Bitá); De Backer, J (De Backer, Jan); Vos, W (Vos, Wim); Van Holsbeke, C (Van Holsbeke, Cedric); Clukers, J (Clukers, Johan); De Backer, W (De Backer, Wilfried)**Source:** EXPERT REVIEW OF RESPIRATORY MEDICINE **Volume:** 10 **Issue:** 2 **Pages:** 193-206 **DOI:** 10.1586/17476348.2016.1136216 **Published Date:** 2016**PubMed ID:** 26731531**ISSN:** 1747-6348**eISSN:** 1747-6356**Record 115 of 383****Title:** Pulmonary vascular effects of pulsed inhaled nitric oxide in COPD patients with pulmonary hypertension**Author(s):** Hajian, B (Hajian, Bitá); De Backer, J (De Backer, Jan); Vos, W (Vos, Wim); Van Holsbeke, C (Van Holsbeke, Cedric); Ferreira, F (Ferreira, Francisca); Quinn, DA (Quinn, Deborah A.); Hufkens, A (Hufkens, Annemie); Claes, R (Claes, Rita); De Backer, W (De Backer, Wilfried)**Source:** INTERNATIONAL JOURNAL OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE **Volume:** 11 **Pages:** 1533-1541 **DOI:** 10.2147/COPD.S106480 **Published Date:** 2016**PubMed ID:** 27462149**ISSN:** 1178-2005**Record 116 of 383****Title:** No Effect Of The Measurement Duration On The Within-Session Repeatability Of Respiratory

Impedance In Adults

Author(s): Oostveen, E (Oostveen, E.); Leemans, K (Leemans, K.); De Backer, W (De Backer, W.); De Soomer, K (De Soomer, K.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**

Abstract: A6355 **Volume:** 193 **Published Date:** 2016

ISSN: 1073-449X

eISSN: 1535-4970

Record 117 of 383

Title: Long-Term Effects Of Non-Invasive Ventilation At Home In Hypercapnic Patients With COPD

Author(s): Rogiers, R (Rogiers, R.); Van De Voorde, N (Van De Voorde, N.); Leemans, G (Leemans, G.); Aerts, J (Aerts, J.); Vos, W (Vos, W.); De Backer, J (De Backer, J.); De Backer, W (De Backer, W.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**

Abstract: A6880 **Volume:** 193 **Published Date:** 2016

ISSN: 1073-449X

eISSN: 1535-4970

Record 118 of 383

Title: Anatomic Predictors Of Response To Upper Airway Stimulation In Osa Patients

Author(s): Schwab, RJ (Schwab, R. J.); Wang, SHC (Wang, S. H. C.); Verbraecken, J (Verbraecken, J.); De Backer, W (De Backer, W.); Van De Heyning, P (Van De Heyning, P.); De Backer, JW (De Backer, J. W.); Keenan, BT (Keenan, B. T.); Ni, Q (Ni, Q.); Vanderveken, OM (Vanderveken, O. M.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**

Abstract: A2550 **Volume:** 193 **Published Date:** 2016

ISSN: 1073-449X

eISSN: 1535-4970

Record 119 of 383

Title: Airway Inflammation At Birth And Lung Function At School Age In Preterm Neonates: A Pilot Study

Author(s): Slaats, M (Slaats, M.); Al-Nejar, M (Al-Nejar, M.); Everaars, N (Everaars, N.); Wouters, E (Wouters, E.); Mahieu, L (Mahieu, L.); Oostveen, E (Oostveen, E.); De Dooy, J (De Dooy, J.); De Backer, W (De Backer, W.); Verhulst, S (Verhulst, S.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**

Abstract: A2660 **Volume:** 193 **Published Date:** 2016

ISSN: 1073-449X

eISSN: 1535-4970

Record 120 of 383

Title: Functional Respiratory Imaging In Normal-Weight Children And Adolescents With Obstructive Sleep Apnea

Author(s): Slaats, M (Slaats, M.); Vos, W (Vos, W.); Van Holsbeke, C (Van Holsbeke, C.); Loterman, D (Loterman, D.); De Backer, J (De Backer, J.); De Backer, W (De Backer, W.); Boudewyns, A (Boudewyns, A.); Verhulst, S (Verhulst, S.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A1212 **Volume:** 193 **Published Date:** 2016
ISSN: 1073-449X
eISSN: 1535-4970

Record 121 of 383

Title: Functional Respiratory Imaging In Children And Adolescents With Obstructive Sleep Apnea And Down Syndrome

Author(s): Slaats, M (Slaats, M.); Vos, W (Vos, W.); Van Holsbeke, C (Van Holsbeke, C.); Wojciechowski, M (Wojciechowski, M.); De Backer, J (De Backer, J.); Loterman, D (Loterman, D.); De Backer, W (De Backer, W.); Boudewyns, A (Boudewyns, A.); Verhulst, S (Verhulst, S.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A1211 **Volume:** 193 **Published Date:** 2016
ISSN: 1073-449X
eISSN: 1535-4970

Record 122 of 383

Title: Goodpasture... Think beyond the kidney

Author(s): Smeets, S (Smeets, Sander); Sirimsi, H (Sirimsi, Halil); Pjotr, E (Pjotr, Even); De Backer, W (De Backer, Wilfried)

Source: ACTA CLINICA BELGICA **Meeting Abstract:** 0034 **Volume:** 71 **Pages:** 25-26 **Published Date:** 2016 **Supplement:** 1
ISSN: 1784-3286
eISSN: 2295-3337

Record 123 of 383

Title: Sleep-Disordered Breathing And Sympathetic Activity In Obese Children And Adolescents

Author(s): Van Eyck, A (Van Eyck, A.); Van Hoorenbeeck, K (Van Hoorenbeeck, K.); De Winter, B (De Winter, B.); Van Gaal, L (Van Gaal, L.); De Backer, W (De Backer, W.); Verhulst, S (Verhulst, S.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A5608 **Volume:** 193 **Published Date:** 2016
ISSN: 1073-449X
eISSN: 1535-4970

Record 124 of 383

Title: A Functional Respiratory Imaging View On Idiopathic Pleuroparenchymal Fibroelastosis

Author(s): Verplancke, V (Verplancke, V.); Ferreira, F (Ferreira, F.); Vos, W (Vos, W.); Leemans, G (Leemans, G.); Van Holsbeke, C (Van Holsbeke, C.); De Backer, J (De Backer, J.); De Waele, M (De Waele, M.); De Backer, W (De Backer, W.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A5110 **Volume:** 193 **Published Date:** 2016
ISSN: 1073-449X
eISSN: 1535-4970

Record 125 of 383

Title: In-Silico Assessment Of Airway Deposition Using Functional Respiratory Imaging For Mono, Dual And Triple Combination Co-Suspension Metered Dose Inhaler Formulations

Author(s): Vos, W (Vos, W.); De Backer, J (De Backer, J.); Schroeder, J (Schroeder, J.); Sommerville, M (Sommerville, M.); Dwivedi, SK (Dwivedi, S. K.); De Backer, W (De Backer, W.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**

Abstract: A5811 **Volume:** 193 **Published Date:** 2016

ISSN: 1073-449X

eISSN: 1535-4970

Record 126 of 383

Title: Lower Lobe Air Trapping Is Linked To Exacerbation Recovery Rate

Author(s): Vos, W (Vos, W.); Van Holsbeke, C (Van Holsbeke, C.); Van Geffen, W (Van Geffen, W.); Kerstjens, H (Kerstjens, H.); Pistolesi, M (Pistolesi, M.); Usmani, O (Usmani, O.); Hajian, B (Hajian, B.); Cahn, A (Cahn, A.); De Backer, J (De Backer, J.); De Backer, W (De Backer, W.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**

Abstract: A5214 **Volume:** 193 **Published Date:** 2016

ISSN: 1073-449X

eISSN: 1535-4970

Record 127 of 383

Title: Functional Respiratory Imaging (fri) In Ipf: Regional Information Matters

Author(s): Vos, W (Vos, W.); Van Holsbeke, C (Van Holsbeke, C.); Ferreira, F (Ferreira, F.); De Backer, J (De Backer, J.); Goldin, JG (Goldin, J. G.); Porter, S (Porter, S.); De Backer, W (De Backer, W.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**

Abstract: A4988 **Volume:** 193 **Published Date:** 2016

ISSN: 1073-449X

eISSN: 1535-4970

Record 128 of 383

Title: Functional respiratory imaging to assess the interaction between systemic roflumilast and inhaled ICS/LABA/LAMA

Author(s): Vos, W (Vos, Wim); Hajian, B (Hajian, Bitá); De Backer, J (De Backer, Jan); Van Holsbeke, C (Van Holsbeke, Cedric); Vinchurkar, S (Vinchurkar, Samir); Claes, R (Claes, Rita); Hufkens, A (Hufkens, Annemie); Parizel, PM (Parizel, Paul M.); Bedert, L (Bedert, Lieven); De Backer, W (De Backer, Wilfried)

Source: INTERNATIONAL JOURNAL OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE **Volume:** 11 **Pages:** 263-271 **DOI:** 10.2147/COPD.S93830 **Published Date:** 2016

PubMed ID: 26917956

ISSN: 1178-2005

Record 129 of 383

Title: Effects Of Electrode Placement On Tongue Movement In Upper Airway Stimulation Therapy

Author(s): Wang, SHC (Wang, S. H. C.); Verbraecken, J (Verbraecken, J.); De Backer, JW (De Backer,

J. W.); De Backer, W (De Backer, W.); Van De Heyning, P (Van De Heyning, P.); Ni, Q (Ni, Q.); Keenan, BT (Keenan, B. T.); Vanderveken, OM (Vanderveken, O. M.); Schwab, RJ (Schwab, R. J.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**

Abstract: A2638 **Volume:** 193 **Published Date:** 2016

ISSN: 1073-449X

eISSN: 1535-4970

Record 130 of 383

Title: Effect of Disease Severity in Asthma and Chronic Obstructive Pulmonary Disease on Inhaler-Specific Inhalation Profiles Through the ELLIPTA® Dry Powder Inhaler

Author(s): Prime, D (Prime, David); de Backer, W (de Backer, Wilfried); Hamilton, M (Hamilton, Melanie); Cahn, A (Cahn, Anthony); Preece, A (Preece, Andrew); Kelleher, D (Kelleher, Dennis); Baines, A (Baines, Amanda); Moore, A (Moore, Alison); Brealey, N (Brealey, Noushin); Moynihan, J (Moynihan, Jackie)

Source: JOURNAL OF AEROSOL MEDICINE AND PULMONARY DRUG DELIVERY **Volume:** 28 **Issue:** 6 **Pages:** 486-497 **DOI:** 10.1089/jamp.2015.1224 **Published Date:** 2015 DEC 1

PubMed ID: 26372467

ISSN: 1941-2711

eISSN: 1941-2703

Record 131 of 383

Title: A young woman with asthma and eosinophilia: a case report of Eosinophilic Granulomatosis with Polyangiitis (EGPA)

Author(s): Vaerenberg, C (Vaerenberg, Carolien); Even, P (Even, Pjotr); Hajian, B (Hajian, Bitá); Aerts, O (Aerts, Olivier); Horst, N (Horst, Niels); Siozopoulou, V (Siozopoulou, Vasiliki); De Backer, W (De Backer, Wilfried)

Source: ACTA CLINICA BELGICA **Meeting Abstract:** 0007 **Volume:** 70 **Pages:** 11-12 **Published Date:** 2015 DEC **Supplement:** 3

ISSN: 1784-3286

eISSN: 2295-3337

Record 132 of 383

Title: The role of nocturnal pulse oximetry in the screening for obstructive sleep apnea in obese children and adolescents

Author(s): Van Eyck, A (Van Eyck, Annelies); Lambrechts, C (Lambrechts, Chinouk); Vanheeswijck, L (Vanheeswijck, Liesbeth); Van Hoorenbeeck, K (Van Hoorenbeeck, Kim); Haentjens, D (Haentjens, Dominique); Boudewyns, A (Boudewyns, An); De Winter, BY (De Winter, Benedicte Y.); Van Gaal, L (Van Gaal, Luc); De Backer, W (De Backer, Wilfried); Verhulst, SL (Verhulst, Stijn L.)

Source: SLEEP MEDICINE **Volume:** 16 **Issue:** 11 **Pages:** 1409-1412 **DOI:** 10.1016/j.sleep.2015.07.023 **Published Date:** 2015 NOV

PubMed ID: 26498244

ISSN: 1389-9457

eISSN: 1878-5506

Record 133 of 383

Title: Determinants of Objective Compliance During Oral Appliance Therapy in Patients With Sleep-Disordered Breathing A Prospective Clinical Trial

Author(s): Dieltjens, M (Dieltjens, Marijke); Verbruggen, AE (Verbruggen, Annelies E.); Braem, MJ (Braem, Marc J.); Wouters, K (Wouters, Kristien); Verbraecken, JA (Verbraecken, Johan A.); De Backer, WA (De Backer, Wilfried A.); Hamans, E (Hamans, Evert); Van de Heyning, PH (Van de Heyning, Paul H.); Vanderveken, OM (Vanderveken, Olivier M.)

Source: JAMA OTOLARYNGOLOGY-HEAD & NECK SURGERY **Volume:** 141 **Issue:** 10 **Pages:** 894-900 **DOI:** 10.1001/jamaoto.2015.1756 **Published Date:** 2015 OCT

PubMed ID: 26402736

ISSN: 2168-6181

eISSN: 2168-619X

Record 134 of 383

Title: Functional Respiratory Imaging as a sensitive biomarker to assess therapeutic interventions in lung diseases

Author(s): De Backer, J (De Backer, Jan); Vos, W (Vos, Wim); Van Holsbeke, C (Van Holsbeke, Cedric); Ferreira, F (Ferreira, Francisca); Vinchurkar, S (Vinchurkar, Samir); Hajian, B (Hajian, Bitan); De Backer, W (De Backer, Wilfried)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** PA507 **Volume:** 46 **DOI:** 10.1183/13993003.congress-2015.PA507 **Published Date:** 2015 SEP 1 **Supplement:** 59

ISSN: 0903-1936

eISSN: 1399-3003

Record 135 of 383

Title: Non-invasive measures to detect ventilatory limitation during exercise

Author(s): De Soomer, K (De Soomer, Kevin); Van den Eynde, K (Van den Eynde, Karlien); Even, P (Even, Pjotr); De Backer, W (De Backer, Wilfried); Oostveen, E (Oostveen, Ellie)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** OA304 **Volume:** 46 **DOI:** 10.1183/13993003.congress-2015.OA304 **Published Date:** 2015 SEP 1 **Supplement:** 59

ISSN: 0903-1936

eISSN: 1399-3003

Record 136 of 383

Title: Progressive TLC loss after unilateral lung transplantation in IPF: Functional respiratory imaging differentiates between transplanted and native lung

Author(s): Ferreira, F (Ferreira, Francisca); Verplancke, V (Verplancke, Veronique); Vos, W (Vos, Wim); Van Holsbeke, C (Van Holsbeke, Cedric); De Backer, J (De Backer, Jan); De Backer, W (De Backer, Wilfried); Van Hal, P (Van Hal, Peter)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** PA3750 **Volume:** 46 **DOI:** 10.1183/13993003.congress-2015.PA3750 **Published Date:** 2015 SEP 1 **Supplement:** 59

ISSN: 0903-1936

eISSN: 1399-3003

Record 137 of 383

Title: LATE-BREAKING ABSTRACT: Pulmonary vascular effects after pulsed inhaled NO evaluated by functional respiratory imaging (FRI)

Author(s): Hajian, B (Hajian, Bitá); Ferreira, F (Ferreira, Francisca); Vos, W (Vos, Wim); De Backer, J (De Backer, Jan); Van Holsbeke, C (Van Holsbeke, Cedric); Greene, D (Greene, Douglas); Heyrman, R (Heyrman, Reinilde); De Backer, W (De Backer, Wilfried)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** OA4993 **Volume:** 46 **DOI:** 10.1183/13993003.congress-2015.OA4993 **Published Date:** 2015 SEP 1 **Supplement:** 59

ISSN: 0903-1936

eISSN: 1399-3003

Record 138 of 383

Title: Assessing regional PEEP-related airway opening and dilatation in ARDS patients

Author(s): Schepens, T (Schepens, Tom); Van Holsbeke, C (Van Holsbeke, Cedric); Vos, W (Vos, Wim); De Backer, J (De Backer, Jan); Parizel, P (Parizel, Paul); De Backer, W (De Backer, Wilfried); Rouby, JJ (Rouby, Jean-Jacques); Jorens, PG (Jorens, Phillipe G.)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** OA4472 **Volume:** 46 **DOI:** 10.1183/13993003.congress-2015.OA4472 **Published Date:** 2015 SEP 1 **Supplement:** 59

ISSN: 0903-1936

eISSN: 1399-3003

Record 139 of 383

Title: Functional respiratory imaging in obese children and adolescents with obstructive sleep apnea

Author(s): Slaats, M (Slaats, Monique); Vos, W (Vos, Wim); Van Holsbeke, C (Van Holsbeke, Cedric); De Backer, J (De Backer, Jan); Van Hoorenbeeck, K (Van Hoorenbeeck, Kim); Boudewyns, A (Boudewyns, An); De Backer, W (De Backer, Wilfried); Verhulst, S (Verhulst, Stijn)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** PA2424 **Volume:** 46 **DOI:** 10.1183/13993003.congress-2015.PA2424 **Published Date:** 2015 SEP 1 **Supplement:** 59

ISSN: 0903-1936

eISSN: 1399-3003

Record 140 of 383

Title: Functional respiratory imaging in children with Down syndrome and OSA

Author(s): Slaats, M (Slaats, Monique); Vos, W (Vos, Wim); Van Holsbeke, C (Van Holsbeke, Cedric); Wojciechowski, M (Wojciechowski, Marek); De Backer, J (De Backer, Jan); Loterman, D (Loterman, Dieter); Boudewyns, A (Boudewyns, An); De Backer, W (De Backer, Wilfried); Verhulst, S (Verhulst, Stijn)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** PA4162 **Volume:** 46 **DOI:** 10.1183/13993003.congress-2015.PA4162 **Published Date:** 2015 SEP 1 **Supplement:** 59

ISSN: 0903-1936

eISSN: 1399-3003

Record 141 of 383

Title: The role of nocturnal pulse oximetry in the screening for obstructive sleep apnea in obese children and adolescents

Author(s): Van Eyck, A (Van Eyck, Annelies); Vanheeswijck, L (Vanheeswijck, Liesbeth); Lambrechts, C (Lambrechts, Chinouk); Van Hoorenbeeck, K (Van Hoorenbeeck, Kim); Boudewyns, A (Boudewyns, An); De Winter, B (De Winter, Benedicte); Van Gaal, L (Van Gaal, Luc); De Backer, W (De Backer, Wilfried); Verhulst, S (Verhulst, Stijn)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** OA1481 **Volume:** 46 **DOI:** 10.1183/13993003.congress-2015.OA1481 **Published Date:** 2015 SEP 1 **Supplement:** 59

ISSN: 0903-1936

eISSN: 1399-3003

Record 142 of 383

Title: Sleep-disordered breathing and adipokine secretion in obese children and adolescents

Author(s): Van Eyck, A (Van Eyck, Annelies); Van Hoorenbeeck, K (Van Hoorenbeeck, Kim); De Winter, B (De Winter, Benedicte); Van Gaal, L (Van Gaal, Luc); De Backer, W (De Backer, Wilfried); Verhulst, S (Verhulst, Stijn)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** PA4168 **Volume:** 46 **DOI:** 10.1183/13993003.congress-2015.PA4168 **Published Date:** 2015 SEP 1 **Supplement:** 59

ISSN: 0903-1936

eISSN: 1399-3003

Record 143 of 383

Title: Improvement in FEV1 after acute COPD exacerbations are driven more by changes in hyperinflation than changes in proximal airway volume

Author(s): Van Holsbeke, C (Van Holsbeke, Cedric); Vos, W (Vos, Wim); Van Geffen, W (Van Geffen, Wouter); Kerstjens, H (Kerstjens, Huib); Pistolesi, M (Pistolesi, Massimo); Usmani, O (Usmani, Omar); Hajian, B (Hajian, Bitan); Cahn, A (Cahn, Anthony); De Backer, J (De Backer, Jan); De Backer, W (De Backer, Wilfried)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** PA4612 **Volume:** 46 **DOI:** 10.1183/13993003.congress-2015.PA4612 **Published Date:** 2015 SEP 1 **Supplement:** 59

ISSN: 0903-1936

eISSN: 1399-3003

Record 144 of 383

Title: The role of functional respiratory imaging in the prediction of treatment outcome with fixed mandibular advancement in OSA patients

Author(s): Vos, W (Vos, Wim); Vanderveken, OM (Vanderveken, Olivier M.); De Backer, J (De Backer, Jan); Wouters, K (Wouters, Kristien); De Backer, W (De Backer, Wilfried); Dieltjens, M (Dieltjens, Marijke); Braem, M (Braem, Marc)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** PA3373 **Volume:** 46 **DOI:** 10.1183/13993003.congress-2015.PA3373 **Published Date:** 2015 SEP 1 **Supplement:** 59

ISSN: 0903-1936

eISSN: 1399-3003

Record 145 of 383

Title: Changes in FEV₁ after recovery from COPD exacerbation are driven by heterogeneous regional changes in airway caliber and hyperinflation

Author(s): Vos, W (Vos, Wim); Van Holsbeke, C (Van Holsbeke, Cedric); Van Geffen, W (Van Geffen, Wouter); Kerstjens, H (Kerstjens, Huib); Pistolesi, M (Pistolesi, Massimo); Usmani, O (Usmani, Omar); Hajian, B (Hajian, Bitan); Cahn, A (Cahn, Antony); De Backer, J (De Backer, Jan); De Backer, W (De Backer, Wilfried)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** PA2271 **Volume:** 46 **DOI:** 10.1183/13993003.congress-2015.PA2271 **Published Date:** 2015 SEP 1 **Supplement:** 59

ISSN: 0903-1936

eISSN: 1399-3003

Record 146 of 383

Title: Changes in functional respiratory imaging (FRI) endpoints correlate with changes in patient reported outcomes (PRO) after recovering from acute COPD exacerbation

Author(s): Vos, W (Vos, Wim); Van Holsbeke, C (Van Holsbeke, Cedric); Van Geffen, W (Van Geffen, Wouter); Kerstjens, H (Kerstjens, Huib); Pistolesi, M (Pistolesi, Massimo); Usmani, O (Usmani, Omar); Hajian, B (Hajian, Bitan); Cahn, A (Cahn, Anthony); De Backer, J (De Backer, Jan); De Backer, W (De Backer, Wilfried)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** OA2948 **Volume:** 46 **DOI:** 10.1183/13993003.congress-2015.OA2948 **Published Date:** 2015 SEP 1 **Supplement:** 59

ISSN: 0903-1936

eISSN: 1399-3003

Record 147 of 383

Title: REM rebound during CPAP titration as a predictor of chronic CPAP compliance

Author(s): Vranken, T (Vranken, Timothy); De Volder, I (De Volder, Ilse); Van Gastel, A (Van Gastel, Ann); Hamans, E (Hamans, Evert); Vanderveken, O (Vanderveken, Olivier); Van de Heyning, P (Van de Heyning, Paul); De Backer, W (De Backer, Wilfried); Verbraecken, J (Verbraecken, Johan)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** PA2403 **Volume:** 46 **DOI:** 10.1183/13993003.congress-2015.PA2403 **Published Date:** 2015 SEP 1 **Supplement:** 59

ISSN: 0903-1936

eISSN: 1399-3003

Record 148 of 383

Title: Upper airway imaging in pediatric obstructive sleep apnea syndrome

Author(s): Slaats, MA (Slaats, Monique A.); Van Hoorenbeeck, K (Van Hoorenbeeck, Kim); Van Eyck, A (Van Eyck, Annelies); Vos, WG (Vos, Wim G.); De Backer, JW (De Backer, Jan W.); Boudewyns, A (Boudewyns, An); De Backer, W (De Backer, Wilfried); Verhulst, SL (Verhulst, Stijn L.)

Source: SLEEP MEDICINE REVIEWS **Volume:** 21 **Pages:** 59-71 **DOI:** 10.1016/j.smrv.2014.08.001 **Published Date:** 2015 JUN

PubMed ID: 25438733

ISSN: 1087-0792

eISSN: 1532-2955

Record 149 of 383

Title: Pneumococcal lower respiratory tract infections in adults: an observational case-control study in primary care in Belgium

Author(s): Flamaing, J (Flamaing, Johan); De Backer, W (De Backer, Wilfried); Van Laethem, Y (Van Laethem, Yves); Heijmans, S (Heijmans, Stephane); Mignon, A (Mignon, Annick)

Source: BMC FAMILY PRACTICE **Volume:** 16 **Article Number:** 66 **DOI:** 10.1186/s12875-015-0282-1 **Published Date:** 2015 MAY 27

PubMed ID: 26012956

ISSN: 1471-2296

Record 150 of 383

Title: A promising concept of combination therapy for positional obstructive sleep apnea

Author(s): Dieltjens, M (Dieltjens, Marijke); Vroegop, AV (Vroegop, Anneclaire V.); Verbruggen, AE (Verbruggen, Annelies E.); Wouters, K (Wouters, Kristien); Willemen, M (Willemen, Marc); De Backer, WA (De Backer, Wilfried A.); Verbraecken, JA (Verbraecken, Johan A.); Van de Heyning, PH (Van de Heyning, Paul H.); Braem, MJ (Braem, Marc J.); de Vries, N (de Vries, Nico); Vanderveken, OM (Vanderveken, Olivier M.)

Source: SLEEP AND BREATHING **Volume:** 19 **Issue:** 2 **Pages:** 637-644 **DOI:** 10.1007/s11325-014-1068-8 **Published Date:** 2015 MAY

PubMed ID: 25335642

ISSN: 1520-9512

eISSN: 1522-1709

Record 151 of 383

Title: The Effects of Extrafine Beclometasone/Formoterol (BDP/F) on Lung Function, Dyspnea, Hyperinflation, and Airway Geometry in COPD Patients: Novel Insight Using Functional Respiratory Imaging

Author(s): De Backer, J (De Backer, Jan); Vos, W (Vos, Wim); Vinchurkar, S (Vinchurkar, Samir); Van Holsbeke, C (Van Holsbeke, Cedric); Poli, G (Poli, Gianluigi); Claes, R (Claes, Rita); Salgado, R (Salgado, Rodrigo); De Backer, W (De Backer, Wilfried)

Source: JOURNAL OF AEROSOL MEDICINE AND PULMONARY DRUG DELIVERY **Volume:** 28 **Issue:** 2 **Pages:** 88-99 **DOI:** 10.1089/jamp.2013.1064 **Published Date:** 2015 APR 1

PubMed ID: 25004168

ISSN: 1941-2711

eISSN: 1941-2703

Record 152 of 383

Title: Estimation of post-operative forced expiratory volume by functional respiratory imaging

Author(s): Janssens, A (Janssens, Annelies); Vos, W (Vos, Wim); Van Holsbeke, C (Van Holsbeke, Cedric); Van Schil, P (Van Schil, Paul); Oostveen, E (Oostveen, Ellie); De Backer, J (De Backer, Jan); Carps, L (Carps, Laurens); Snoeckx, A (Snoeckx, Annemie); De Backer, W (De Backer, Wilfried); van Meerbeeck, JP (van Meerbeeck, Jan P.)

Source: EUROPEAN RESPIRATORY JOURNAL **Volume:** 45 **Issue:** 2 **Pages:** 544-546 **DOI:** 10.1183/09031936.00168314 **Published Date:** 2015 FEB

PubMed ID: 25537561

ISSN: 0903-1936

eISSN: 1399-3003

Record 153 of 383**Title:** Phenotyping The Hospitalized Pulmonary Embolism Patient: A Retrospective Search**Author(s):** Aerts, J (Aerts, J.); Van Eyck, A (Van Eyck, A.); Hufkens, A (Hufkens, A.); De Backer, W (De Backer, W.)**Source:** AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting****Abstract:** A4892 **Volume:** 191 **Published Date:** 2015**ISSN:** 1073-449X**eISSN:** 1535-4970**Record 154 of 383****Title:** Functional Respiratory Imaging As A Tool For Phenotyping Asthmatic Patients**Author(s):** De Backer, W (De Backer, W.); Wenzel, SE (Wenzel, S. E.); Leader, JK (Leader, J. K.); Van Holsbeke, C (Van Holsbeke, C.); Vos, W (Vos, W.); Hajian, B (Hajian, B.); De Backer, J (De Backer, J.)**Source:** AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting****Abstract:** A2264 **Volume:** 191 **Published Date:** 2015**ISSN:** 1073-449X**eISSN:** 1535-4970**Record 155 of 383****Title:** Pulmonary Vascular Effects After Inhaled No Evaluated By Functional Respiratory Imaging**Author(s):** Hajian, B (Hajian, B.); Vos, W (Vos, W.); De Backer, J (De Backer, J.); Van Holsbeke, C (Van Holsbeke, C.); Claes, R (Claes, R.); De Backer, W (De Backer, W.)**Source:** AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting****Abstract:** A4809 **Volume:** 191 **Published Date:** 2015**ISSN:** 1073-449X**eISSN:** 1535-4970**Record 156 of 383****Title:** Functional Respiratory Imaging In A COPDgene Cohort**Author(s):** Hajian, B (Hajian, B.); Van Holsbeke, C (Van Holsbeke, C.); Vos, W (Vos, W.); De Backer, J (De Backer, J.); Lynch, DA (Lynch, D. A.); De Backer, WA (De Backer, W. A.)**Group Author(s):** COPDgene Investigators**Source:** AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting****Abstract:** A2265 **Volume:** 191 **Published Date:** 2015**ISSN:** 1073-449X**eISSN:** 1535-4970**Record 157 of 383****Title:** JAMF-based Representation for Computational Lung Sound Analysis**Author(s):** Michiels, N (Michiels, Nick); Walsh, EP (Walsh, Edwin P.); Laurijssen, D (Laurijssen, Dennis); Leemans, G (Leemans, Glenn); De Backer, W (De Backer, Wilfried); Steckel, J (Steckel, Jan)**Book Group Author(s):** IEEE**Source:** 2015 IEEE SENSORS **Book Series:** IEEE Sensors **Pages:** 142-145 **Published Date:** 2015

ISSN: 1930-0395

ISBN: 978-1-4799-8203-5

Record 158 of 383

Title: Timing Of Wheeze In Early Life Is Associated With The Lung Function Of Children At The School Age

Author(s): Oostveen, E (Oostveen, E.); Bentouhami, H (Bentouhami, H.); Van den Eynde, K (Van den Eynde, K.); Korstanje, R (Korstanje, R.); Zwaans, E (Zwaans, E.); De Backer, W (De Backer, W.); Weyler, J (Weyler, J.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A2319 **Volume:** 191 **Published Date:** 2015

ISSN: 1073-449X

eISSN: 1535-4970

Record 159 of 383

Title: Designing a Workshop to Alert Trainers on the Nature of Observation for Workplace Based Assessment

Author(s): Peeraer, G (Peeraer, G.); De Backer, W (De Backer, W.); De Win, G (De Win, G.)

Source: BRITISH JOURNAL OF SURGERY **Meeting Abstract:** 1317 **Volume:** 102 **Pages:** 111-112 **Published Date:** 2015 JAN **Supplement:** 1

ISSN: 0007-1323

eISSN: 1365-2168

Record 160 of 383

Title: Functional Respiratory Imaging (fri) To Separate Regional Peep Induced Alveolar Recruitment From Overdistention In Ards Patients

Author(s): Schepens, T (Schepens, T.); Van Holsbeke, C (Van Holsbeke, C.); De Backer, J (De Backer, J.); De Backer, W (De Backer, W.); Vos, W (Vos, W.); Jorens, PG (Jorens, P. G.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A3111 **Volume:** 191 **Published Date:** 2015

ISSN: 1073-449X

eISSN: 1535-4970

Record 161 of 383

Title: Functional Respiratory Imaging In Obese Children And Adolescents With Obstructive Sleep Apnea

Author(s): Slaats, M (Slaats, M.); Vos, W (Vos, W.); Van Holsbeke, C (Van Holsbeke, C.); De Backer, J (De Backer, J.); Van Hoorenbeeck, K (Van Hoorenbeeck, K.); Boudewyns, A (Boudewyns, A.); De Backer, W (De Backer, W.); Verhulst, S (Verhulst, S.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A2616 **Volume:** 191 **Published Date:** 2015

ISSN: 1073-449X

eISSN: 1535-4970

Record 162 of 383**Title:** Sleep-Disordered Breathing And Thyroid Function In Obese Children And Adolescents**Author(s):** Van Eyck, A (Van Eyck, A.); Van Hoorenbeeck, K (Van Hoorenbeeck, K.); De Winter, BY (De Winter, B. Y.); Van Gaal, L (Van Gaal, L.); De Backer, W (De Backer, W.); Verhulst, SL (Verhulst, S. L.)**Source:** AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting****Abstract:** A5055 **Volume:** 191 **Published Date:** 2015**ISSN:** 1073-449X**eISSN:** 1535-4970**Record 163 of 383****Title:** Sleep-Disordered Breathing And Adipokine Secretion In Obese Children And Adolescents**Author(s):** Van Eyck, A (Van Eyck, A.); Van Hoorenbeeck, K (Van Hoorenbeeck, K.); De Winter, BY (De Winter, B. Y.); Van Gaal, L (Van Gaal, L.); De Backer, W (De Backer, W.); Verhulst, SL (Verhulst, S. L.)**Source:** AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting****Abstract:** A2599 **Volume:** 191 **Published Date:** 2015**ISSN:** 1073-449X**eISSN:** 1535-4970**Record 164 of 383****Title:** Exacerbation Recovery Quantified By Functional Respiratory Imaging**Author(s):** Van Geffen, W (Van Geffen, W.); Vos, W (Vos, W.); Van Holsbeke, C (Van Holsbeke, C.); De Backer, J (De Backer, J.); Cahn, A (Cahn, A.); Usmani, O (Usmani, O.); Pistolesi, M (Pistolesi, M.); Kerstjens, HAM (Kerstjens, H. A. M.); De Backer, W (De Backer, W.)**Source:** AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting****Abstract:** A2270 **Volume:** 191 **Published Date:** 2015**ISSN:** 1073-449X**eISSN:** 1535-4970**Record 165 of 383****Title:** The Role Of Functional Respiratory Imaging (fri) In The Prediction Of Treatment Outcome With Fixed Mandibular Advancement In Osa Patients**Author(s):** Vanderveken, OM (Vanderveken, O. M.); Vos, W (Vos, W.); De Backer, J (De Backer, J.); Wouters, K (Wouters, K.); De Backer, W (De Backer, W.); Dieltjens, M (Dieltjens, M.); Braem, M (Braem, M.)**Source:** AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting****Abstract:** A2473 **Volume:** 191 **Published Date:** 2015**ISSN:** 1073-449X**eISSN:** 1535-4970**Record 166 of 383****Title:** Drug-Induced Sedation Endoscopy (dise) Findings Correlate With Treatment Outcome In Osa Patients Treated With Oral Appliance Therapy In A Fixed Mandibular Protrusion

Author(s): Vanderveken, OM (Vanderveken, O. M.); Dieltjens, M (Dieltjens, M.); Wouters, K (Wouters, K.); Verbruggen, A (Verbruggen, A.); Vroegop, AV (Vroegop, A. V.); Hamans, E (Hamans, E.); Verbraecken, J (Verbraecken, J.); De Backer, W (De Backer, W.); Van De Heyning, P (Van De Heyning, P.); Braem, M (Braem, M.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A2474 **Volume:** 191 **Published Date:** 2015

ISSN: 1073-449X

eISSN: 1535-4970

Record 167 of 383

Title: The Role Of Functional Respiratory Imaging In The Prediction Of Treatment Outcome With Fixed Mandibular Advancement In Osa Patients

Author(s): Vos, W (Vos, W.); Vanderveken, OM (Vanderveken, O. M.); De Backer, J (De Backer, J.); Wouters, K (Wouters, K.); De Backer, W (De Backer, W.); Dieltjens, M (Dieltjens, M.); Braem, M (Braem, M.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A5610 **Volume:** 191 **Published Date:** 2015

ISSN: 1073-449X

eISSN: 1535-4970

Record 168 of 383

Title: Comparison Of Ipf Disease Pathology To Healthy Subjects Using Functional Respiratory Imaging

Author(s): Vos, W (Vos, W.); Van Holsbeke, C (Van Holsbeke, C.); Ferreira, F (Ferreira, F.); Nuytens, L (Nuytens, L.); O'Riordan, TG (O'Riordan, T. G.); De Backer, J (De Backer, J.); De Backer, W (De Backer, W.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A4377 **Volume:** 191 **Published Date:** 2015

ISSN: 1073-449X

eISSN: 1535-4970

Record 169 of 383

Title: Correlation Between Changes In Fev1 And Functional Respiratory Imaging Biomarkers In A Large Population Of Asthma And COPD Patients

Author(s): Vos, W (Vos, W.); Van Holsbeke, C (Van Holsbeke, C.); De Backer, J (De Backer, J.); De Backer, WA (De Backer, W. A.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A2266 **Volume:** 191 **Published Date:** 2015

ISSN: 1073-449X

eISSN: 1535-4970

Record 170 of 383

Title: Effect of a physical conditioning versus health promotion intervention in dancers: A randomized controlled trial

Author(s): Roussel, NA (Roussel, Nathalie A.); Vissers, D (Vissers, Dirk); Kuppens, K (Kuppens, Kevin); Fransen, E (Fransen, Erik); Truijen, S (Truijen, Steven); Nijs, J (Nijs, Jo); De Backer, W (De

Backer, Wilfried)

Source: MANUAL THERAPY **Volume:** 19 **Issue:** 6 **Pages:** 562-568 **DOI:** 10.1016/j.math.2014.05.008 **Published Date:** 2014 DEC

PubMed ID: 24951437

ISSN: 1356-689X

eISSN: 1532-2769

Record 171 of 383

Title: A double blind placebo controlled study to assess the effect of roflumilast in addition to LABA/LAMA/ICS treatment in COPD patients using novel biomarkers

Author(s): De Backer, J (De Backer, Jan); Vos, W (Vos, Wim); Van Holsbeke, C (Van Holsbeke, Cedric); Claes, R (Claes, Rita); Hufkens, A (Hufkens, Annemie); Verplancke, V (Verplancke, Veronique); Bedert, L (Bedert, Lieven); De Backer, W (De Backer, Wilfried)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 4670 **Volume:** 44 **Published Date:** 2014 SEP **Supplement:** 58

ISSN: 0903-1936

eISSN: 1399-3003

Record 172 of 383

Title: Internal airflow distribution is driven by lobar volume, hyperinflation and emphysema score in COPD patients

Author(s): De Backer, W (De Backer, Wilfried); Van Holsbeke, C (Van Holsbeke, Cedric); Claes, R (Claes, Rita); Hufkens, A (Hufkens, Annemie); Bedert, L (Bedert, Lieven); Van Hal, P (Van Hal, Peter); De Backer, J (De Backer, Jan); Vos, W (Vos, Wim)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** P2137 **Volume:** 44 **Published Date:** 2014 SEP **Supplement:** 58

ISSN: 0903-1936

eISSN: 1399-3003

Record 173 of 383

Title: Pneumococcal serotypes in adult lower respiratory tract infections in primary care in Belgium

Author(s): De Backer, W (De Backer, Wilfried); Flamaing, J (Flamaing, Johan); Van Laethem, Y (Van Laethem, Yves); Heijmans, S (Heijmans, Stephane); Mignon, A (Mignon, Annick)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** P1053 **Volume:** 44 **Published Date:** 2014 SEP **Supplement:** 58

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eISSN: 1399-3003

Record 174 of 383

Title: Pneumococcal serotypes in adult lower respiratory tract infections in primary care in Belgium

Author(s): De Backer, W (De Backer, Wilfried); Flamaing, J (Flamaing, Johan); Van Laethem, Y (Van Laethem, Yves); Heijmans, S (Heijmans, Stephane); Mignon, A (Mignon, Annick)

Source: EUROPEAN RESPIRATORY JOURNAL **Volume:** 44 **Published Date:** 2014 SEP **Supplement:** 58

ISSN: 0903-1936

eISSN: 1399-3003

Record 175 of 383

Title: Detection of flow limitation in COPD patients using two different forced oscillation devices

Author(s): De Soomer, K (De Soomer, K.); Vints, AM (Vints, A. -M.); Heyndrickx, R (Heyndrickx, R.); Claus, L (Claus, L.); De Backer, W (De Backer, W.); Oostveen, E (Oostveen, E.)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** P1817 **Volume:** 44 **Published Date:** 2014 SEP **Supplement:** 58

ISSN: 0903-1936

eISSN: 1399-3003

Record 176 of 383

Title: Retreatment With Varenicline for Smoking Cessation in Smokers Who Have Previously Taken Varenicline: A Randomized, Placebo-Controlled Trial

Author(s): Gonzales, D (Gonzales, D.); Hajek, P (Hajek, P.); Pliamm, L (Pliamm, L.); Nackaerts, K (Nackaerts, K.); Tseng, LJ (Tseng, L-J); Mcrae, TD (Mcrae, T. D.); Treadow, J (Treadow, J.)

Source: CLINICAL PHARMACOLOGY & THERAPEUTICS **Volume:** 96 **Issue:** 3 **Pages:** 390-396 **DOI:** 10.1038/clpt.2014.124 **Published Date:** 2014 SEP

PubMed ID: 24911368

ISSN: 0009-9236

eISSN: 1532-6535

Record 177 of 383

Title: Local effect of airway clearance techniques in COPD patients

Author(s): Ides, K (Ides, Kris); Van Holsbeke, C (Van Holsbeke, Cedric); Leemans, G (Leemans, Glenn); Vos, W (Vos, Wim); De Backer, J (De Backer, Jan); Claes, R (Claes, Rita); Vissers, D (Vissers, Dirk); De Backer, W (De Backer, Wilfried)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** P1275 **Volume:** 44 **Published Date:** 2014 SEP **Supplement:** 58

ISSN: 0903-1936

eISSN: 1399-3003

Record 178 of 383

Title: The influence of diaphragm paralysis on regional ventilation

Author(s): Leemans, G (Leemans, Glenn); Van Holsbeke, C (Van Holsbeke, Cedric); De Backer, J (De Backer, Jan); Claes, R (Claes, Rita); Verplancke, V (Verplancke, Veronique); Vervliet, L (Vervliet, Liesbeth); Vos, W (Vos, Wim); De Backer, W (De Backer, Wilfried)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** P2448 **Volume:** 44 **Published Date:** 2014 SEP **Supplement:** 58

ISSN: 0903-1936

eISSN: 1399-3003

Record 179 of 383

Title: The effect of a mechanical insufflator-exsufflator on wall shear stress by functional respiratory imaging

Author(s): Leemans, G (Leemans, Glenn); Ides, K (Ides, Kris); Van Doninck, T (Van Doninck, Tanja); Van Holsbeke, C (Van Holsbeke, Cedric); De Backer, J (De Backer, Jan); Vos, W (Vos, Wim); De Backer, W (De Backer, Wilfried)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** P4298 **Volume:** 44 **Published Date:** 2014 SEP **Supplement:** 58

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Record 180 of 383

Title: The effect of a mechanical insufflator-exsufflator on wall shear stress by functional respiratory imaging

Author(s): Leemans, G (Leemans, Glenn); Ides, K (Ides, Kris); Van Doninck, T (Van Doninck, Tanja); Van Holsbeke, C (Van Holsbeke, Cedric); De Backer, J (De Backer, Jan); Vos, W (Vos, Wim); De Backer, W (De Backer, Wilfried)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** P4298 **Volume:** 44 **Published Date:** 2014 SEP **Supplement:** 58

ISSN: 0903-1936

eISSN: 1399-3003

Record 181 of 383

Title: Instrument variability in the measurement of respiratory resistance

Author(s): Oostveen, E (Oostveen, Ellie); De Soomer, K (De Soomer, K.); Otte, JA (Otte, J. A.); Vints, AM (Vints, A. -M.); De Backer, W (De Backer, W.)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** P1823 **Volume:** 44 **Published Date:** 2014 SEP **Supplement:** 58

ISSN: 0903-1936

eISSN: 1399-3003

Record 182 of 383

Title: Assessment of the effect of mouthpiece design on upper airway geometry using functional respiratory imaging

Author(s): Van Holsbeke, C (Van Holsbeke, Cedric); Vos, W (Vos, Wim); Hamilton, M (Hamilton, Melanie); Claes, R (Claes, Rita); Prime, D (Prime, Dave); Vanhevel, F (Vanhevel, Floris); De Backer, J (De Backer, Jan); Nadjmi, N (Nadjmi, Nasser); Parizel, P (Parizel, Paul); De Backer, W (De Backer, Wilfried)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** P553 **Volume:** 44 **Published Date:** 2014 SEP **Supplement:** 58

ISSN: 0903-1936

eISSN: 1399-3003

Record 183 of 383

Title: Estimation of internal airflow redistribution in function of PEEP in NIV

Author(s): Van Holsbeke, C (Van Holsbeke, Cedric); Vos, W (Vos, Wim); Aerts, J (Aerts, Jelle); Daems, D (Daems, Denise); De Backer, J (De Backer, Jan); Parizel, P (Parizel, Paul); De Backer, W (De Backer, Wilfried)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 4872 **Volume:** 44 **Published Date:** 2014 SEP **Supplement:** 58

ISSN: 0903-1936

eISSN: 1399-3003

Record 184 of 383

Title: Functional Respiratory Imaging as a Tool to Personalize Respiratory Treatment in Patients With Unilateral Diaphragmatic Paralysis

Author(s): Van Holsbeke, CS (Van Holsbeke, Cedric S.); Leemans, G (Leemans, Glenn); Vos, WG (Vos, Wim G.); De Backer, JW (De Backer, Jan W.); Vinchurkar, SC (Vinchurkar, Samir C.); Geldof, M (Geldof, Michel); Verdonck, PR (Verdonck, Pascal R.); Parizel, PM (Parizel, Paul M.); Van Schil, PE (Van Schil, Paul E.); De Backer, WA (De Backer, Wilfried A.)

Source: RESPIRATORY CARE **Volume:** 59 **Issue:** 9 **Pages:** E127-E131 **DOI:** 10.4187/respcare.02756 **Published Date:** 2014 SEP

PubMed ID: 24327746

ISSN: 0020-1324

eISSN: 1943-3654

Record 185 of 383

Title: The effect of fixed mandibular advancement on regional upper airway geometry in OSA patients

Author(s): Vanderveken, OM (Vanderveken, Olivier M.); Vos, W (Vos, Wim); De Backer, J (De Backer, Jan); Wouters, K (Wouters, Kristien); De Backer, W (De Backer, Wilfried); Dieltjens, M (Dieltjens, Marijke); Braem, M (Braem, Marc)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** P1529 **Volume:** 44 **Published Date:** 2014 SEP **Supplement:** 58

ISSN: 0903-1936

eISSN: 1399-3003

Record 186 of 383

Title: Complete resolution of large iatrogenic tracheal laceration with conservative approach

Author(s): Vervliet, L (Vervliet, Liesbeth); Van Schil, P (Van Schil, Paul); Vos, W (Vos, Wim); Beyltjens, T (Beyltjens, Tessi); Vroon, R (Vroon, Rogier); De Backer, W (De Backer, Wilfried); Van Hal, P (Van Hal, Peter)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** P2441 **Volume:** 44 **Published Date:** 2014 SEP **Supplement:** 58

ISSN: 0903-1936

eISSN: 1399-3003

Record 187 of 383

Title: No association between exhaled nitric oxide and the outcome of the eucapnic voluntary

hyperpnoea provocation test in patients suspected of exercised-induced bronchoconstriction

Author(s): Vints, AM (Vints, A. -M.); Cuypers, H (Cuypers, H.); De Schutter, G (De Schutter, G.); Moustie, S (Moustie, S.); Vervliet, L (Vervliet, L.); De Backer, W (De Backer, W.); Oostveen, E (Oostveen, E.)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** P3978 **Volume:** 44 **Published Date:** 2014 SEP **Supplement:** 58

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Record 188 of 383

Title: No association between exhaled nitric oxide and the outcome of the eucapnic voluntary hyperpnoea provocation test in patients suspected of exercised induced bronchoconstriction

Author(s): Vints, AM (Vints, A. -M.); Cuypers, H (Cuypers, H.); De Schutter, G (De Schutter, G.); Moustie, S (Moustie, S.); Vervliet, L (Vervliet, L.); De Backer, W (De Backer, W.); Oostveen, E (Oostveen, E.)

Source: EUROPEAN RESPIRATORY JOURNAL **Volume:** 44 **Published Date:** 2014 SEP **Supplement:** 58

ISSN: 0903-1936

eISSN: 1399-3003

Record 189 of 383

Title: Nomenclature of broncho-pulmonary anatomy: 60 years later

Author(s): Vos, W (Vos, Wim); Volkovych, S (Volkovych, Sergiy); Van Holsbeke, C (Van Holsbeke, Cedric); Veeckmans, B (Veeckmans, Bart); De Backer, J (De Backer, Jan); De Backer, W (De Backer, Wilfried)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** P548 **Volume:** 44 **Published Date:** 2014 SEP **Supplement:** 58

ISSN: 0903-1936

eISSN: 1399-3003

Record 190 of 383

Title: Functional respiratory imaging to predict postoperative FEV1 after lobectomy/pneumonectomy

Author(s): Vos, W (Vos, Wim); Janssens, A (Janssens, Annelies); Van Holsbeke, C (Van Holsbeke, Cedric); Leemans, G (Leemans, Glenn); De Backer, J (De Backer, Jan); De Backer, W (De Backer, Wilfried); Van Schil, P (Van Schil, Paul); van Meerbeeck, J (van Meerbeeck, Jan)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** P342 **Volume:** 44 **Published Date:** 2014 SEP **Supplement:** 58

ISSN: 0903-1936

eISSN: 1399-3003

Record 191 of 383

Title: Epidemiology and outcome of invasive pneumococcal disease among adults in Belgium, 2009-2011

Author(s): Verhaegen, J (Verhaegen, J.); Flamaing, J (Flamaing, J.); De Backer, W (De Backer, W.);

Delaere, B (Delaere, B.); Van Herck, K (Van Herck, K.); Surmont, F (Surmont, F.); Van Laethem, Y (Van Laethem, Y.); Van Damme, P (Van Damme, P.); Peetermans, W (Peetermans, W.)

Source: EUROSURVEILLANCE **Volume:** 19 **Issue:** 31 **Pages:** 14-22 **Article Number:** 20869 **DOI:** 10.2807/1560-7917.ES2014.19.31.20869 **Published Date:** 2014 AUG 7

PubMed ID: 25138972

ISSN: 1560-7917

Record 192 of 383

Title: The effect of roflumilast in addition to LABA/LAMA/ICS treatment in COPD patients

Author(s): De Backer, W (De Backer, Wilfried); Vos, W (Vos, Wim); Van Holsbeke, C (Van Holsbeke, Cedric); Vinchurkar, S (Vinchurkar, Samir); Claes, R (Claes, Rita); Hufkens, A (Hufkens, Annemie); Parizel, PM (Parizel, Paul M.); Bedert, L (Bedert, Lieven); De Backer, J (De Backer, Jan)

Source: EUROPEAN RESPIRATORY JOURNAL **Volume:** 44 **Issue:** 2 **Pages:** 527-529 **DOI:** 10.1183/09031936.00011714 **Published Date:** 2014 AUG

PubMed ID: 24791831

ISSN: 0903-1936

eISSN: 1399-3003

Record 193 of 383

Title: Determinants of baseline lung function and bronchodilator response in 4-year-old children

Author(s): Dom, S (Dom, Sandra); Weyler, JJ (Weyler, Joost J.); Droste, JHJ (Droste, Jos H. J.); Hagendorens, MM (Hagendorens, Margo M.); Dierckx, E (Dierckx, Elke); Bridts, CH (Bridts, Chris H.); De Backer, W (De Backer, Wilfried); Oostveen, E (Oostveen, Ellie)

Source: EUROPEAN RESPIRATORY JOURNAL **Volume:** 44 **Issue:** 2 **Pages:** 371-381 **DOI:** 10.1183/09031936.00100813 **Published Date:** 2014 AUG

PubMed ID: 24969653

ISSN: 0903-1936

eISSN: 1399-3003

Record 194 of 383

Title: Sleep-disordered breathing and pulmonary function in obese children and adolescents

Author(s): Van Eyck, A (Van Eyck, A.); Van Hoorenbeeck, K (Van Hoorenbeeck, K.); De Winter, BY (De Winter, B. Y.); Van Gaal, L (Van Gaal, L.); De Backer, W (De Backer, W.); Verhulst, SL (Verhulst, S. L.)

Source: SLEEP MEDICINE **Volume:** 15 **Issue:** 8 **Pages:** 929-933 **DOI:** 10.1016/j.sleep.2014.03.024 **Published Date:** 2014 AUG

PubMed ID: 24985758

ISSN: 1389-9457

eISSN: 1878-5506

Record 195 of 383

Title: Sleep-disordered breathing and C-reactive protein in obese children and adolescents

Author(s): Van Eyck, A (Van Eyck, Annelies); Van Hoorenbeeck, K (Van Hoorenbeeck, Kim); De Winter, BY (De Winter, Benedicte Y.); Ramet, J (Ramet, Jose); Van Gaal, L (Van Gaal, Luc); De Backer,

W (De Backer, Wilfried); Verhulst, SL (Verhulst, Stijn L.)

Source: SLEEP AND BREATHING **Volume:** 18 **Issue:** 2 **Pages:** 335-340 **DOI:** 10.1007/s11325-013-0890-8 **Published Date:** 2014 MAY

PubMed ID: 23999834

ISSN: 1520-9512

eISSN: 1522-1709

Record 196 of 383

Title: A comparison of the efficacy and safety of once-daily fluticasone furoate/vilanterol with twice-daily fluticasone propionate/salmeterol in moderate to very severe COPD

Author(s): Agustí, A (Agusti, Alvar); de Teresa, L (de Teresa, Luis); De Backer, W (De Backer, Wilfried); Zvarich, MT (Zvarich, Michael T.); Locantore, N (Locantore, Nicholas); Barnes, N (Barnes, Neil); Bourbeau, J (Bourbeau, Jean); Crim, C (Crim, Courtney)

Source: EUROPEAN RESPIRATORY JOURNAL **Volume:** 43 **Issue:** 3 **Pages:** 763-772 **DOI:** 10.1183/09031936.00054213 **Published Date:** 2014 MAR

PubMed ID: 24114969

ISSN: 0903-1936

eISSN: 1399-3003

Record 197 of 383

Title: Usage of inhalation devices in asthma and chronic obstructive pulmonary disease: a Delphi consensus statement

Author(s): Ninane, V (Ninane, Vincent); Brusselle, GG (Brusselle, Guy G.); Louis, R (Louis, Renaud); Dupont, L (Dupont, Lieven); Liistro, G (Liistro, Giuseppe); De Backer, W (De Backer, Wilfried); Schlessers, M (Schlessers, Marc); Vincken, W (Vincken, Walter)

Source: EXPERT OPINION ON DRUG DELIVERY **Volume:** 11 **Issue:** 3 **Pages:** 313-323 **DOI:** 10.1517/17425247.2014.872626 **Published Date:** 2014 MAR

PubMed ID: 24344875

ISSN: 1742-5247

eISSN: 1744-7593

Record 198 of 383

Title: Change in Upper Airway Geometry Between Upright and Supine Position During Tidal Nasal Breathing

Author(s): Van Holsbeke, CS (Van Holsbeke, Cedric S.); Verhulst, SL (Verhulst, Stijn L.); Vos, WG (Vos, Wim G.); De Backer, JW (De Backer, Jan W.); Vinchurkar, SC (Vinchurkar, Samir C.); Verdonck, PR (Verdonck, Pascal R.); van Doorn, JWD (van Doorn, Johanna W. D.); Nadjmi, N (Nadjmi, Nasser); De Backer, WA (De Backer, Wilfried A.)

Source: JOURNAL OF AEROSOL MEDICINE AND PULMONARY DRUG DELIVERY **Volume:** 27 **Issue:** 1 **Pages:** 51-57 **DOI:** 10.1089/jamp.2012.1010 **Published Date:** 2014 FEB 1

PubMed ID: 23509935

ISSN: 1941-2711

eISSN: 1941-2703

Record 199 of 383

Title: A Double Blind Placebo Controlled Study To Assess The Effect Of Roflumilast In Addition To Laba/lama/ics Treatment In COPD Patients Using Novel Biomarkers

Author(s): De Backer, J (De Backer, J.); Vos, W (Vos, W.); Claes, R (Claes, R.); Hufkens, A (Hufkens, A.); Bedert, L (Bedert, L.); De Backer, W (De Backer, W.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A3773 **Volume:** 189 **Published Date:** 2014

ISSN: 1073-449X

eISSN: 1535-4970

Record 200 of 383

Title: PERSONALIZED PATIENT EDUCATION IMPROVES SYMPTOM SCORES IN COPD (CHRONIC OBSTRUCTIVE PULMONARY DISEASE)

Author(s): De Backer, L (De Backer, L.); Leemans, G (Leemans, G.); De Backer, J (De Backer, J.); Verhulst, S (Verhulst, S.); De Backer, W (De Backer, W.); Morrens, M (Morrens, M.); Sabbe, B (Sabbe, B.)

Source: EUROPEAN PSYCHIATRY **Meeting Abstract:** EPA-0559 **Volume:** 29 **Published Date:** 2014 **Supplement:** 1

ISSN: 0924-9338

eISSN: 1778-3585

Record 201 of 383

Title: Sleep-Disordered Breathing And Pulmonary Function In Obese Children And Adolescents

Author(s): Van Eyck, A (Van Eyck, A.); Van Hoorenbeeck, K (Van Hoorenbeeck, K.); De Winter, BY (De Winter, B. Y.); Van Gaal, L (Van Gaal, L.); De Backer, W (De Backer, W.); Verhulst, S (Verhulst, S.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A1266 **Volume:** 189 **Published Date:** 2014

ISSN: 1073-449X

eISSN: 1535-4970

Record 202 of 383

Title: Sleep-Disordered Breathing And C-Reactive Protein In Obese Children And Adolescents

Author(s): Van Eyck, A (Van Eyck, A.); Van Hoorenbeeck, K (Van Hoorenbeeck, K.); De Winter, BY (De Winter, B. Y.); Ramet, J (Ramet, J.); Van Gaal, L (Van Gaal, L.); De Backer, W (De Backer, W.); Verhulst, S (Verhulst, S.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A1265 **Volume:** 189 **Published Date:** 2014

ISSN: 1073-449X

eISSN: 1535-4970

Record 203 of 383

Title: Functional Respiratory Imaging To Evaluate Peep Induced Bronchial And Alveolar Recruitment In Ards Patients

Author(s): Van Holsbeke, C (Van Holsbeke, C.); Schepens, T (Schepens, T.); De Backer, J (De Backer,

J.); De Backer, W (De Backer, W.); Vos, W (Vos, W.); Jorens, P (Jorens, P.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**

Abstract: A4995 **Volume:** 189 **Published Date:** 2014

ISSN: 1073-449X

eISSN: 1535-4970

Record 204 of 383

Title: Functional Respiratory Imaging To Predict Post-Operative Forced Expiratory Volume In 1 Second After Lobectomy/pneumonectomy

Author(s): Vos, W (Vos, W.); Janssens, A (Janssens, A.); Van Holsbeke, C (Van Holsbeke, C.); Leemans, G (Leemans, G.); De Backer, J (De Backer, J.); De Backer, W (De Backer, W.); Van Schil, P (Van Schil, P.); Van Meerbeeck, J (Van Meerbeeck, J.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**

Abstract: A4362 **Volume:** 189 **Published Date:** 2014

ISSN: 1073-449X

eISSN: 1535-4970

Record 205 of 383

Title: Objectively Measured vs Self-Reported Compliance During Oral Appliance Therapy for Sleep-Disordered Breathing

Author(s): Dieltjens, M (Dieltjens, Marijke); Braem, MJ (Braem, Marc J.); Vroegop, AVMT (Vroegop, Anneclaire V. M. T.); Wouters, K (Wouters, Kristien); Verbraecken, JA (Verbraecken, Johan A.); De Backer, WA (De Backer, Wilfried A.); Van de Heyning, PH (Van de Heyning, Paul H.); Vanderveken, OM (Vanderveken, Olivier M.)

Source: CHEST **Volume:** 144 **Issue:** 5 **Pages:** 1495-1502 **DOI:** 10.1378/chest.13-0613 **Published Date:** 2013 NOV

PubMed ID: 23928873

ISSN: 0012-3692

Record 206 of 383

Title: IS POSTOPERATIVE FEV1 (POFEV1) MORE ACCURATELY ESTIMATED BY FUNCTIONAL RESPIRATORY IMAGING (FRI) THAN BY CONVENTIONAL METHODS?

Author(s): Janssens, A (Janssens, Annelies); Van Holsbeke, C (Van Holsbeke, Cedric); Vos, W (Vos, Wim); Van Schil, P (Van Schil, Paul); Carp, L (Carp, Laurens); Oostveen, E (Oostveen, Elly); De Backer, W (De Backer, Wilfried); Van Meerbeeck, JP (Van Meerbeeck, Jan P.)

Source: JOURNAL OF THORACIC ONCOLOGY **Meeting Abstract:** P2.07-040 **Volume:** 8 **Pages:** S828-S828 **Published Date:** 2013 NOV **Supplement:** 2

ISSN: 1556-0864

eISSN: 1556-1380

Record 207 of 383

Title: Objective Measurement of the Therapeutic Effectiveness of Continuous Positive Airway Pressure versus Oral Appliance Therapy for the Treatment of Obstructive Sleep Apnea

Author(s): Vanderveken, OM (Vanderveken, Olivier M.); Braem, MJ (Braem, Marc J.); Dieltjens, M (Dieltjens, Marijke); De Backer, WA (De Backer, Wilfried A.); de Heyning, PHV (de Heyning, Paul H.)

Van)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Volume:** 188 **Issue:** 9 **Pages:** 1162-1162 **DOI:** 10.1164/rccm.201305-0809LE **Published Date:** 2013 NOV 1
PubMed ID: 24180443
ISSN: 1073-449X
eISSN: 1535-4970

Record 208 of 383

Title: Office spirometry: (Un)reliability of some handheld spirometers
Author(s): De Soomer, K (De Soomer, Kevin); Claus, L (Claus, Lutje); Heyndrickx, R (Heyndrickx, Ria); De Backer, W (De Backer, Wilfried); Oostveen, E (Oostveen, Ellie)
Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 3035 **Volume:** 42 **Published Date:** 2013 SEP 1 **Supplement:** 57
ISSN: 0903-1936
eISSN: 1399-3003

Record 209 of 383

Title: COPD AWARENESS SURVEY: DO BELGIAN PULMONARY PHYSICIANS COMPLY WITH THE GOLD GUIDELINES 2010?
Author(s): Decramer, M (Decramer, M.); Brusselle, G (Brusselle, G.); Buffels, J (Buffels, J.); Corhay, JL (Corhay, J. L.); De Backer, W (De Backer, W.); Degryse, JM (Degryse, J. M.); Janssens, W (Janssens, W.); Marchand, E (Marchand, E.); Van den Brande, P (Van den Brande, P.); Vincken, W (Vincken, W.); Gayan-Ramirez, G (Gayan-Ramirez, G.); Van Craenendonck, V (Van Craenendonck, V.); Vandenberghe, H (Vandenberghe, H.); De Vuyst, P (De Vuyst, P.)
Group Author(s): Copd Working Grp
Source: ACTA CLINICA BELGICA **Volume:** 68 **Issue:** 5 **Pages:** 325-340 **DOI:** 10.2143/ACB.3403 **Published Date:** 2013 SEP-OCT
PubMed ID: 24579239
ISSN: 1784-3286
eISSN: 2295-3337

Record 210 of 383

Title: Exercise capacity and lobar hyperinflation in patients with COPD
Author(s): Leemans, G (Leemans, Glenn); Ides, K (Ides, Kris); Van Holsbeke, C (Van Holsbeke, Cedric); Vos, W (Vos, Wim); De Backer, J (De Backer, Jan); De Backer, W (De Backer, Wilfried)
Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 5051 **Volume:** 42 **Published Date:** 2013 SEP 1 **Supplement:** 57
ISSN: 0903-1936
eISSN: 1399-3003

Record 211 of 383

Title: The influence of posture on airway structure and function in healthy subjects
Author(s): Leemans, G (Leemans, Glenn); Ides, K (Ides, Kris); Van Holsbeke, C (Van Holsbeke, Cedric); Vissers, D (Vissers, Dirk); Vos, W (Vos, Wim); De Backer, W (De Backer, Wilfried)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 7239 **Volume:** 42 **Published Date:** 2013 SEP 1 **Supplement:** 57
ISSN: 0903-1936
eISSN: 1399-3003

Record 212 of 383

Title: Functional respiratory imaging to decide between a conservative or surgical approach in patients with unilateral diaphragmatic paralysis

Author(s): Leemans, G (Leemans, Glenn); Van Holsbeke, C (Van Holsbeke, Cedric); Vos, W (Vos, Wim); Vinchurkar, S (Vinchurkar, Samir); De Backer, J (De Backer, Jan); Van Schil, P (Van Schil, Paul); De Backer, W (De Backer, Wilfried)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 5032 **Volume:** 42 **Published Date:** 2013 SEP 1 **Supplement:** 57
ISSN: 0903-1936
eISSN: 1399-3003

Record 213 of 383

Title: Effect of different modes of cheek support on respiratory impedance measurements

Author(s): Leemans, K (Leemans, Karla); De Soomer, K (De Soomer, Kevin); Heyndrickx, R (Heyndrickx, Ria); De Backer, W (De Backer, Wilfried); Oostveen, E (Oostveen, Ellie)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 2947 **Volume:** 42 **Published Date:** 2013 SEP 1 **Supplement:** 57
ISSN: 0903-1936
eISSN: 1399-3003

Record 214 of 383

Title: Importance of inhalation device in asthma and COPD: A consensus using Delphi

Author(s): Ninane, V (Ninane, Vincent); Brusselle, G (Brusselle, Guy); Louis, R (Louis, Renaud); Dupont, L (Dupont, Lieven); Liistro, G (Liistro, Giuseppe); De Backer, W (De Backer, Wilfried); Shlessor, M (Shlessor, Marc); Vincken, W (Vincken, Walter)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 1368 **Volume:** 42 **Published Date:** 2013 SEP 1 **Supplement:** 57
ISSN: 0903-1936
eISSN: 1399-3003

Record 215 of 383

Title: Weak association between exhaled nitric oxide and bronchial responsiveness in asthmatic patients

Author(s): Oostveen, E (Oostveen, Ellie); Claus, L (Claus, Lutje); De Soomer, K (De Soomer, Kevin); De Backer, W (De Backer, Wilfried); Vints, AM (Vints, Anne-Marie)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 4571 **Volume:** 42 **Published Date:** 2013 SEP 1 **Supplement:** 57
ISSN: 0903-1936
eISSN: 1399-3003

Record 216 of 383**Title:** Sleep-disordered breathing and C-reactive protein in obese children and adolescents**Author(s):** Van Eyck, A (Van Eyck, Annelies); Van Hoorenbeeck, K (Van Hoorenbeeck, Kim); De Winter, B (De Winter, Benedicte); Ramet, J (Ramet, Jose); Van Gaal, L (Van Gaal, Luc); De Backer, W (De Backer, Wilfried); Verhulst, S (Verhulst, Stijn)**Source:** EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 728 **Volume:** 42 **Published Date:** 2013 SEP 1 **Supplement:** 57**ISSN:** 0903-1936**eISSN:** 1399-3003**Record 217 of 383****Title:** The long-term effects of non-invasive ventilation on airway remodeling are predicted by a short-term treatment period**Author(s):** Van Holsbeke, C (Van Holsbeke, Cedric); Vos, W (Vos, Wim); Vinchurkar, S (Vinchurkar, Samir); De Backer, J (De Backer, Jan); Daems, D (Daems, Denise); Salgado, R (Salgado, Rodrigo); De Backer, W (De Backer, Wilfried)**Source:** EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 5054 **Volume:** 42 **Published Date:** 2013 SEP 1 **Supplement:** 57**ISSN:** 0903-1936**eISSN:** 1399-3003**Record 218 of 383****Title:** Functional respiratory imaging as a tool to assess upper airway patency in children with OSA**Author(s):** Van Holsbeke, C (Van Holsbeke, Cedric); Vos, W (Vos, Wim); Van Hoorenbeeck, K (Van Hoorenbeeck, Kim); Boudewyns, A (Boudewyns, An); De Backer, J (De Backer, Jan); De Backer, W (De Backer, Wilfried); Verhulst, S (Verhulst, Stijn)**Source:** EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 1856 **Volume:** 42 **Published Date:** 2013 SEP 1 **Supplement:** 57**ISSN:** 0903-1936**eISSN:** 1399-3003**Record 219 of 383****Title:** Metabolic Disregulation in Obese Adolescents with Sleep-Disordered Breathing Before and After Weight Loss**Author(s):** Van Hoorenbeeck, K (Van Hoorenbeeck, K.); Franckx, H (Franckx, H.); Debode, P (Debode, P.); Aerts, P (Aerts, P.); Ramet, J (Ramet, J.); Van Gaal, LF (Van Gaal, L. F.); Desager, KN (Desager, K. N.); De Backer, WA (De Backer, W. A.); Verhulst, SL (Verhulst, S. L.)**Source:** OBESITY **Volume:** 21 **Issue:** 7 **Pages:** 1446-1450 **DOI:** 10.1002/oby.20337 **Published Date:** 2013 JUL**PubMed ID:** 23408643**ISSN:** 1930-7381**Record 220 of 383****Title:** Obstructive sleep apnea/hypopnea syndrome

Author(s): De Backer, W (De Backer, W.)

Source: PANMINERVA MEDICA **Volume:** 55 **Issue:** 2 **Pages:** 191-195 **Published Date:** 2013 JUN

PubMed ID: 23676959

ISSN: 0031-0808

Record 221 of 383

Title: Nocturnal gastro-oesophageal reflux, asthma and symptoms of OSA: a longitudinal, general population study

Author(s): Emilsson, ÖI (Emilsson, Ossur I.); Bengtsson, A (Bengtsson, Anna); Franklin, KA (Franklin, Karl A.); Torén, K (Toren, Kjell); Benediktsdóttir, B (Benediktsdottir, Bryndis); Farkhooy, A (Farkhooy, Amir); Weyler, J (Weyler, Joost); Dom, S (Dom, Sandra); De Backer, W (De Backer, Wilfried); Gislason, T (Gislason, Thorarinn); Janson, C (Janson, Christer)

Source: EUROPEAN RESPIRATORY JOURNAL **Volume:** 41 **Issue:** 6 **Pages:** 1347-1354 **DOI:** 10.1183/09031936.00052512 **Published Date:** 2013 JUN

PubMed ID: 23018910

ISSN: 0903-1936

eISSN: 1399-3003

Record 222 of 383

Title: Treatment of obstructive sleep apnea using a custom-made titratable duobloc oral appliance: a prospective clinical study

Author(s): Dieltjens, M (Dieltjens, M.); Vanderveken, OM (Vanderveken, O. M.); Hamans, E (Hamans, E.); Verbraecken, JA (Verbraecken, J. A.); Wouters, K (Wouters, K.); Willemen, M (Willemen, M.); De Backer, WA (De Backer, W. A.); Van de Heyning, PH (Van de Heyning, P. H.); Braem, MJ (Braem, M. J.)

Source: SLEEP AND BREATHING **Volume:** 17 **Issue:** 2 **Pages:** 565-572 **DOI:** 10.1007/s11325-012-0721-3 **Published Date:** 2013 MAY

PubMed ID: 22581485

ISSN: 1520-9512

eISSN: 1522-1709

Record 223 of 383

Title: Functional respiratory imaging as a tool to assess upper airway patency in children with obstructive sleep apnea

Author(s): Van Holsbeke, C (Van Holsbeke, C.); Vos, W (Vos, W.); Van Hoorenbeeck, K (Van Hoorenbeeck, K.); Boudewyns, A (Boudewyns, A.); Salgado, R (Salgado, R.); Verdonck, PR (Verdonck, P. R.); Ramet, J (Ramet, J.); De Backer, J (De Backer, J.); De Backer, W (De Backer, W.); Verhulst, SL (Verhulst, S. L.)

Source: SLEEP MEDICINE **Volume:** 14 **Issue:** 5 **Pages:** 433-439 **DOI:** 10.1016/j.sleep.2012.12.005 **Published Date:** 2013 MAY

PubMed ID: 23474060

ISSN: 1389-9457

eISSN: 1878-5506

Record 224 of 383

Title: CARDIOVASCULAR MECHANISMS AND CONSEQUENCES OF OBSTRUCTIVE SLEEP APNOEA

Author(s): Vrints, H (Vrints, H.); Shivalkar, B (Shivalkar, B.); Heuten, H (Heuten, Hilde); Vanderveken, OM (Vanderveken, O. M.); Hamans, E (Hamans, E.); Van de Heyning, P (Van de Heyning, P.); De Backer, W (De Backer, W.); Verbraecken, J (Verbraecken, J.)

Source: ACTA CLINICA BELGICA **Volume:** 68 **Issue:** 3 **Pages:** 169-178 **DOI:** 10.2143/ACB.2981 **Published Date:** 2013 MAY-JUN

PubMed ID: 24156215

ISSN: 1784-3286

eISSN: 2295-3337

Record 225 of 383

Title: The Effects Of Extra-Fine Beclometasone Dipropionate/ formoterol (bdp/f) On Conventional Measures Of Clinical Outcome And On Hyperinflation And Airway Geometry In COPD Patients Using Functional Respiratory Imaging (fri)

Author(s): De Backer, J (De Backer, J.); Vos, W (Vos, W.); Vinchurkar, S (Vinchurkar, S.); Van Holsbeke, C (Van Holsbeke, C.); Poli, G (Poli, G.); Claes, R (Claes, R.); Hufkens, A (Hufkens, A.); Salgado, R (Salgado, R.); De Backer, W (De Backer, W.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A4260 **Volume:** 187 **Published Date:** 2013

ISSN: 1073-449X

eISSN: 1535-4970

Record 226 of 383

Title: Double Blind, Randomized, Two-Way Crossover, Pilot Study To Assess The Effect Of High Dose N-Acetylcysteine On Airway Geometry, Inflammation And Oxidative Stress In COPD Patients Using Functional Respiratory Imaging

Author(s): De Backer, J (De Backer, J.); Vos, W (Vos, W.); Van Holsbeke, C (Van Holsbeke, C.); Vinchurkar, S (Vinchurkar, S.); Claes, R (Claes, R.); Parizel, P (Parizel, P.); De Backer, W (De Backer, W.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A2447 **Volume:** 187 **Published Date:** 2013

ISSN: 1073-449X

eISSN: 1535-4970

Record 227 of 383

Title: Effect of high-dose N-acetylcysteine on airway geometry, inflammation, and oxidative stress in COPD patients

Author(s): De Backer, J (De Backer, Jan); Vos, W (Vos, Wim); Van Holsbeke, C (Van Holsbeke, Cedric); Vinchurkar, S (Vinchurkar, Samir); Claes, R (Claes, Rita); Parizel, PM (Parizel, Paul M.); De Backer, W (De Backer, Wilfried)

Source: INTERNATIONAL JOURNAL OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE **Volume:** 8 **Pages:** 569-579 **DOI:** 10.2147/COPD.S49307 **Published Date:** 2013

PubMed ID: 24293993

ISSN: 1176-9106

eISSN: 1178-2005

Record 228 of 383

Title: Particle Deposition In Airways Of Chronic Respiratory Patients Exposed To An Urban Aerosol

Author(s): Van Holsbeke, C (Van Holsbeke, C.); Vos, W (Vos, W.); Horemans, B (Horemans, B.); Darchuk, L (Darchuk, L.); Novakovic, V (Novakovic, V.); Fontan, A (Fontan, A.); De Backer, J (De Backer, J.); Van Grieken, R (Van Grieken, R.); De Wael, K (De Wael, K.); De Backer, W (De Backer, W.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**

Abstract: A5250 **Volume:** 187 **Published Date:** 2013

ISSN: 1073-449X

eISSN: 1535-4970

Record 229 of 383

Title: Objective measurement of compliance during oral appliance therapy for sleep-disordered breathing

Author(s): Vanderveken, OM (Vanderveken, Olivier M.); Dieltjens, M (Dieltjens, Marijke); Wouters, K (Wouters, Kristien); De Backer, WA (De Backer, Wilfried A.); Van de Heyning, PH (Van de Heyning, Paul H.); Braem, MJ (Braem, Marc J.)

Source: THORAX **Volume:** 68 **Issue:** 1 **Pages:** 91-96 **DOI:** 10.1136/thoraxjnl-2012-201900 **Published Date:** 2013 JAN

PubMed ID: 22993169

ISSN: 0040-6376

Record 230 of 383

Title: Functional Respiratory Imaging As A Tool To Assess Upper Airway Patency In Children With Osa

Author(s): Verhulst, S (Verhulst, S.); Van Holsbeke, C (Van Holsbeke, C.); Vos, W (Vos, W.); Van Hoorenbeeck, K (Van Hoorenbeeck, K.); Boudewyns, A (Boudewyns, A.); De Backer, J (De Backer, J.); De Backer, W (De Backer, W.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**

Abstract: A5188 **Volume:** 187 **Published Date:** 2013

ISSN: 1073-449X

eISSN: 1535-4970

Record 231 of 383

Title: Novel Functional Imaging of Changes in Small Airways of Patients Treated with Extrafine Beclomethasone/Formoterol

Author(s): Vos, W (Vos, Wim); De Backer, J (De Backer, Jan); Poli, G (Poli, Gianluigi); De Volder, A (De Volder, Annick); Ghys, L (Ghys, Liesbet); Van Holsbeke, C (Van Holsbeke, Cedric); Vinchurkar, S (Vinchurkar, Samir); De Backer, L (De Backer, Lieve); De Backer, W (De Backer, Wilfried)

Source: RESPIRATION **Volume:** 86 **Issue:** 5 **Pages:** 393-401 **DOI:** 10.1159/000347120 **Published Date:** 2013

PubMed ID: 23595105

ISSN: 0025-7931

eISSN: 1423-0356

Record 232 of 383

Title: THE EFFECT OF AN INTERDISCIPLINARY REHABILITATION PROGRAMME ON DAILY PHYSICAL ACTIVITY FOR PATIENTS WITH LESS ADVANCED COPD IN A PRIMARY CARE SETTING: A SYSTEMATIC REVIEW

Author(s): Leemans, G (Leemans, G.); Ides, K (Ides, K.); Vissers, D (Vissers, D.); Van Royen, P (Van Royen, P.); De Backer, W (De Backer, W.)

Source: THORAX **Volume:** 67 **Pages:** A52-A53 **DOI:** 10.1136/thoraxjnl-2012-202678.113 **Published Date:** 2012 DEC **Supplement:** 2

ISSN: 0040-6376

Record 233 of 383

Title: Particle Deposition in Airways of Chronic Respiratory Patients Exposed to an Urban Aerosol

Author(s): Horemans, B (Horemans, Benjamin); Van Holsbeke, C (Van Holsbeke, Cedric); Vos, W (Vos, Wim); Darchuk, L (Darchuk, Larysa); Novakovic, V (Novakovic, Velibor); Fontan, AC (Fontan, Angel C.); De Backer, J (De Backer, Jan); Van Grieken, R (Van Grieken, Rene); De Backer, W (De Backer, Wilfried); De Wael, K (De Wael, Karolien)

Source: ENVIRONMENTAL SCIENCE & TECHNOLOGY **Volume:** 46 **Issue:** 21 **Pages:** 12162-12169 **DOI:** 10.1021/es302755s **Published Date:** 2012 NOV 6

PubMed ID: 23035859

ISSN: 0013-936X

eISSN: 1520-5851

Record 234 of 383

Title: Efficacy of combination fluticasone furoate/vilanterol (FF/VI) and salmeterol/fluticasone propionate (SFC) over 12 weeks in patients with COPD

Author(s): Agusti, A (Agusti, Alvar); De Backer, W (De Backer, Wilfried); de Teresa, L (de Teresa, Luis); Zvarich, M (Zvarich, Michael); Locantore, N (Locantore, Nick); Barnes, N (Barnes, Neil); Bourbeau, J (Bourbeau, Jean); Crim, C (Crim, Courtney)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 3145 **Volume:** 40 **Published Date:** 2012 SEP 1 **Supplement:** 56

ISSN: 0903-1936

eISSN: 1399-3003

Record 235 of 383

Title: Regional hyperinflation in COPD patients: Correlation between lobar hyperinflation and internal flow distribution

Author(s): De Backer, W (De Backer, Wilfried); Vinchurkar, S (Vinchurkar, Samir); Vos, W (Vos, Wim); Van Holsbeke, C (Van Holsbeke, Cedric); De Backer, J (De Backer, Jan)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 2180 **Volume:** 40 **Published Date:** 2012 SEP 1 **Supplement:** 56

ISSN: 0903-1936

eISSN: 1399-3003

Record 236 of 383

Title: Effects of high dose N-acetylcysteine in COPD patients

Author(s): De Backer, W (De Backer, Wilfried); Van Holsbeke, C (Van Holsbeke, Cedric); Sadowska, A (Sadowska, Anna); De Backer, J (De Backer, Jan); Claes, R (Claes, Rita); Vos, W (Vos, Wim)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 2114 **Volume:** 40 **Published Date:** 2012 SEP 1 **Supplement:** 56

ISSN: 0903-1936

eISSN: 1399-3003

Record 237 of 383

Title: Long-term response of upper airway stimulation in obstructive sleep apnea

Author(s): De Backer, W (De Backer, Wilfried); Verbraecken, J (Verbraecken, Johan); Knaack, L (Knaack, Lennart); Oliven, A (Oliven, Arie); Hohenhorst, W (Hohenhorst, Winfried); Vanderveken, O (Vanderveken, Olivier); Van de Heyning, P (Van de Heyning, Paul)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 3571 **Volume:** 40 **Published Date:** 2012 SEP 1 **Supplement:** 56

ISSN: 0903-1936

eISSN: 1399-3003

Record 238 of 383

Title: Clinical profile of adult patients with invasive pneumococcal disease (IPD) during a 3 year surveillance in Belgium

Author(s): De Backer, W (De Backer, Wilfried); Verhaegen, J (Verhaegen, Jan); Flamaing, J (Flamaing, Johan); Peetermans, WE (Peetermans, Willy E.); Van Damme, P (Van Damme, Pierre); Delaere, B (Delaere, Benedicte); Van Laethem, Y (Van Laethem, Yves); Mignon, A (Mignon, Annick); Surmont, F (Surmont, Filip)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 7059 **Volume:** 40 **Published Date:** 2012 SEP 1 **Supplement:** 56

ISSN: 0903-1936

eISSN: 1399-3003

Record 239 of 383

Title: The effect of lung hyperinflation on respiratory muscle strength in COPD patients

Author(s): De Soomer, K (De Soomer, Kevin); Vaerenberg, H (Vaerenberg, Hilde); Claus, L (Claus, Lutje); De Backer, W (De Backer, Wilfried); Oostveen, E (Oostveen, Ellie)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 2089 **Volume:** 40 **Published Date:** 2012 SEP 1 **Supplement:** 56

ISSN: 0903-1936

eISSN: 1399-3003

Record 240 of 383

Title: Onset of symptoms of obstructive sleep apnoea and asthma in persistent nocturnal

gastroesophageal reflux

Author(s): Emilsson, ÖI (Emilsson, O. I.); Bengtsson, A (Bengtsson, A.); Franklin, KA (Franklin, K. A.); Torén, K (Toren, K.); Benediktsdóttir, B (Benediktsdottir, B.); Farkhooy, A (Farkhooy, A.); Weyler, J (Weyler, J.); Dom, S (Dom, S.); De Backer, W (De Backer, W.); Gíslason, T (Gislason, T.); Janson, C (Janson, C.)

Source: JOURNAL OF SLEEP RESEARCH **Volume:** 21 **Special Issue:** SI **Pages:** 162-162 **Published Date:** 2012 SEP **Supplement:** 1
ISSN: 0962-1105

Record 241 of 383

Title: Nocturnal gastroesophageal reflux, asthma and symptoms of obstructive sleep apnea: A longitudinal, general population study

Author(s): Emilsson, ÖI (Emilsson, Ossur Ingi); Bengtsson, A (Bengtsson, Anna); Franklin, K (Franklin, Karl); Torén, K (Toren, Kjell); Benediktsdóttir, B (Benediktsdottir, Bryndis); Farkhooy, A (Farkhooy, Amir); Weyler, J (Weyler, Joost); Dom, S (Dom, Sandra); De Backer, W (De Backer, Wilfried); Gíslason, T (Gislason, Thorarinn); Janson, C (Janson, Christer)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 4300 **Volume:** 40 **Published Date:** 2012 SEP 1 **Supplement:** 56
ISSN: 0903-1936
eISSN: 1399-3003

Record 242 of 383

Title: Sensation of leg effort at rest is related to lower peripheral muscle strength in patients with COPD

Author(s): Leemans, G (Leemans, Glenn); Ides, KMH (Ides, Kris M. H.); De Backer, L (De Backer, Lieve); Vaerenberg, H (Vaerenberg, Hilde); De Soomer, K (De Soomer, Kevin); Vissers, D (Vissers, Dirk); De Backer, W (De Backer, Wilfried)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 3850 **Volume:** 40 **Published Date:** 2012 SEP 1 **Supplement:** 56
ISSN: 0903-1936
eISSN: 1399-3003

Record 243 of 383

Title: Clinical impact of the relationship between low bone mineral density and peripheral muscle strength in patients with COPD

Author(s): Leemans, G (Leemans, Glenn); Ides, KMH (Ides, Kris M. H.); De Backer, L (De Backer, Lieve); Vaerenberg, H (Vaerenberg, Hilde); De Soomer, K (De Soomer, Kevin); Vissers, D (Vissers, Dirk); De Backer, W (De Backer, Wilfried)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 4587 **Volume:** 40 **Published Date:** 2012 SEP 1 **Supplement:** 56
ISSN: 0903-1936
eISSN: 1399-3003

Record 244 of 383

Title: BMI is not the driving factor in position dependent upper airway collapsibility in healthy subjects

Author(s): Van Holsbeke, C (Van Holsbeke, Cedric); Vos, W (Vos, Wim); Vinchurkar, S (Vinchurkar,

Samir); De Backer, J (De Backer, Jan); Peters, O (Peters, Oswald); Nadjmi, N (Nadjmi, Nasser); De Backer, W (De Backer, Wilfried)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 2077 **Volume:** 40 **Published Date:** 2012 SEP 1 **Supplement:** 56

ISSN: 0903-1936

eISSN: 1399-3003

Record 245 of 383

Title: The difference in upper airway morphology between supine and upright posture

Author(s): Van Holsbeke, C (Van Holsbeke, Cedric); Vos, W (Vos, Wim); Vinchurkar, S (Vinchurkar, Samir); De Backer, J (De Backer, Jan); Peters, O (Peters, Oswald); Nadjmi, N (Nadjmi, Nasser); De Backer, W (De Backer, Wilfried)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 2059 **Volume:** 40 **Published Date:** 2012 SEP 1 **Supplement:** 56

ISSN: 0903-1936

eISSN: 1399-3003

Record 246 of 383

Title: Adipokines in obese children and adolescents with sleep-disordered breathing

Author(s): Van Hoorenbeeck, K (Van Hoorenbeeck, Kim); Franckx, H (Franckx, Hilde); Debode, P (Debode, Patrick); Van Gaal, L (Van Gaal, Luc); Desager, K (Desager, Kristine); De Backer, W (De Backer, Wilfried); Verhulst, S (Verhulst, Stijn)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 4546 **Volume:** 40 **Published Date:** 2012 SEP 1 **Supplement:** 56

ISSN: 0903-1936

eISSN: 1399-3003

Record 247 of 383

Title: Analysis of arousability of upper airway stimulation in obstructive sleep apnea

Author(s): Verbraecken, J (Verbraecken, Johan); Maurer, JT (Maurer, Joachim T.); Knaack, L (Knaack, Lennart); Hohenhorst, W (Hohenhorst, Winfried); Vanderveken, O (Vanderveken, Olivier); Van de Heyning, P (Van de Heyning, Paul); De Backer, W (De Backer, Wilfried)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 3552 **Volume:** 40 **Published Date:** 2012 SEP 1 **Supplement:** 56

ISSN: 0903-1936

eISSN: 1399-3003

Record 248 of 383

Title: The effects of extrafine beclomethasone/formoterol on hyperinflation and airway geometry in COPD patients

Author(s): Vinchurkar, S (Vinchurkar, Samir); Vos, W (Vos, Wim); Holsbeke, C (Holsbeke, Cedric); De Backer, J (De Backer, Jan); Poli, G (Poli, Gianluigi); De Backer, W (De Backer, Wilfried)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 3761 **Volume:** 40 **Published Date:** 2012 SEP 1 **Supplement:** 56

ISSN: 0903-1936

eISSN: 1399-3003

Record 249 of 383

Title: The use of respiratory functional imaging to get better understanding of lung resection surgery

Author(s): Vos, W (Vos, Wim); Van Holsbeke, C (Van Holsbeke, Cedric); Janssens, A (Janssens, Annelies); Vinchurkar, S (Vinchurkar, Samir); De Backer, J (De Backer, Jan); D'hondt, W (D'hondt, Wim); De Backer, W (De Backer, Wilfried)

Source: EUROPEAN RESPIRATORY JOURNAL **Meeting Abstract:** 5046 **Volume:** 40 **Published Date:** 2012 SEP 1 **Supplement:** 56

ISSN: 0903-1936

eISSN: 1399-3003

Record 250 of 383

Title: The acute effect of budesonide/formoterol in COPD: a multi-slice computed tomography and lung function study

Author(s): De Backer, LA (De Backer, Lieve A.); Vos, W (Vos, Wim); De Backer, J (De Backer, Jan); Van Holsbeke, C (Van Holsbeke, Cedric); Vinchurkar, S (Vinchurkar, Samir); De Backer, W (De Backer, Wilfried)

Source: EUROPEAN RESPIRATORY JOURNAL **Volume:** 40 **Issue:** 2 **Pages:** 298-305 **DOI:** 10.1183/09031936.00072511 **Published Date:** 2012 AUG

PubMed ID: 22183484

ISSN: 0903-1936

eISSN: 1399-3003

Record 251 of 383

Title: Implanted upper airway stimulation device for obstructive sleep apnea

Author(s): Van de Heyning, PH (Van de Heyning, Paul H.); Badr, MS (Badr, M. Safwan); Baskin, JZ (Baskin, Jonathan Z.); Bornemann, MAC (Bornemann, Michel A. Cramer); De Backer, WA (De Backer, Wilfried A.); Dotan, Y (Dotan, Yaniv); Hohenhorst, W (Hohenhorst, Winfried); Knaack, L (Knaack, Lennart); Lin, HS (Lin, Ho-Sheng); Maurer, JT (Maurer, Joachim T.); Netzer, A (Netzer, Aviram); Odland, RM (Odland, Rick M.); Oliven, A (Oliven, Arie); Strohl, KP (Strohl, Kingman P.); Vanderveken, OM (Vanderveken, Olivier M.); Verbraecken, J (Verbraecken, Johan); Woodson, BT (Woodson, B. Tucker)

Source: LARYNGOSCOPE **Volume:** 122 **Issue:** 7 **Pages:** 1626-1633 **DOI:** 10.1002/lary.23301 **Published Date:** 2012 JUL

PubMed ID: 22549513

ISSN: 0023-852X

eISSN: 1531-4995

Record 252 of 383

Title: Acetazolamide for Severe Apnea in Pitt-Hopkins Syndrome

Author(s): Verhulst, SL (Verhulst, Stijn L.); De Dooy, J (De Dooy, J.); Ramet, J (Ramet, J.); Bockaert, N (Bockaert, N.); Van Coster, R (Van Coster, R.); Ceulemans, B (Ceulemans, B.); De Backer, W (De Backer, W.)

Source: AMERICAN JOURNAL OF MEDICAL GENETICS PART A **Volume:** 158A **Issue:** 4 **Pages:** 932-934 **DOI:** 10.1002/ajmg.a.35247 **Published Date:** 2012 APR

PubMed ID: 22407847

ISSN: 1552-4825

Record 253 of 383

Title: LONG-TERM RESPONSE OF UPPER AIRWAY STIMULATION IN OBSTRUCTIVE SLEEP APNEA

Author(s): Badr, M (Badr, M.); Strohl, KP (Strohl, K. P.); Oliven, A (Oliven, A.); Maurer, JT (Maurer, J. T.); Woodson, B (Woodson, B.); de Vries, N (de Vries, N.); Knaack, L (Knaack, L.); Verbraecken, J (Verbraecken, J.); De Backer, WA (De Backer, W. A.)

Source: SLEEP Meeting Abstract: 0410 **Volume:** 35 **Pages:** A142-A142 **Published Date:** 2012 **Supplement:** S

eISSN: 1550-9109

Record 254 of 383

Title: LONG-TERM OBJECTIVE COMPLIANCE MEASUREMENT DURING ORAL APPLIANCE THERAPY IN PATIENTS WITH SLEEP-DISORDERED BREATHING: 1 YEAR FOLLOW-UP

Author(s): Dieltjens, M (Dieltjens, M.); Braem, MJ (Braem, M. J.); Vroegop, AV (Vroegop, A. V.); Wouters, K (Wouters, K.); De, BWA (De, Backer W. A.); Van de Heyning, PH (Van de Heyning, P. H.); Vanderveken, OM (Vanderveken, O. M.)

Source: SLEEP Meeting Abstract: 0408 **Volume:** 35 **Pages:** A141-A142 **Published Date:** 2012 **Supplement:** S

eISSN: 1550-9109

Record 255 of 383

Title: Acute effects of intrapulmonary percussive ventilation in COPD patients assessed by using conventional outcome parameters and a novel computational fluid dynamics technique

Author(s): Ides, K (Ides, Kris); Vos, W (Vos, Wim); De Backer, L (De Backer, Lieve); Vissers, D (Vissers, Dirk); Claes, R (Claes, Rita); Leemans, G (Leemans, Glenn); Ongena, K (Ongena, Kevin); Peters, O (Peters, Oswald); De Backer, W (De Backer, Wilfried)

Source: INTERNATIONAL JOURNAL OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE **Volume:** 7 **Pages:** 667-671 **DOI:** 10.2147/COPD.S29847 **Published Date:** 2012

PubMed ID: 23055715

ISSN: 1178-2005

Record 256 of 383

Title: Weight Loss and Sleep-Disordered Breathing in Childhood Obesity: Effects on Inflammation and Uric Acid

Author(s): Van Hoorenbeeck, K (Van Hoorenbeeck, Kim); Franckx, H (Franckx, Hilde); Debode, P (Debode, Patrick); Aerts, P (Aerts, Petra); Wouters, K (Wouters, Kristien); Ramet, J (Ramet, Jose); Van Gaal, LF (Van Gaal, Luc F.); Desager, KN (Desager, Kristine N.); De Backer, WA (De Backer, Wilfried A.); Verhulst, SL (Verhulst, Stijn L.)

Source: OBESITY **Volume:** 20 **Issue:** 1 **Pages:** 172-177 **DOI:** 10.1038/oby.2011.282 **Published Date:** 2012 JAN

PubMed ID: 21938074

ISSN: 1930-7381

Record 257 of 383

Title: A case series on lung deposition analysis of inhaled medication using functional imaging based computational fluid dynamics in asthmatic patients: effect of upper airway morphology and comparison with *in vivo* data

Author(s): Vinchurkar, S (Vinchurkar, Samir); De Backer, L (De Backer, Lieve); Vos, W (Vos, Wim); Van Holsbeke, C (Van Holsbeke, Cedric); De Backer, J (De Backer, Jan); De Backer, W (De Backer, Wilfried)

Source: INHALATION TOXICOLOGY **Volume:** 24 **Issue:** 2 **Pages:** 81-88 **DOI:** 10.3109/08958378.2011.644351 **Published Date:** 2012 JAN

PubMed ID: 22260527

ISSN: 0895-8378

eISSN: 1091-7691

Record 258 of 383

Title: Airway Clearance in COPD: Need for a Breath of Fresh Air? A Systematic Review (vol 8, pg 196, 2011)

Author(s): Ides, K (Ides, Kris); Vissers, D (Vissers, Dirk); De Backer, L (De Backer, Lieve); Leemans, G (Leemans, Glenn); De Backer, A (De Backer, Andwilfried)

Source: COPD-JOURNAL OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE **Volume:** 8 **Issue:** 6 **Pages:** 468-468 **DOI:** 10.3109/15412555.2011.634238 **Published Date:** 2011 DEC
ISSN: 1541-2555

Record 259 of 383

Title: Sleep HERMES: a European training project for respiratory sleep medicine

Author(s): De Backer, W (De Backer, W.); Simonds, AK (Simonds, A. K.); Horn, V (Horn, V.); Andreas, S (Andreas, S.); Bonsignore, M (Bonsignore, M.); Calverley, P (Calverley, P.); Donic, V (Donic, V.); Lévy, P (Levy, P.); Mitchell, S (Mitchell, S.); McNicholas, WT (McNicholas, W. T.); Morrell, M (Morrell, M.); Randerath, W (Randerath, W.); Riha, RL (Riha, R. L.); Trang, H (Trang, H.); Verbraecken, J (Verbraecken, J.); Palange, P (Palange, P.)

Source: EUROPEAN RESPIRATORY JOURNAL **Volume:** 38 **Issue:** 3 **Pages:** 496-497 **DOI:** 10.1183/09031936.00095111 **Published Date:** 2011 SEP

PubMed ID: 21885409

ISSN: 0903-1936

Record 260 of 383

Title: The European Sleep Apnoea Database (ESADA): report from 22 European sleep laboratories

Author(s): Hedner, J (Hedner, J.); Grote, L (Grote, L.); Bonsignore, M (Bonsignore, M.); McNicholas, W (McNicholas, W.); Lavie, P (Lavie, P.); Parati, G (Parati, G.); Sliwinski, P (Sliwinski, P.); Barbé, F (Barbe, F.); De Backer, W (De Backer, W.); Escourrou, P (Escourrou, P.); Fietze, I (Fietze, I.); Kvamme, JA (Kvamme, J. A.); Lombardi, C (Lombardi, C.); Marrone, O (Marrone, O.); Masa, JF (Masa, J. F.); Montserrat, JM (Montserrat, J. M.); Penzel, T (Penzel, T.); Pretl, M (Pretl, M.); Riha, R (Riha, R.); Rodenstein, D (Rodenstein, D.); Saaresranta, T (Saaresranta, T.); Schulz, R (Schulz, R.); Tkacova, R

(Tkacova, R.); Varoneckas, G (Varoneckas, G.); Vitols, A (Vitols, A.); Vrints, H (Vrints, H.); Zielinski, J (Zielinski, J.)

Source: EUROPEAN RESPIRATORY JOURNAL **Volume:** 38 **Issue:** 3 **Pages:** 635-642 **DOI:** 10.1183/09031936.00046710 **Published Date:** 2011 SEP

PubMed ID: 21622583

ISSN: 0903-1936

Record 261 of 383

Title: Airway Clearance in COPD: Need for a Breath of Fresh Air? A Systematic Review

Author(s): Ides, K (Ides, Kris); Vissers, D (Vissers, Dick); De Backer, L (De Backer, Lieve); Leemans, G (Leemans, Glenn); De Backer, W (De Backer, Wilfried)

Source: COPD-JOURNAL OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE **Volume:** 8 **Issue:** 3 **Pages:** 196-205 **DOI:** 10.3109/15412555.2011.560582 **Published Date:** 2011 JUN

PubMed ID: 21513439

ISSN: 1541-2555

eISSN: 1541-2563

Record 262 of 383

Title: Upper Airway Lymphoid Tissues in Obese Children with Sleep Apnea: Clinical Implications

Author(s): Verhulst, S (Verhulst, Stijn); Van Hoorenbeeck, K (Van Hoorenbeeck, Kim); De Backer, W (De Backer, Wilfried); Desager, K (Desager, Kristine)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Volume:** 183 **Issue:** 7 **Pages:** 950-951 **DOI:** 10.1164/ajrccm.183.7.950b **Published Date:** 2011 APR 1

PubMed ID: 21471078

ISSN: 1073-449X

eISSN: 1535-4970

Record 263 of 383

Title: Anatomical and functional changes in the upper airways of sleep apnea patients due to mandibular repositioning: A large scale study

Author(s): Van Holsbeke, C (Van Holsbeke, Cedric); De Backer, J (De Backer, Jan); Vos, W (Vos, Wim); Verdonck, P (Verdonck, Pascal); Van Ransbeeck, P (Van Ransbeeck, Peter); Claessens, T (Claessens, Tom); Braem, M (Braem, Marc); Vanderveken, O (Vanderveken, Olivier); De Backer, W (De Backer, Wilfried)

Source: JOURNAL OF BIOMECHANICS **Volume:** 44 **Issue:** 3 **Pages:** 442-449 **DOI:** 10.1016/j.jbiomech.2010.09.026 **Published Date:** 2011 FEB 3

PubMed ID: 20970801

ISSN: 0021-9290

eISSN: 1873-2380

Record 264 of 383

Title: Management of obstructive sleep apnea in Europe

Author(s): Fietze, I (Fietze, I.); Penzel, T (Penzel, T.); Alonderis, A (Alonderis, A.); Barbe, F (Barbe, F.); Bonsignore, MR (Bonsignore, M. R.); Calverly, P (Calverly, P.); De Backer, W (De Backer, W.);

Diefenbach, K (Diefenbach, K.); Donic, V (Donic, V.); Eijsvogel, MM (Eijsvogel, M. M.); Franklin, KA (Franklin, K. A.); Gislason, T (Gislason, T.); Grote, L (Grote, L.); Hedner, J (Hedner, J.); Jennum, P (Jennum, P.); Lavie, L (Lavie, L.); Lavie, P (Lavie, P.); Levy, P (Levy, P.); Lombardi, C (Lombardi, C.); Mallin, W (Mallin, W.); Marrone, O (Marrone, O.); Montserrat, JM (Montserrat, J. M.); Papathanasiou, ES (Papathanasiou, E. S.); Parati, G (Parati, G.); Plywaczewski, R (Plywaczewski, R.); Pretl, M (Pretl, M.); Riha, RL (Riha, R. L.); Rodenstein, D (Rodenstein, D.); Saaresranta, T (Saaresranta, T.); Schulz, R (Schulz, R.); Sliwinski, P (Sliwinski, P.); Steiropoulos, P (Steiropoulos, P.); Svaza, J (Svaza, J.); Tomori, Z (Tomori, Z.); Tonnesen, P (Tonnesen, P.); Varoneckas, G (Varoneckas, G.); Verbraecken, J (Verbraecken, J.); Vesely, J (Vesely, J.); Vitols, A (Vitols, A.); Zielinski, J (Zielinski, J.); McNicholas, WT (McNicholas, W. T.)

Group Author(s): COST Action B26 Grp

Source: SLEEP MEDICINE **Volume:** 12 **Issue:** 2 **Pages:** 190-197 **DOI:** 10.1016/j.sleep.2010.10.003 **Published Date:** 2011 FEB

PubMed ID: 21167776

ISSN: 1389-9457

Record 265 of 383

Title: Cardiovascular Implications in the Treatment of Obstructive Sleep Apnea

Author(s): Vanderveken, OM (Vanderveken, Olivier M.); Boudewyns, A (Boudewyns, An); Ni, QA (Ni, Quan); Kashyap, B (Kashyap, Bhavani); Verbraecken, J (Verbraecken, Johan); De Backer, W (De Backer, Wilfried); Van de Heyning, P (Van de Heyning, Paul)

Source: JOURNAL OF CARDIOVASCULAR TRANSLATIONAL RESEARCH **Volume:** 4 **Issue:** 1 **Special Issue:** SI **Pages:** 53-60 **DOI:** 10.1007/s12265-010-9238-y **Published Date:** 2011 FEB

PubMed ID: 21104045

ISSN: 1937-5387

eISSN: 1937-5395

Record 266 of 383

Title: Predictors Of Response For Upper Airway Stimulation In Obstructive Sleep Apnea

Author(s): Badr, MS (Badr, M. S.); Oliven, A (Oliven, A.); Maurer, J (Maurer, J.); Woodson, BT (Woodson, B. T.); Knaack, L (Knaack, L.); Bornemann, MC (Bornemann, M. Cramer); Verbraecken, J (Verbraecken, J.); De Backer, WA (De Backer, W. A.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A2727 **Volume:** 183 **Published Date:** 2011

ISSN: 1073-449X

eISSN: 1535-4970

Record 267 of 383

Title: Functional Imaging Using Computational Fluid Dynamics To Compare Proair® With TruFlow™ Actuator And Ventolin® In Asthmatic Patients

Author(s): De Backer, J (De Backer, J.); Vinchurkar, S (Vinchurkar, S.); De Backer, WA (De Backer, W. A.); Zeng, XM (Zeng, X. -M.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A4431 **Volume:** 183 **Published Date:** 2011

ISSN: 1073-449X

eISSN: 1535-4970

Record 268 of 383

Title: Functional Imaging Reduces The Number Of Required Patients In Clinical Trials

Author(s): De Backer, J (De Backer, J.); Vos, W (Vos, W.); De Backer, L (De Backer, L.); Van Holsbeke, C (Van Holsbeke, C.); De Backer, WA (De Backer, W. A.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**

Abstract: A4369 **Volume:** 183 **Published Date:** 2011

ISSN: 1073-449X

eISSN: 1535-4970

Record 269 of 383

Title: Proposition Of A Method To Measure Lobar Airway Resistance And Lobar Tissue Stiffness Using Functional Imaging

Author(s): De Backer, J (De Backer, J.); Vos, W (Vos, W.); Vinchurkar, S (Vinchurkar, S.); Daems, D (Daems, D.); De Backer, L (De Backer, L.); De Backer, WA (De Backer, W. A.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**

Abstract: A3776 **Volume:** 183 **Published Date:** 2011

ISSN: 1073-449X

eISSN: 1535-4970

Record 270 of 383

Title: Factors Determining Physiological Effects Of Non-Invasive Ventilation In Hypercapnic COPD Patients

Author(s): De Backer, L (De Backer, L.); De Backer, WA (De Backer, W. A.); Vos, W (Vos, W.); De Backer, J (De Backer, J.); Daems, D (Daems, D.); Claes, R (Claes, R.); Germonpre, P (Germonpre, P.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**

Abstract: A4575 **Volume:** 183 **Published Date:** 2011

ISSN: 1073-449X

eISSN: 1535-4970

Record 271 of 383

Title: The effects of long-term noninvasive ventilation in hypercapnic COPD patients: a randomized controlled pilot study

Author(s): De Backer, L (De Backer, L.); Vos, W (Vos, W.); Dieriks, B (Dieriks, B.); Daems, D (Daems, D.); Verhulst, S (Verhulst, S.); Vinchurkar, S (Vinchurkar, S.); Ides, K (Ides, K.); De Backer, J (De Backer, J.); Germonpre, P (Germonpre, P.); De Backer, W (De Backer, W.)

Source: INTERNATIONAL JOURNAL OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE **Volume:** 6 **Pages:** 615-624 **DOI:** 10.2147/COPD.S22823 **Published Date:** 2011

PubMed ID: 22135493

ISSN: 1178-2005

Record 272 of 383

Title: Functional imaging using computer methods to compare the effect of salbutamol and ipratropium

bromide in patient-specific airway models of COPD

Author(s): De Backer, LA (De Backer, L. A.); Vos, WG (Vos, W. G.); Salgado, R (Salgado, R.); De Backer, JW (De Backer, J. W.); Devolder, A (Devolder, A.); Verhulst, SL (Verhulst, S. L.); Claes, R (Claes, R.); Germonpré, PR (Germonpre, P. R.); De Backer, WA (De Backer, W. A.)

Source: INTERNATIONAL JOURNAL OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE **Volume:** 6 **Pages:** 637-646 **DOI:** 10.2147/COPD.S21917 **Published Date:** 2011

PubMed ID: 22162649

ISSN: 1178-2005

Record 273 of 383

Title: SELECTION FOR SUCCESS IN UPPER AIRWAY NERVE STIMULATION IN OBSTRUCTIVE SLEEP APNEA

Author(s): Strohl, KP (Strohl, K. P.); Oliven, A (Oliven, A.); Maurer, JT (Maurer, J. T.); Woodson, T (Woodson, T.); Knaack, L (Knaack, L.); Bornemann, MAC (Bornemann, Cramer M. A.); Badr, M (Badr, M.); Verbraecken, J (Verbraecken, J.); De Backer, W (De Backer, W.)

Source: SLEEP **Meeting Abstract:** 0433 **Volume:** 34 **Pages:** A149-A149 **Published Date:** 2011
Supplement: S

eISSN: 1550-9109

Record 274 of 383

Title: Anatomical And Functional Changes In The Upper Airways Of Sleep Apnea Patients Due To Mandibular Repositioning: A Large Scale Study

Author(s): Van Holsbeke, C (Van Holsbeke, C.); De Backer, J (De Backer, J.); Vos, W (Vos, W.); Verdonck, P (Verdonck, P.); Van Ransbeeck, P (Van Ransbeeck, P.); Claessens, T (Claessens, T.); Braem, M (Braem, M.); Vanderveken, O (Vanderveken, O.); De Backer, WA (De Backer, W. A.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A2734 **Volume:** 183 **Published Date:** 2011

ISSN: 1073-449X

eISSN: 1535-4970

Record 275 of 383

Title: Pulmonary Function Tests And Severity Of Sleep-Disordered Breathing In Obese Teenagers

Author(s): Verhulst, S (Verhulst, S.); Van Hoorenbeeck, K (Van Hoorenbeeck, K.); Franckx, H (Franckx, H.); Debode, P (Debode, P.); De Backer, W (De Backer, W.); Desager, K (Desager, K.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A3716 **Volume:** 183 **Published Date:** 2011

ISSN: 1073-449X

eISSN: 1535-4970

Record 276 of 383

Title: Can a submaximal exercise test predict peak exercise performance in dancers?

Author(s): Vissers, D (Vissers, Dirk); Roussel, N (Roussel, Nathalie); Mistiaen, W (Mistiaen, Wilhelm); Crickemans, B (Crickemans, Bram); Truijen, S (Truijen, Steven); Nijs, J (Nijs, Jo); De Backer, W (De Backer, Wilfried)

Source: EUROPEAN JOURNAL OF SPORT SCIENCE **Volume:** 11 **Issue:** 6 **Pages:** 397-400 **DOI:** 10.1080/17461391.2010.536574 **Published Date:** 2011

ISSN: 1746-1391

eISSN: 1536-7290

Record 277 of 383

Title: In Treated Asthmatics, Symptom Scores Better Correlate With Airway Geometry Than With FEV1

Author(s): Vos, W (Vos, W.); De Backer, L (De Backer, L.); Devolder, A (Devolder, A.); Van Holsbeke, C (Van Holsbeke, C.); De Backer, J (De Backer, J.); Vinchurkar, S (Vinchurkar, S.); Claes, R (Claes, R.); De Backer, WA (De Backer, W. A.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**

Abstract: A4370 **Volume:** 183 **Published Date:** 2011

ISSN: 1073-449X

eISSN: 1535-4970

Record 278 of 383

Title: Validation of Computational Fluid Dynamics in CT-based Airway Models with SPECT/CT

Author(s): De Backer, JW (De Backer, Jan W.); Vos, WG (Vos, Wim G.); Vinchurkar, SC (Vinchurkar, Samir C.); Claes, R (Claes, Rita); Drollmann, A (Drollmann, Anton); Wulfrank, D (Wulfrank, Denis); Parizel, PM (Parizel, Paul M.); Germonpré, P (Germonpre, Paul); De Backer, W (De Backer, Wilfried)

Source: RADIOLOGY **Volume:** 257 **Issue:** 3 **Pages:** 854-862 **DOI:**

10.1148/radiol.10100322 **Published Date:** 2010 DEC

PubMed ID: 21084417

ISSN: 0033-8419

Record 279 of 383

Title: Electrical stimulation of the hypoglossal nerve in the treatment of obstructive sleep apnea

Author(s): Kezirian, EJ (Kezirian, Eric J.); Boudewyns, A (Boudewyns, An); Eisele, DW (Eisele, David W.); Schwartz, AR (Schwartz, Alan R.); Smith, PL (Smith, Philip L.); De Heyning, PHV (De Heyning, Paul H. Van); De Backer, WA (De Backer, Wilfried A.)

Source: SLEEP MEDICINE REVIEWS **Volume:** 14 **Issue:** 5 **Pages:** 299-305 **DOI:**

10.1016/j.smrv.2009.10.009 **Published Date:** 2010 OCT

PubMed ID: 20116305

ISSN: 1087-0792

eISSN: 1532-2955

Record 280 of 383

Title: PULMONARY REHABILITATION AND NON-INVASIVE VENTILATION IN COPD

Author(s): De Backer, LA (De Backer, L. A.); Ides, K (Ides, K.); Daems, D (Daems, D.); Dieriks, B (Dieriks, B.); De Backer, WA (De Backer, W. A.); Germonpre, P (Germonpre, P.)

Source: ACTA CLINICA BELGICA **Volume:** 65 **Issue:** 5 **Pages:** 330-335 **DOI:**

10.1179/acb.2010.071 **Published Date:** 2010 SEP-OCT

PubMed ID: 21128560

ISSN: 1784-3286

eISSN: 2295-3337

Record 281 of 383

Title: Expression of bronchodilator response using forced oscillation technique measurements: absolute <i>versus</i> relative

Author(s): Oostveen, E (Oostveen, E.); Dom, S (Dom, S.); Desager, K (Desager, K.); Hagendorens, M (Hagendorens, M.); De Backer, W (De Backer, W.); Weyler, J (Weyler, J.)

Source: EUROPEAN RESPIRATORY JOURNAL **Volume:** 36 **Issue:** 1 **Pages:** 213-213 **DOI:** 10.1183/09031936.00037210 **Published Date:** 2010 JUL

ISSN: 0903-1936

Record 282 of 383

Title: Lung Deposition of BDP/Formoterol HFA pMDI in Healthy Volunteers, Asthmatic, and COPD Patients

Author(s): De Backer, W (De Backer, Wilfried); Devolder, A (Devolder, Annick); Poli, G (Poli, Gianluigi); Acerbi, D (Acerbi, Daniela); Monno, R (Monno, Raffaella); Herpich, C (Herpich, Christiane); Sommerer, K (Sommerer, Knut); Meyer, T (Meyer, Thomas); Mariotti, F (Mariotti, Fabrizia)

Source: JOURNAL OF AEROSOL MEDICINE AND PULMONARY DRUG DELIVERY **Volume:** 23 **Issue:** 3 **Pages:** 137-148 **DOI:** 10.1089/jamp.2009.0772 **Published Date:** 2010 JUN

PubMed ID: 20109122

ISSN: 1941-2711

eISSN: 1941-2703

Record 283 of 383

Title: The changing face of respiratory physiology: 20 years of progress within the ERS Clinical Physiology and Integrative Biology Assembly contribution to the celebration of 20 years of the ERS

Author(s): Calverley, P (Calverley, P.); Miserocchi, G (Miserocchi, G.); Maestu, LP (Puente Maestu, L.); Aliverti, A (Aliverti, A.); De Backer, W (De Backer, W.); Andrease, S (Andrease, S.); Humbert, M (Humbert, M.)

Source: EUROPEAN RESPIRATORY JOURNAL **Volume:** 35 **Issue:** 5 **Pages:** 945-948 **DOI:** 10.1183/09031936.00035310 **Published Date:** 2010 MAY

PubMed ID: 20436168

ISSN: 0903-1936

eISSN: 1399-3003

Record 284 of 383

Title: Lung function and bronchodilator response in 4-year-old children with different wheezing phenotypes

Author(s): Oostveen, E (Oostveen, E.); Dom, S (Dom, S.); Desager, K (Desager, K.); Hagendorens, M (Hagendorens, M.); De Backer, W (De Backer, W.); Weyler, J (Weyler, J.)

Source: EUROPEAN RESPIRATORY JOURNAL **Volume:** 35 **Issue:** 4 **Pages:** 865-872 **DOI:** 10.1183/09031936.00023409 **Published Date:** 2010 APR

PubMed ID: 19926751

ISSN: 0903-1936

eISSN: 1399-3003

Record 285 of 383

Title: Correlation between the severity of sleep apnea and upper airway morphology in pediatric and adult patients

Author(s): Vos, WG (Vos, Wim G.); De Backer, WA (De Backer, Wilfried A.); Verhulst, SL (Verhulst, Stijn L.)

Source: CURRENT OPINION IN ALLERGY AND CLINICAL IMMUNOLOGY **Volume:** 10 **Issue:** 1 **Pages:** 26-33 **DOI:** 10.1097/ACI.0b013e328334f659 **Published Date:** 2010 FEB

PubMed ID: 19996963

ISSN: 1528-4050

eISSN: 1473-6322

Record 286 of 383

Title: Validation of computational fluid dynamics (CFD) in airways using single photon computed tomography (SPECT)

Author(s): De Backer, J (De Backer, J.); Vos, W (Vos, W.); Vinchurkar, S (Vinchurkar, S.); Claes, R (Claes, R.); Drollmann, A (Drollmann, A.); Wulfrank, D (Wulfrank, D.); Parizel, P (Parizel, P.); Germonpre, P (Germonpre, P.); De Backer, W (De Backer, W.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A6623 **Volume:** 181 **Published Date:** 2010

ISSN: 1073-449X

Record 287 of 383

Title: The Effects Of Weight Loss And Sleep-disordered Breathing On Systemic Inflammation And Oxidative Stress In Childhood Obesity

Author(s): Van Hoorenbeeck, K (Van Hoorenbeeck, K.); Franckx, H (Franckx, H.); Debode, P (Debode, P.); Van Gaal, L (Van Gaal, L.); Desager, K (Desager, K.); De Backer, W (De Backer, W.); Verhulst, S (Verhulst, S.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A2432 **Volume:** 181 **Published Date:** 2010

ISSN: 1073-449X

Record 288 of 383

Title: 3D-CT as a valuable tool for follow-up in cystic fibrosis

Author(s): Vervliet, L (Vervliet, L.); Vos, W (Vos, W.); Dekeyser, T (Dekeyser, T.); De Backer, J (De Backer, J.); Vinchurkar, S (Vinchurkar, S.); Salgado, R (Salgado, R.); Desager, K (Desager, K.); De Backer, W (De Backer, W.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting Abstract:** A3925 **Volume:** 181 **Published Date:** 2010

ISSN: 1073-449X

Record 289 of 383

Title: Quantitative Fissure Analysis To Select Target Lobes For Endobronchial Valve Placement In A Severe Emphysema Patient

Author(s): Vos, W (Vos, W.); Germonpre, P (Germonpre, P.); De Backer, J (De Backer, J.); Vinchurkar, S (Vinchurkar, S.); Janssens, A (Janssens, A.); Parizel, P (Parizel, P.); De Backer, W (De Backer, W.)
Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**
Abstract: A1586 **Volume:** 181 **Published Date:** 2010
ISSN: 1073-449X

Record 290 of 383

Title: The Effect of Whole Body Vibration Short-Term Exercises on Respiratory Gas Exchange in Overweight and Obese Women

Author(s): Vissers, D (Vissers, Dirk); Baeyens, JP (Baeyens, Jean-Pierre); Truijen, S (Truijen, Steven); Ides, K (Ides, Kris); Vercruysse, CC (Vercruysse, Carl-Christian); Van Gaal, L (Van Gaal, Luc)

Source: PHYSICIAN AND SPORTSMEDICINE **Volume:** 37 **Issue:** 3 **Pages:** 88-94 **DOI:** 10.3810/psm.2009.10.1733 **Published Date:** 2009 OCT

PubMed ID: 20048532

ISSN: 0091-3847

eISSN: 2326-3660

Record 291 of 383

Title: A scenario-based verification technique to assess the compatibility of collaborative business processes

Author(s): De Backer, M (De Backer, Manu); Snoeck, M (Snoeck, Monique); Monsieur, G (Monsieur, Geert); Lemahieu, W (Lemahieu, Wilfried); Dedene, G (Dedene, Guido)

Source: DATA & KNOWLEDGE ENGINEERING **Volume:** 68 **Issue:** 6 **Pages:** 531-551 **DOI:** 10.1016/j.datak.2008.12.002 **Published Date:** 2009 JUN

ISSN: 0169-023X

eISSN: 1872-6933

Record 292 of 383

Title: The Effect of Weight Loss on Sleep-disordered Breathing in Obese Teenagers

Author(s): Verhulst, SL (Verhulst, Stijn L.); Franckx, H (Franckx, Hilde); Van Gaal, L (Van Gaal, Luc); De Backer, W (De Backer, Wilfried); Desager, K (Desager, Kristine)

Source: OBESITY **Volume:** 17 **Issue:** 6 **Pages:** 1178-1183 **DOI:** 10.1038/oby.2008.673 **Published Date:** 2009 JUN

PubMed ID: 19265797

ISSN: 1930-7381

eISSN: 1930-739X

Record 293 of 383

Title: Study of the Variability in Upper and Lower Airway Morphology in Sprague-Dawley Rats Using Modern Micro-CT Scan-Based Segmentation Techniques

Author(s): De Backer, JW (De Backer, Jan W.); Vos, WG (Vos, Wim G.); Burnell, P (Burnell, Patricia); Verhulst, SL (Verhulst, Stijn L.); Salmon, P (Salmon, Phil); De Clerck, N (De Clerck, Nora); De Backer, W (De Backer, Wilfried)

Source: ANATOMICAL RECORD-ADVANCES IN INTEGRATIVE ANATOMY AND

EVOLUTIONARY BIOLOGY Volume: 292 Issue: 5 Pages: 720-727 DOI: 10.1002/ar.20877 Published Date: 2009 MAY

PubMed ID: 19322825

ISSN: 1932-8486

eISSN: 1932-8494

Record 294 of 383

Title: Sleep-disordered breathing: a new risk factor of suspected fatty liver disease in overweight children and adolescents?

Author(s): Verhulst, SL (Verhulst, Stijn L.); Jacobs, S (Jacobs, Sarah); Aerts, L (Aerts, Liselotte); Schrauwen, N (Schrauwen, Nancy); Haentjens, D (Haentjens, Dominique); Rooman, RP (Rooman, Raoul P.); Van Gaal, L (Van Gaal, Luc); De Backer, WA (De Backer, Wilfried A.); Desager, KN (Desager, Kristine N.)

Source: SLEEP AND BREATHING Volume: 13 Issue: 2 Pages: 207-210 DOI: 10.1007/s11325-008-0231-5 Published Date: 2009 MAY

PubMed ID: 19002513

ISSN: 1520-9512

eISSN: 1522-1709

Record 295 of 383

Title: Open, Randomized, Two-Way Crossover, Pilot Study To Assess the Effect of Salbutamol in Comparison with Ipratropium Bromide on Central and Peripheral Airway Dimensions in COPD Patients, Comparing New Methods of Evaluation (CFD) with Classical Lung Function Tests.

Author(s): De Backer, LA (De Backer, L. A.); Vos, WG (Vos, W. G.); Verhulst, SL (Verhulst, S. L.); De Backer, JW (De Backer, J. W.); Devolder, A (Devolder, A.); Germonpre, P (Germonpre, P.); De Backer, WA (De Backer, W. A.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE Meeting Abstract: A4576 Volume: 179 Published Date: 2009

ISSN: 1073-449X

Record 296 of 383

Title: Single-Center Experience with Endobronchial Ultrasound-Guided Transbronchial Needle Aspiration (EBUS-TBNA) for the Diagnosis of Sarcoidal Granulomatous Lymphadenitis.

Author(s): Germonpre, PR (Germonpre, P. R.); Janssens, A (Janssens, A.); Pollefliet, C (Pollefliet, C.); Van Schil, PE (Van Schil, P. E.); Van Marck, E (Van Marck, E.); De Backer, W (De Backer, W.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE Meeting Abstract: A5787 Volume: 179 Published Date: 2009

ISSN: 1073-449X

Record 297 of 383

Title: Pharmacokinetic and Pharmacodynamic Interaction of Carmoterol and Budesonide in Asthmatic Patients.

Author(s): Poli, G (Poli, G.); Devolder, A (Devolder, A.); De Backer, W (De Backer, W.); Acerbi, D (Acerbi, D.); Nandeuil, A (Nandeuil, A.); De Decker, M (De Decker, M.); Ramael, S (Ramael, S.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**
Abstract: A2789 **Volume:** 179 **Published Date:** 2009
ISSN: 1073-449X

Record 298 of 383

Title: Upper Airway Mechanics

Author(s): Verbraecken, JA (Verbraecken, Johan A.); De Backer, WA (De Backer, Wilfried A.)

Source: RESPIRATION **Volume:** 78 **Issue:** 2 **Pages:** 121-133 **DOI:** 10.1159/000222508 **Published Date:** 2009

PubMed ID: 19478479

ISSN: 0025-7931

eISSN: 1423-0356

Record 299 of 383

Title: The Effect of Weight Loss on Sleep-Disordered Breathing in Obese Teenagers.

Author(s): Verhulst, SL (Verhulst, S. L.); Franckx, H (Franckx, H.); Van Gaal, L (Van Gaal, L.); De Backer, W (De Backer, W.); Desager, K (Desager, K.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**
Abstract: A1749 **Volume:** 179 **Published Date:** 2009

ISSN: 1073-449X

Record 300 of 383

Title: Is sleep-disordered breathing an additional risk factor for the metabolic syndrome in obese children and adolescents?

Author(s): Verhulst, SL (Verhulst, S. L.); Rooman, R (Rooman, R.); Van Gaal, L (Van Gaal, L.); De Backer, W (De Backer, W.); Desager, K (Desager, K.)

Source: INTERNATIONAL JOURNAL OF OBESITY **Volume:** 33 **Issue:** 1 **Pages:** 8-13 **DOI:** 10.1038/ijo.2008.152 **Published Date:** 2009 JAN

PubMed ID: 18779826

ISSN: 0307-0565

Record 301 of 383

Title: Assessment of Distal Resistance Changes Induced by Ipratropium Bromide Versus Salbutamol in a Cross-Over Study Using Functional Imaging and Computer Methods.

Author(s): Vos, WG (Vos, W. G.); De Backer, LA (De Backer, L. A.); De Backer, JW (De Backer, J. W.); Devolder, A (Devolder, A.); Verhulst, SL (Verhulst, S. L.); Germonpre, P (Germonpre, P.); De Backer, WA (De Backer, W. A.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**
Abstract: A5579 **Volume:** 179 **Published Date:** 2009

ISSN: 1073-449X

Record 302 of 383

Title: Functional Imaging Analysis of Mucociliary Clearance after Intrapulmonary Percussive Ventilation (IPV).

Author(s): Vos, WG (Vos, W. G.); Ides, K (Ides, K.); De Backer, JW (De Backer, J. W.); De Backer, LA (De Backer, L. A.); Vissers, D (Vissers, D.); Truyen, S (Truyen, S.); De Backer, WA (De Backer, W. A.)
Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**
Abstract: A5078 **Volume:** 179 **Published Date:** 2009
ISSN: 1073-449X

Record 303 of 383

Title: Coronary Artery Calcium Score (CACS) in Moderate to Severe OSA Patients without Symptomatic Cardiovascular Disease (CAD) and Effect of 6 Months CPAP Therapy

Author(s): Vrints, H (Vrints, H.); Shivalkar, B (Shivalkar, B.); Salgado, R (Salgado, R.); Hamans, E (Hamans, E.); de Heyning, PV (de Heyning, P. Van); De Backer, W (De Backer, W.); Vrints, C (Vrints, C.); Verbraecken, J (Verbraecken, J.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Meeting**
Abstract: A5324 **Volume:** 179 **Published Date:** 2009
ISSN: 1073-449X

Record 304 of 383

Title: Novel imaging techniques using computer methods for the evaluation of the upper airway in patients with sleep-disordered breathing: A comprehensive review

Author(s): De Backer, JW (De Backer, Jan W.); Vos, WG (Vos, Wim G.); Verhulst, SL (Verhulst, Stijn L.); De Backer, W (De Backer, Wilfried)

Source: SLEEP MEDICINE REVIEWS **Volume:** 12 **Issue:** 6 **Pages:** 437-447 **DOI:** 10.1016/j.smr.2008.07.009 **Published Date:** 2008 DEC
PubMed ID: 18926741
ISSN: 1087-0792

Record 305 of 383

Title: Sleep-Disordered Breathing, Obesity, and Airway Inflammation in Children and Adolescents

Author(s): Verhulst, SL (Verhulst, Stijn L.); Aerts, L (Aerts, Liselotte); Jacobs, S (Jacobs, Sarah); Schrauwen, N (Schrauwen, Nancy); Haentjens, D (Haentjens, Dominique); Claes, R (Claes, Rita); Vaerenberg, H (Vaerenberg, Hilde); Van Gaal, LF (Van Gaal, Luc F.); De Backer, WA (De Backer, Wilfried A.); Desager, KN (Desager, Kristine N.)

Source: CHEST **Volume:** 134 **Issue:** 6 **Pages:** 1169-1175 **DOI:** 10.1378/chest.08-0535 **Published Date:** 2008 DEC
PubMed ID: 18689597
ISSN: 0012-3692
eISSN: 1931-3543

Record 306 of 383

Title: The prevalence, anatomical correlates and treatment of sleep-disordered breathing in obese children and adolescents

Author(s): Verhulst, SL (Verhulst, Stijn L.); Van Gaal, L (Van Gaal, Luc); De Backer, W (De Backer, Wilfried); Desager, K (Desager, Kristine)

Source: SLEEP MEDICINE REVIEWS **Volume:** 12 **Issue:** 5 **Pages:** 339-346 **DOI:** 10.1016/j.smr.2007.11.002 **Published Date:** 2008 OCT

PubMed ID: 18406637

ISSN: 1087-0792

Record 307 of 383

Title: Reply to "Is there a clear link between overweight/obesity and sleep disordered breathing in children?"

Author(s): Verhulst, SL (Verhulst, Stijn L.); Desager, K (Desager, Kristine); Van Gaal, L (Van Gaal, Luc); De Backer, W (De Backer, Wilfried)

Source: SLEEP MEDICINE REVIEWS **Volume:** 12 **Issue:** 5 **Pages:** 363-364 **DOI:** 10.1016/j.smr.2008.05.003 **Published Date:** 2008 OCT

ISSN: 1087-0792

Record 308 of 383

Title: Flow analyses in the lower airways:: Patient-specific model and boundary conditions

Author(s): De Backer, JW (De Backer, J. W.); Vos, WG (Vos, W. G.); Gorlé, CD (Gorle, C. D.); Germonpré, P (Germonpre, P.); Partoens, B (Partoens, B.); Wuyts, FL (Wuyts, F. L.); Parizel, PM (Parizel, P. M.); De Backer, W (De Backer, W.)

Source: MEDICAL ENGINEERING & PHYSICS **Volume:** 30 **Issue:** 7 **Pages:** 872-879 **DOI:** 10.1016/j.medengphy.2007.11.002 **Published Date:** 2008 SEP

PubMed ID: 18096425

ISSN: 1350-4533

Record 309 of 383

Title: Screening for cannabis use in a pediatric sleep clinic

Author(s): Verhulst, SL (Verhulst, Stijn L.); Schrauwen, NN (Schrauwen, Nancy N.); De Backer, W (De Backer, Wilfried); Boudewyns, A (Boudewyns, An); Desager, K (Desager, Kristine)

Source: JOURNAL OF PAEDIATRICS AND CHILD HEALTH **Volume:** 44 **Issue:** 9 **Pages:** 529-530 **Published Date:** 2008 SEP

PubMed ID: 18928478

ISSN: 1034-4810

Record 310 of 383

Title: Comparison of a custom-made and a thermoplastic oral appliance for the treatment of mild sleep apnea

Author(s): Vanderveken, OM (Vanderveken, Olivier M.); Devolder, A (Devolder, Annick); Marklund, M (Marklund, Marie); Boudewyns, AN (Boudewyns, An N.); Braem, MJ (Braem, Marc J.); Okkerse, W (Okkerse, Walter); Verbraecken, JA (Verbraecken, Johan A.); Franklin, KA (Franklin, Karl A.); De Backer, WA (De Backer, Wilfried A.); Van de Heyning, PH (Van de Heyning, Paul H.)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Volume:** 178 **Issue:** 2 **Pages:** 197-202 **DOI:** 10.1164/rccm.200701-114OC **Published Date:** 2008 JUL 15

PubMed ID: 17673699

ISSN: 1073-449X

eISSN: 1535-4970

Record 311 of 383**Title:** Denoising of multicomponent images using wavelet least-squares estimators**Author(s):** De Backer, S (De Backer, Steve); Pizurica, A (Pizurica, Aleksandra); Huysmans, B (Huysmans, Bruno); Philips, W (Philips, Wilfried); Scheunders, P (Scheunders, Paul)**Source:** IMAGE AND VISION COMPUTING **Volume:** 26 **Issue:** 7 **Pages:** 1038-1051 **DOI:** 10.1016/j.imavis.2007.11.003 **Published Date:** 2008 JUL 2**ISSN:** 0262-8856**eISSN:** 1872-8138**Record 312 of 383****Title:** Adenotonsillectomy as first-line treatment for sleep-disordered breathing in obese children**Author(s):** Verhulst, SL (Verhulst, Stun L.); De Backer, J (De Backer, Jan); Van Gaal, L (Van Gaal, Luc); De Backer, W (De Backer, Wilfried); Desager, K (Desager, Kristine)**Source:** AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Volume:** 177 **Issue:** 12 **Pages:** 1399-1399 **DOI:** 10.1164/ajrccm.177.12.1399 **Published Date:** 2008 JUN 15**PubMed ID:** 18522955**ISSN:** 1073-449X**Record 313 of 383****Title:** Medico-legal implications of sleep apnoea syndrome:: Driving license regulations in Europe**Author(s):** Alonderis, A (Alonderis, A.); Barbée, F (Barbe, F.); Bonsignore, M (Bonsignore, M.); Calverley, P (Calverley, P.); De Backer, W (De Backer, W.); Diefenbach, K (Diefenbach, K.); Donic, V (Donic, V.); Fanfulla, F (Fanfulla, F.); Fietze, I (Fietze, I.); Franklin, K (Franklin, K.); Grote, L (Grote, L.); Hedner, J (Hedner, J.); Jennum, P (Jennum, P.); Krieger, J (Krieger, J.); Levy, P (Levy, P.); McNicholas, W (McNicholas, W.); Montserrat, J (Montserrat, J.); Parati, G (Parati, G.); Pascu, M (Pascu, M.); Penzel, T (Penzel, T.); Riha, R (Riha, R.); Rodenstein, D (Rodenstein, D.); Sanna, A (Sanna, A.); Schulz, R (Schulz, R.); Sforza, E (Sforza, E.); Sliwinski, P (Sliwinski, P.); Tomori, Z (Tomori, Z.); Tonnesen, P (Tonnesen, P.); Varoneckas, G (Varoneckas, G.); Zielinski, J (Zielinski, J.); Kostelidou, K (Kostelidou, K.)**Group Author(s):** Cost Action B-26**Source:** SLEEP MEDICINE **Volume:** 9 **Issue:** 4 **Pages:** 362-375 **DOI:** 10.1016/j.sleep.2007.05.008 **Published Date:** 2008 MAY**PubMed ID:** 17765641**ISSN:** 1389-9457**Record 314 of 383****Title:** Continuous positive airway pressure therapy is associated with an increase in intraocular pressure in obstructive sleep apnea**Author(s):** Kiekens, S (Kiekens, Stefan); De Groot, V (De Groot, Veva); Coeckelbergh, T (Coeckelbergh, Tanja); Tassignon, MJ (Tassignon, Marie-Jose); van de Heyning, P (van de Heyning, Paul); De Backer, W (De Backer, Wilfried); Verbraecken, J (Verbraecken, Johan)**Source:** INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE **Volume:** 49 **Issue:** 3 **Pages:** 934-940 **DOI:** 10.1167/iovs.06-1418 **Published Date:** 2008 MAR**PubMed ID:** 18326715**ISSN:** 0146-0404

eISSN: 1552-5783

Record 315 of 383

Title: Computational fluid dynamics can detect changes in airway resistance in asthmatics after acute bronchodilation

Author(s): De Backer, JW (De Backer, J. W.); Vos, WG (Vos, W. G.); Devolder, A (Devolder, A.); Verhulst, SL (Verhulst, S. L.); Germonpré, P (Germonpre, P.); Wuyts, FL (Wuyts, F. L.); Parizel, PM (Parizel, P. M.); De Backer, W (De Backer, W.)

Source: JOURNAL OF BIOMECHANICS **Volume:** 41 **Issue:** 1 **Pages:** 106-113 **DOI:** 10.1016/j.jbiomech.2007.07.009 **Published Date:** 2008

PubMed ID: 17698073

ISSN: 0021-9290

eISSN: 1873-2380

Record 316 of 383

Title: The effects of N-acetylcysteine and inhaled steroid on inflammatory and oxidative stress markers in chronic obstructive pulmonary disease (COPD)

Author(s): van Overveld, FJ (van Overveld, Frans J.); Demkow, UA (Demkow, Urszula A.); Gorecka, D (Gorecka, Dorota); Bialas-Chromiec, B (Bialas-Chromiec, Beata); Sadowska, AM (Sadowska, Anna M.); Goljan, A (Goljan, Anna); Kolakowski, J (Kolakowski, Jacek); de Backer, WA (de Backer, Wilfried A.); Zielinski, J (Zielinski, Jan)

Source: CENTRAL EUROPEAN JOURNAL OF IMMUNOLOGY **Volume:** 33 **Issue:** 3 **Pages:** 135-141 **Published Date:** 2008

ISSN: 1426-3912

eISSN: 1644-4124

Record 317 of 383

Title: Sleep duration and metabolic dysregulation in overweight children and adolescents

Author(s): Verhulst, SL (Verhulst, S. L.); Schrauwen, N (Schrauwen, N.); Haentjens, D (Haentjens, D.); Rooman, RP (Rooman, R. P.); Van Gaal, L (Van Gaal, L.); De Backer, WA (De Backer, W. A.); Desager, KN (Desager, K. N.)

Source: ARCHIVES OF DISEASE IN CHILDHOOD **Volume:** 93 **Issue:** 1 **Pages:** 89-90 **DOI:** 10.1136/ad.2007.124768 **Published Date:** 2008 JAN

PubMed ID: 18156481

ISSN: 0003-9888

Record 318 of 383

Title: Sleep-disordered breathing and proteinuria in overweight and obese children and adolescents

Author(s): Verhulst, SL (Verhulst, S. L.); Van Hoeck, K (Van Hoeck, K.); Schrauwen, N (Schrauwen, N.); Haentjens, D (Haentjens, D.); Rooman, R (Rooman, R.); Van Gaal, L (Van Gaal, L.); De Backer, W (De Backer, W.); Desager, KN (Desager, K. N.)

Source: HORMONE RESEARCH **Volume:** 70 **Issue:** 4 **Pages:** 224-229 **DOI:** 10.1159/000151594 **Published Date:** 2008

PubMed ID: 18772595

ISSN: 0301-0163

eISSN: 1663-2826

Record 319 of 383

Title: Sleep-disordered breathing and systemic inflammation in overweight children and adolescents

Author(s): Verhulst, SL (Verhulst, S. L.); Schrauwen, N (Schrauwen, N.); Haentjens, D (Haentjens, D.); Rooman, RP (Rooman, R. P.); Van Gaal, L (Van Gaal, L.); De Backer, WA (De Backer, W. A.); Desager, KN (Desager, K. N.)

Source: INTERNATIONAL JOURNAL OF PEDIATRIC OBESITY **Volume:** 3 **Issue:** 4 **Pages:** 234-239 **Article Number:** PII 793945540 **DOI:** 10.1080/17477160802113548 **Published Date:** 2008

PubMed ID: 18608625

ISSN: 1747-7166

eISSN: 1747-7174

Record 320 of 383

Title: Abnormal cardiovascular findings in non-hypertensive obstructive sleep apnea patients

Author(s): Shivalkar, B (Shivalkar, B.); Heuten, H (Heuten, H.); Salgado, R (Salgado, R.); Kluppels, K (Kluppels, K.); Goovaerts, I (Goovaerts, I.); Vrints, C (Vrints, C.); De Backer, W (De Backer, W.); Verbraecken, J (Verbraecken, J.)

Source: ACTA CLINICA BELGICA **Volume:** 62 **Issue:** 5 **Pages:** 384-384 **Published Date:** 2007 OCT

ISSN: 0001-5512

Record 321 of 383

Title: Is wheezing associated with decreased sleep quality in Sri lankan children? A questionnaire study

Author(s): Verhulst, SL (Verhulst, S. L.); Vekemans, K (Vekemans, K.); Ho, E (Ho, E.); Aerts, L (Aerts, L.); Jacobs, S (Jacobs, S.); De Backer, LA (De Backer, L. A.); Dhanapala, H (Dhanapala, H.); Perera, P (Perera, P.); De Backer, WA (De Backer, W. A.); Desager, KN (Desager, K. N.)

Source: PEDIATRIC PULMONOLOGY **Volume:** 42 **Issue:** 7 **Pages:** 579-583 **DOI:** 10.1002/ppul.20599 **Published Date:** 2007 JUL

PubMed ID: 17526006

ISSN: 8755-6863

eISSN: 1099-0496

Record 322 of 383

Title: Sleep-disordered breathing and uric acid in overweight and obese children and adolescents

Author(s): Verhulst, SL (Verhulst, Stijn L.); Van Hoeck, K (Van Hoeck, Koen); Schrauwen, N (Schrauwen, Nancy); Haentjens, D (Haentjens, Dominique); Rooman, R (Rooman, Raoul); Van Gaal, L (Van Gaal, Luc); De Backer, WA (De Backer, Wilfried A.); Desager, KN (Desager, Kristine N.)

Source: CHEST **Volume:** 132 **Issue:** 1 **Pages:** 76-80 **DOI:** 10.1378/chest.06-2930 **Published Date:** 2007 JUL

PubMed ID: 17505038

ISSN: 0012-3692

Record 323 of 383

Title: Sleep-disordered breathing and the metabolic syndrome in overweight and obese children and adolescents

Author(s): Verhulst, SL (Verhulst, S. L.); Schrauwen, N (Schrauwen, N.); Haentjens, D (Haentjens, D.); Rooman, RR (Rooman, R. R.); Van Gaal, L (Van Gaal, L.); De Backer, WA (De Backer, W. A.); Desager, KN (Desager, K. N.)

Source: JOURNAL OF PEDIATRICS **Volume:** 150 **Issue:** 6 **Pages:** 608-612 **DOI:** 10.1016/j.jpeds.2007.01.051 **Published Date:** 2007 JUN

PubMed ID: 17517244

ISSN: 0022-3476

eISSN: 1097-6833

Record 324 of 383

Title: Sleep-disordered breathing in overweight and obese children and adolescents: prevalence, characteristics and the role of fat distribution

Author(s): Verhulst, SL (Verhulst, Stijn L.); Schrauwen, N (Schrauwen, Nancy); Haentjens, D (Haentjens, Dominique); Suys, B (Suys, Bert); Rooman, RP (Rooman, Raoul P.); Van Gaal, L (Van Gaal, Luc); De Backer, WA (De Backer, Wilfried A.); Desager, KN (Desager, Kristine N.)

Source: ARCHIVES OF DISEASE IN CHILDHOOD **Volume:** 92 **Issue:** 3 **Pages:** 205-208 **DOI:** 10.1136/ad.2006.101089 **Published Date:** 2007 MAR

PubMed ID: 17041010

ISSN: 0003-9888

Record 325 of 383

Title: Reference values for sleep-related respiratory variables in asymptomatic European children and adolescents

Author(s): Verhulst, SL (Verhulst, S. L.); Schrauwen, N (Schrauwen, N.); Haentjens, D (Haentjens, D.); Van Gaal, L (Van Gaal, L.); De Backer, WA (De Backer, W. A.); Desager, KN (Desager, K. N.)

Source: PEDIATRIC PULMONOLOGY **Volume:** 42 **Issue:** 2 **Pages:** 159-167 **DOI:** 10.1002/ppul.20551 **Published Date:** 2007 FEB

PubMed ID: 17186545

ISSN: 8755-6863

eISSN: 1099-0496

Record 326 of 383

Title: Functional imaging using computational fluid dynamics to predict treatment success of mandibular advancement devices in sleep-disordered breathing

Author(s): De Backer, JW (De Backer, J. W.); Vanderveken, OM (Vanderveken, O. M.); Vos, WG (Vos, W. G.); Devolder, A (Devolder, A.); Verhulst, SL (Verhulst, S. L.); Verbraecken, JA (Verbraecken, J. A.); Parizel, PM (Parizel, P. M.); Braem, MJ (Braem, M. J.); de Heyning, PHV (de Heyning, P. H. Van); De Backer, WA (De Backer, W. A.)

Source: JOURNAL OF BIOMECHANICS **Volume:** 40 **Issue:** 16 **Pages:** 3708-3714 **DOI:** 10.1016/j.jbiomech.2007.06.022 **Published Date:** 2007

PubMed ID: 17663990

ISSN: 0021-9290

eISSN: 1873-2380

Record 327 of 383

Title: Antioxidant and anti-inflammatory efficacy of NAC in the treatment of COPD: Discordant in vitro and in vivo dose-effects: A review

Author(s): Sadowska, AM (Sadowska, A. M.); Manuel-Y-Keenoy, B (Manuel-y-Keenoy, B.); De Backer, WA (De Backer, W. A.)

Source: PULMONARY PHARMACOLOGY & THERAPEUTICS **Volume:** 20 **Issue:** 1 **Pages:** 9-22 **DOI:** 10.1016/j.pupt.2005.12.007 **Published Date:** 2007

PubMed ID: 16458553

ISSN: 1094-5539

Record 328 of 383

Title: Glucocorticosteroids as antioxidants in treatment of asthma and COPD -: New application for an old medication?

Author(s): Sadowska, AM (Sadowska, A. M.); Klebe, B (Klebe, B.); Germonpré, P (Germonpre, P.); De Backer, W (De Backer, Wa.)

Source: STEROIDS **Volume:** 72 **Issue:** 1 **Pages:** 1-6 **DOI:** 10.1016/j.steroids.2006.10.007 **Published Date:** 2007 JAN

PubMed ID: 17145070

ISSN: 0039-128X

eISSN: 1878-5867

Record 329 of 383

Title: Bayesian wavelet-based denoising of multicomponent images

Author(s): Scheunders, P (Scheunders, Paul); De Backer, S (De Backer, Steve); Pizurica, A (Pizurica, Aleksandra); Huysmans, B (Huysmans, Bruno); Philips, W (Philips, Wilfried)

Edited by: Truchetet F; Laligant O

Source: WAVELET APPLICATIONS IN INDUSTRIAL PROCESSING V **Book Series:** Proceedings of SPIE **Volume:** 6763 **Article Number:** 67630K **DOI:** 10.1117/12.732338 **Published Date:** 2007

ISSN: 0277-786X

eISSN: 1996-756X

ISBN: 978-0-8194-6923-6

Record 330 of 383

Title: Correlation between severity of sleep apnea and upper airway morphology based on advanced anatomical and functional imaging

Author(s): Vos, W (Vos, W.); De Backer, J (De Backer, J.); Devolder, A (Devolder, A.); Vanderveken, O (Vanderveken, O.); Verhulst, S (Verhulst, S.); Salgado, R (Salgado, R.); Germonpre, P (Germonpre, P.); Partoens, B (Partoens, B.); Wuyts, F (Wuyts, F.); Parizel, P (Parizel, P.); De Backer, W (De Backer, W.)

Source: JOURNAL OF BIOMECHANICS **Volume:** 40 **Issue:** 10 **Pages:** 2207-2213 **DOI:** 10.1016/j.jbiomech.2006.10.024 **Published Date:** 2007

PubMed ID: 17178125

ISSN: 0021-9290

Record 331 of 383**Title:** Systemic antioxidant defences during acute exacerbation of chronic obstructive pulmonary disease**Author(s):** Sadowska, AM (Sadowska, Anna M.); Luyten, C (Luyten, Chris); Vints, AM (Vints, Anne-Marie); Verbraecken, J (Verbraecken, Johan); Van Ranst, D (Van Ranst, Dirk); De Backer, WA (De Backer, Wilfried A.)**Source:** RESPIROLOGY **Volume:** 11 **Issue:** 6 **Pages:** 741-747 **DOI:** 10.1111/j.1440-1843.2006.00943.x **Published Date:** 2006 NOV**PubMed ID:** 17052302**ISSN:** 1323-7799**eISSN:** 1440-1843**Record 332 of 383****Title:** Effect of rosiglitazone on the frequency of diabetes in patients with impaired glucose tolerance or impaired fasting glucose:: a randomised controlled trial**Author(s):** Gerstein, HC (Gerstein, H. C.); Yusuf, S (Yusuf, S.); Holman, RR (Holman, R. R.); Bosch, J (Bosch, J.); Anand, S (Anand, S.); Avezum, A (Avezum, A.); Budaj, A (Budaj, A.); Chiasson, J (Chiasson, J.); Conget, I (Conget, I.); Dagenais, G (Dagenais, G.); Davis, M (Davis, M.); Diaz, R (Diaz, R.); Dincag, N (Dincag, N.); Enjalbert, M (Enjalbert, M.); Escalante, A (Escalante, A.); Fodor, G (Fodor, G.); Hanefeld, M (Hanefeld, M.); Hedner, T (Hedner, T.); Jolly, K (Jolly, K.); Keltai, M (Keltai, M.); Laakso, M (Laakso, M.); Lanass, F (Lanass, F.); Lonn, E (Lonn, E.); McQueen, M (McQueen, M.); Mohan, V (Mohan, V.); Phillips, A (Phillips, A.); Piegass, L (Piegass, L.); Piragss, V (Piragss, V.); Probstfield, J (Probstfield, J.); Shaw, J (Shaw, J.); Schmid, I (Schmid, I.); Teo, K (Teo, K.); Zimmet, P (Zimmet, P.); Zinman, B (Zinman, B.); Gerstein, HC (Gerstein, H. C.); Yusuf, S (Yusuf, S.); Bosch, J (Bosch, J.); Pogue, J (Pogue, J.); Sheridan, P (Sheridan, P.); Dincag, N (Dincag, N.); Hanefeld, M (Hanefeld, M.); Hoogwerf, B (Hoogwerf, B.); Laakso, M (Laakso, M.); Mohan, V (Mohan, V.); Shaw, J (Shaw, J.); Zinman, B (Zinman, B.); Holman, RR (Holman, R. R.); Diaz, R (Diaz, R.); Guerrero, RA (Ahuaad Guerrero, R.); Albisu, J (Albisu, J.); Alvarez, MS (Alvarez, M. S.); Arregui, V (Arregui, V.); Avaca, H (Avaca, H.); Baglivo, H (Baglivo, H.); Balbuena, M (Balbuena, M.); Bello, F (Bello, F.); Bono, J (Bono, J.); Botto, M (Botto, M.); Brandani, L (Brandani, L.); Brandes, M (Brandes, M.); Bruera, D (Bruera, D.); Venere, RC (Cabral Venere, R.); Caccavo, A (Caccavo, A.); Caccurri, A (Caccurri, A.); Caime, G (Caime, G.); Capozzi, M (Capozzi, M.); Carrique, A (Carrique, A.); Carrique, P (Carrique, P.); Cartasegna, L (Cartasegna, L.); Casabe, J (Casabe, J.); Casaccia, G (Casaccia, G.); Castellanos, C (Castellanos, C.); Castro, L (Castro, L.); Cendali, G (Cendali, G.); Cerchi, P (Cerchi, P.); Cerdan, M (Cerdan, M.); Cinalli, M (Cinalli, M.); Cipullo, M (Cipullo, M.); Cismondi, M (Cismondi, M.); Citta, N (Citta, N.); Citta, L (Citta, L.); Crespo, C (Crespo, C.); Crunger, P (Crunger, P.); Cuneo, C (Cuneo, C.); De Loreda, L (De Loreda, L.); De Loreda, S (De Loreda, S.); del Cerro, S (del Cerro, S.); Denaro, R (Denaro, R.); Esperatti, E (Esperatti, E.); Esposito, L (Esposito, L.); Farras, H (Farras, H.); Fernandez, A (Fernandez, A.); Fernandez, M (Fernandez, M.); Fernandez, S (Fernandez, S.); Ferrari, G (Ferrari, G.); Focaccia, M (Focaccia, M.); Frontini, L (Frontini, L.); Gabito, A (Gabito, A.); Gambarte, A (Gambarte, A.); Garrido, M (Garrido, M.); Garrido, I (Garrido, I.); Guglielmotti, V (Guglielmotti, V.); Hershson, A (Hershson, A.); Hoffman, V (Hoffman, V.); Juarisit, G (Juarisit, G.); Klyver, M (Klyver, M.); Lagrutta, M (Lagrutta, M.); Liberman, A (Liberman, A.); Llanos, J (Llanos, J.); Marquez, LL (Lobo Marquez, L.); Lopez, R (Lopez, R.); Lowenstein, D (Lowenstein, D.); Lowenstein, J (Lowenstein, J.); Lucero, C (Lucero, C.); Luciardi, H (Luciardi, H.); Clos, EL (Luduena Clos, E.); Luna, M (Luna, M.); Luquez, C (Luquez, C.); MacKinnon, I (MacKinnon, I.); Maffia, M (Maffia, M.); Mahfoud, C (Mahfoud, C.); Majul, C (Majul, C.); Maldonado, N (Maldonado, N.); Manuale, O (Manuale, O.); Marcucci, G (Marcucci, G.); Martin, S (Martin, S.); Martinez, G (Martinez, G.); Martos, M (Martos, M.); Marzetti, E

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(George, J.); Gerstein, HC (Gerstein, H. C.); Khatib, P (Khatib, P.); Killman, K (Killman, K.); MacRae, L (MacRae, L.); MacRae, S (MacRae, S.); Pasha, F (Pasha, F.); Pogue, J (Pogue, J.); Rangachari, U (Rangachari, U.); Reiding, V (Reiding, V.); Robinson, D (Robinson, D.); Santarelli, L (Santarelli, L.); Shannon, J (Shannon, J.); Sheridan, P (Sheridan, P.); Yusuf, S (Yusuf, S.); Pascual, A (Pascual, A.); Rovito, C (Rovito, C.); Fricke, B (Fricke, B.); McBride, E (McBride, E.); Richmond, S (Richmond, S.); Smith, P (Smith, P.); Frenette, L (Frenette, L.); Magi, A (Magi, A.); Montecinos, A (Montecinos, A.); Keenan, J (Keenan, J.); Starrett, J (Starrett, J.); Ramo, J (Ramo, J.); Tarvainen, M (Tarvainen, M.); Güth, A (Gueth, A.); Weise, B (Weise, B.); Keltai, K (Keltai, K.); Kumar, V (Kumar, V.); Balode, I (Balode, I.); Zilgalve, G (Zilgalve, G.); Garcia, I (Garcia, I.); Liceaga, P (Liceaga, P.); Moreno, A (Moreno, A.); Bratten, G (Bratten, G.); Ronning, I (Ronning, I.); Nowak, W (Nowak, W.); West, W (West, W.); Margo, B (Margo, B.); Martinez, O (Martinez, O.); Dahl, G (Dahl, G.); Bookelmann, Y (Bookelmann, Y.); Schoonhoven, M (Schoonhoven, M.); Cetin, Z (Cetin, Z.); Clare, S (Clare, S.); Sackett, DL (Sackett, D. L.); Altman, D (Altman, D.); Bennett, P (Bennett, P.); Clark, CM (Clark, C. M.); Hamman, R (Hamman, R.); Ryden, L (Ryden, L.)

Group Author(s): DREAM Trial Investigators

Source: LANCET **Volume:** 368 **Issue:** 9541 **Pages:** 1096-1105 **DOI:** 10.1016/S0140-6736(06)69420-8 **Published Date:** 2006 SEP 23

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Title: INFLUENCE OF *N*-ACETYLCYSTEINE ON ICAM-1 EXPRESSION AND IL-8 RELEASE FROM ENDOTHELIAL AND EPITHELIAL CELLS

Author(s): Radomska-Lesniewska, DM (Radomska-Lesniewska, D. M.); Sadowska, AM (Sadowska, A. M.); Van Overveld, FJ (Van Overveld, F. J.); Demkow, U (Demkow, U.); Zielinski, J (Zielinski, J.); De Backer, WA (De Backer, W. A.)

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Record 334 of 383

Title: DIFFERENCES IN RESPONSES UPON CORTICOSTEROID THERAPY BETWEEN SMOKING AND NON-SMOKING PATIENTS WITH COPD

Author(s): Van Overveld, FJ (Van Overveld, F. J.); Demkow, U (Demkow, U.); Górecka, D (Gorecka, D.); De Backer, WA (De Backer, W. A.); Zielinski, J (Zielinski, J.)

Source: JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY **Volume:** 57 **Pages:** 273-282 **Published Date:** 2006 SEP **Supplement:** 4

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Title: Intermittent positive airway pressure by nasal mask as a treatment for respiratory insufficiency in a patient with Charcot-Marie-Tooth disease

Author(s): Darquennes, K (Darquennes, K.); De Jonghe, P (De Jonghe, P.); Daems, D (Daems, D.); De

Backer, W (De Backer, W.); Verbraecken, J (Verbraecken, J.)

Source: ACTA CLINICA BELGICA **Volume:** 61 **Issue:** 4 **Pages:** 176-181 **DOI:** 10.1179/acb.2006.030 **Published Date:** 2006 JUL-AUG

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Title: Obstructive sleep apnea syndrome - More insights on structural and functional cardiac alterations, and the effects of treatment with continuous positive air-way pressure

Author(s): Shivalkar, B (Shivalkar, B); Van de Heyning, C (Van de Heyning, C); Kerremans, M (Kerremans, M); Rinkevich, D (Rinkevich, D); Verbraecken, J (Verbraecken, J); de Backer, W (de Backer, W); Vrints, C (Vrints, C)

Source: JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY **Volume:** 47 **Issue:** 7 **Pages:** 1433-1439 **DOI:** 10.1016/j.jacc.2005.11.054 **Published Date:** 2006 APR 4

PubMed ID: 16580533

ISSN: 0735-1097

Record 337 of 383

Title: Body surface area in normal-weight, overweight, and obese adults. A comparison study

Author(s): Verbraecken, J (Verbraecken, J); Van de Heyning, P (Van de Heyning, P); De Backer, W (De Backer, W); Van Gaal, L (Van Gaal, L)

Source: METABOLISM-CLINICAL AND EXPERIMENTAL **Volume:** 55 **Issue:** 4 **Pages:** 515-524 **DOI:** 10.1016/j.metabol.2005.11.004 **Published Date:** 2006 APR

PubMed ID: 16546483

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eISSN: 1532-8600

Record 338 of 383

Title: Effect of *N*-acetylcysteine on neutrophil activation markers in healthy volunteers:: In vivo and in vitro study

Author(s): Sadowska, AM (Sadowska, AM); Manuel-y-Keenoy, B (Manuel-y-Keenoy, B); Vertongen, T (Vertongen, T); Schippers, G (Schippers, G); Radomska-Lesniewska, D (Radomska-Lesniewska, D); Heytens, E (Heytens, E); De Backer, WA (De Backer, WA)

Source: PHARMACOLOGICAL RESEARCH **Volume:** 53 **Issue:** 3 **Pages:** 216-225 **DOI:** 10.1016/j.phrs.2005.11.003 **Published Date:** 2006 MAR

PubMed ID: 16384711

ISSN: 1043-6618

Record 339 of 383

Title: First night effect for polysomnographic data in children and adolescents with suspected sleep disordered breathing

Author(s): Verhulst, SL (Verhulst, SL); Schrauwen, N (Schrauwen, N); De Backer, WA (De Backer, WA); Desager, KN (Desager, KN)

Source: ARCHIVES OF DISEASE IN CHILDHOOD **Volume:** 91 **Issue:** 3 **Pages:** 233-237 **DOI:** 10.1136/ad.2005.085365 **Published Date:** 2006 MAR
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ISSN: 0003-9888

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Title: Quality control of spirometry: a lesson from the BRONCUS trial

Author(s): Pellegrino, R (Pellegrino, R); Decramer, M (Decramer, M); van Schayck, CPO (van Schayck, CPO); Dekhuijzen, PNR (Dekhuijzen, PNR); Troosters, T (Troosters, T); van Herwaarden, C (van Herwaarden, C); Olivieri, D (Olivieri, D); Del Donno, M (Del Donno, M); De Backer, W (De Backer, W); Lankhorst, I (Lankhorst, I); Ardia, A (Ardia, A)

Source: EUROPEAN RESPIRATORY JOURNAL **Volume:** 26 **Issue:** 6 **Pages:** 1104-1109 **DOI:** 10.1183/09031936.05.00026705 **Published Date:** 2005 DEC

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Title: Time-dependent effect of nitrate-rich meals on exhaled nitric oxide in healthy subjects

Author(s): Vints, AM (Vints, AM); Oostveen, E (Oostveen, E); Eeckhaut, G (Eeckhaut, G); Smolders, M (Smolders, M); De Backer, WA (De Backer, WA)

Source: CHEST **Volume:** 128 **Issue:** 4 **Pages:** 2465-2470 **DOI:** 10.1378/chest.128.4.2465 **Published Date:** 2005 OCT

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ISSN: 0012-3692

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Title: Changes in respiratory and allergic symptoms in schoolchildren from 1996 to 20029 results from the ISAAC surveys in Antwerp (Belgium)

Author(s): Vellinga, A (Vellinga, A); Droste, JHJ (Droste, JHJ); Vermeire, PA (Vermeire, PA); Desager, K (Desager, K); De Backer, WA (De Backer, WA); Nelen, VJ (Nelen, VJ); Weyler, JJ (Weyler, JJ)

Source: ACTA CLINICA BELGICA **Volume:** 60 **Issue:** 5 **Pages:** 219-225 **DOI:** 10.1179/acb.2005.038 **Published Date:** 2005 SEP-OCT

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Title: Effects of N-acetylcysteine on outcomes in chronic obstructive pulmonary disease (Bronchitis Randomized on NAC Cost-Utility Study, BRONCUS):: a randomised placebo-controlled trial

Author(s): Decramer, M (Decramer, M); Rutten-van Mölken, M (Rutten-van Mölken, M); Dekhuijzen, PNR (Dekhuijzen, PNR); Troosters, T (Troosters, T); van Herwaarden, C (van Herwaarden, C); Pellegrino, R (Pellegrino, R); van Schayck, CPO (van Schayck, CPO); Olivieri, D (Olivieri, D); Del Donno, M (Del Donno, M); De Backer, W (De Backer, W); Lankhorst, I (Lankhorst, I); Ardia, A (Ardia,

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Source: LANCET **Volume:** 365 **Issue:** 9470 **Pages:** 1552-1560 **DOI:** 10.1016/S0140-6736(05)66456-2 **Published Date:** 2005 APR 30

PubMed ID: 15866309

ISSN: 0140-6736

Record 344 of 383

Title: Antioxidant defence during cardiopulmonary bypass surgery

Author(s): Luyten, CR (Luyten, CR); van Overveld, FJ (van Overveld, FJ); De Backer, LA (De Backer, LA); Sadowska, AM (Sadowska, AM); Rodrigus, IE (Rodrigus, IE); De Hert, SG (De Hert, SG); De Backer, WA (De Backer, WA)

Source: EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY **Volume:** 27 **Issue:** 4 **Pages:** 611-616 **DOI:** 10.1016/j.ejcts.2004.12.013 **Published Date:** 2005 APR

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Record 345 of 383

Title: Sleep disturbance and daytime symptoms in wheezing school-aged children

Author(s): Desager, KN (Desager, KN); Nelen, V (Nelen, V); Weyler, JJJ (Weyler, JJJ); De Backer, WA (De Backer, WA)

Source: JOURNAL OF SLEEP RESEARCH **Volume:** 14 **Issue:** 1 **Pages:** 77-82 **DOI:** 10.1111/j.1365-2869.2004.00432.x **Published Date:** 2005 MAR

PubMed ID: 15743337

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Title: The interrelationship between markers of inflammation and oxidative stress in chronic obstructive pulmonary disease:: modulation by inhaled steroids and antioxidant

Author(s): Sadowska, AM (Sadowska, AM); van Overveld, FJ (van Overveld, FJ); Górecka, D (Górecka, D); Zdrál, A (Zdrál, A); Filewska, M (Filewska, M); Demkow, UA (Demkow, UA); Luyten, C (Luyten, C); Saenen, E (Saenen, E); Zielinski, J (Zielinski, J); De Backer, WA (De Backer, WA)

Source: RESPIRATORY MEDICINE **Volume:** 99 **Issue:** 2 **Pages:** 241-249 **DOI:** 10.1016/j.rmed.2004.07.005 **Published Date:** 2005 FEB

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Record 347 of 383

Title: Inhibition of in vitro neutrophil migration through a bilayer of endothelial and epithelial cells using beta₂-agonists:: concomitant effects on IL-8 and elastase secretion and impact of glucocorticosteroids

Author(s): Sadowska, AM (Sadowska, AM); Manuel-y-Keenoy, B (Manuel-y-Keenoy, B); De Backer,

WA (De Backer, WA)

Source: PULMONARY PHARMACOLOGY & THERAPEUTICS **Volume:** 18 **Issue:** 5 **Pages:** 354-362 **DOI:** 10.1016/j.pupt.2005.01.006 **Published Date:** 2005

PubMed ID: 15939314

ISSN: 1094-5539

Record 348 of 383

Title: Quantification of pharyngeal patency in patients with sleep-disordered breathing

Author(s): Vanderveken, OM (Vanderveken, OM); Oostveen, E (Oostveen, E); Boudewyns, AN (Boudewyns, AN); Verbraecken, JA (Verbraecken, JA); Van de Heyning, PH (Van de Heyning, PH); De Backer, WA (De Backer, WA)

Source: ORL-JOURNAL FOR OTO-RHINO-LARYNGOLOGY AND ITS RELATED SPECIALTIES **Volume:** 67 **Issue:** 3 **Pages:** 168-179 **DOI:** 10.1159/000086572 **Published Date:** 2005

PubMed ID: 15990465

Record 349 of 383

Title: Pilot study of a novel mandibular advancement device for the control of snoring

Author(s): Vanderveken, OM (Vanderveken, OM); Boudewyns, AN (Boudewyns, AN); Braem, MJ (Braem, MJ); Okkerse, W (Okkerse, W); Verbraecken, JA (Verbraecken, JA); Willemen, M (Willemen, M); Wuyts, FL (Wuyts, FL); De Backer, WA (De Backer, WA); Van De Heyning, PH (Van De Heyning, PH)

Source: ACTA OTO-LARYNGOLOGICA **Volume:** 124 **Issue:** 5 **Pages:** 628-633 **DOI:** 10.1080/00016480310015984 **Published Date:** 2004 JUN

PubMed ID: 15267184

ISSN: 0001-6489

eISSN: 1651-2251

Record 350 of 383

Title: Use of ICAM-1 antibodies and antisense oligonucleotides to inhibit transmigration of neutrophils

Author(s): Sadowska, AM (Sadowska, AM); van Overveld, FJ (van Overveld, FJ); Luyten, C (Luyten, C); Germonpré, P (Germonpré, P); De Backer, WA (De Backer, WA)

Source: INFLAMMATION RESEARCH **Volume:** 53 **Issue:** 4 **Pages:** 143-149 **DOI:** 10.1007/s00011-003-1237-x **Published Date:** 2004 APR

PubMed ID: 15060720

ISSN: 1023-3830

Record 351 of 383

Title: Upper airway response to electrical stimulation of the genioglossus in obstructive sleep apnea

Author(s): Oliven, A (Oliven, A); O'Hearn, DJ (O'Hearn, DJ); Boudewyns, A (Boudewyns, A); Odeh, M (Odeh, M); De Backer, W (De Backer, W); van de Heyning, P (van de Heyning, P); Smith, PL (Smith, PL); Eisele, DW (Eisele, DW); Allan, L (Allan, L); Schneider, H (Schneider, H); Testerman, R (Testerman, R); Schwartz, AR (Schwartz, AR)

Source: JOURNAL OF APPLIED PHYSIOLOGY **Volume:** 95 **Issue:** 5 **Pages:** 2023-2029 **DOI:**

10.1152/japplphysiol.00203.2003 **Published Date:** 2003 NOV 01

PubMed ID: 14555669

ISSN: 8750-7587

eISSN: 1522-1601

Record 352 of 383

Title: Inhibitory capacity of different steroids on neutrophil migration across a bilayer of endothelial and bronchial epithelial cells

Author(s): van Overveld, FJ (van Overveld, FJ); Demkow, UA (Demkow, UA); Górecka, D (Górecka, D); Zielinski, J (Zielinski, J); De Backer, WA (De Backer, WA)

Source: EUROPEAN JOURNAL OF PHARMACOLOGY **Volume:** 477 **Issue:** 3 **Pages:** 261-267 **DOI:** 10.1016/S0014-2999(03)02153-8 **Published Date:** 2003 SEP 23

PubMed ID: 14522365

ISSN: 0014-2999

Record 353 of 383

Title: Echocardiographic assessment of left and right heart function in patients with obstructive sleep apnoea

Author(s): Shivalkar, B (Shivalkar, B); de Heyning, CV (de Heyning, CV); Kerremans, M (Kerremans, M); Rinkevich, D (Rinkevich, D); Verbraecken, J (Verbraecken, J); De Backer, W (De Backer, W); Vrints, C (Vrints, C)

Source: EUROPEAN HEART JOURNAL **Volume:** 24 **Pages:** 127-127 **DOI:** 10.1016/S0195-668X(03)94127-3 **Published Date:** 2003 AUG-SEP **Supplement:** S

ISSN: 0195-668X

Record 354 of 383

Title: Non-invasive exclusion and diagnosis of pulmonary embolism by sequential use of the rapid ELISA D-dimer assay, clinical score and spiral CT

Author(s): Michiels, JJ (Michiels, JJ); Schroyens, W (Schroyens, W); De Backer, W (De Backer, W); Van Der Planken, M (Van Der Planken, M); Hoogsteden, H (Hoogsteden, H); Pattynama, PMI (Pattynama, PMI)

Source: INTERNATIONAL ANGIOLOGY **Volume:** 22 **Issue:** 1 **Pages:** 1-14 **Published Date:** 2003 MAR

PubMed ID: 12771850

ISSN: 0392-9590

eISSN: 1827-1839

Record 355 of 383

Title: Aortic root diameter and nasal intermittent positive airway pressure treatment in Marfan's syndrome

Author(s): Verbraecken, J (Verbraecken, J); Paelinck, BP (Paelinck, BP); Willemsen, M (Willemsen, M); Van de Heyning, P (Van de Heyning, P); De Backer, W (De Backer, W)

Source: CLINICAL GENETICS **Volume:** 63 **Issue:** 2 **Pages:** 131-134 **DOI:** 10.1046/j.0009-9163.2002.00002.x **Published Date:** 2003 FEB

PubMed ID: 12630960

ISSN: 0009-9163

Record 356 of 383

Title: Remediastinoscopy after neoadjuvant therapy for non-small cell lung cancer

Author(s): Van Schil, P (Van Schil, P); van der Schoot, J (van der Schoot, J); Poniewierski, J (Poniewierski, J); Pauwels, M (Pauwels, M); Carp, L (Carp, L); Germonpré, P (Germonpré, P); De Backer, W (De Backer, W)

Source: LUNG CANCER **Volume:** 37 **Issue:** 3 **Pages:** 281-285 **Article Number:** PII S0169-5002(02)00101-0 **DOI:** 10.1016/S0169-5002(02)00101-0 **Published Date:** 2002 SEP

PubMed ID: 12234697

ISSN: 0169-5002

Record 357 of 383

Title: Intermittent positive airway pressure by nasal mask as a treatment for respiratory insufficiency in a patient with syringomyelia

Author(s): Verbraecken, J (Verbraecken, J); Willemen, M (Willemen, M); De Cock, W (De Cock, W); Van de Heyning, P (Van de Heyning, P); De Backer, W (De Backer, W)

Source: RESPIRATION **Volume:** 69 **Issue:** 2 **Pages:** 169-174 **DOI:** 10.1159/000056322 **Published Date:** 2002 MAR-APR

PubMed ID: 11961433

ISSN: 0025-7931

Record 358 of 383

Title: The inflammatory marker serum eosinophil cationic protein (ECP) compared with PEF as a tool to decide inhaled corticosteroid dose in asthmatic patients

Author(s): Löwhagen, O (Löwhagen, O); Wever, AMJ (Wever, AMJ); Lusuardi, M (Lusuardi, M); Moscato, G (Moscato, G); De Backer, WA (De Backer, WA); Gandola, L (Gandola, L); Donner, CF (Donner, CF); Ahlstedt, S (Ahlstedt, S); Larsson, L (Larsson, L); Holgate, ST (Holgate, ST)

Source: RESPIRATORY MEDICINE **Volume:** 96 **Issue:** 2 **Pages:** 95-101 **DOI:** 10.1053/rmed.2001.1218 **Published Date:** 2002 FEB

PubMed ID: 11862965

ISSN: 0954-6111

Record 359 of 383

Title: Evaluation for sleep apnea in patients with Ehlers-Danlos syndrome and Marfan: a questionnaire study

Author(s): Verbraecken, J (Verbraecken, J); Declerck, A (Declerck, A); Van de Heyning, P (Van de Heyning, P); De Backer, W (De Backer, W); Wouters, EFM (Wouters, EFM)

Source: CLINICAL GENETICS **Volume:** 60 **Issue:** 5 **Pages:** 360-365 **DOI:** 10.1034/j.1399-0004.2001.600507.x **Published Date:** 2001 NOV

PubMed ID: 11903337

ISSN: 0009-9163

Record 360 of 383**Title:** Therapeutic electrical stimulation of the hypoglossal nerve in obstructive sleep apnea**Author(s):** Schwartz, AR (Schwartz, AR); Bennett, ML (Bennett, ML); Smith, PL (Smith, PL); De Backer, W (De Backer, W); Hedner, J (Hedner, J); Boudewyns, A (Boudewyns, A); Van de Heyning, P (Van de Heyning, P); Ejnell, H (Ejnell, H); Hochban, W (Hochban, W); Knaack, L (Knaack, L); Podszus, T (Podszus, T); Penzel, T (Penzel, T); Peter, JH (Peter, JH); Goding, GS (Goding, GS); Erickson, DJ (Erickson, DJ); Testerman, R (Testerman, R); Ottenhoff, F (Ottenhoff, F); Eisele, DW (Eisele, DW)**Source:** ARCHIVES OF OTOLARYNGOLOGY-HEAD & NECK SURGERY **Volume:** 127 **Issue:** 10 **Pages:** 1216-1223 **DOI:** 10.1001/archotol.127.10.1216 **Published Date:** 2001 OCT**PubMed ID:** 11587602**ISSN:** 0886-4470**eISSN:** 1538-361X**Record 361 of 383****Title:** Pattern of upper airway obstruction during sleep before and after uvulopalatopharyngoplasty in patients with obstructive sleep apnea**Author(s):** Boudewyns, AN (Boudewyns, A. N.); De Backer, WA (De Backer, W. A.); Van de Heyning, PH (Van de Heyning, P. H.)**Source:** SLEEP MEDICINE **Volume:** 2 **Issue:** 4 **Pages:** 309-315 **Article Number:** PII S1389-9457(00)00095-2 **DOI:** 10.1016/S1389-9457(00)00095-2 **Published Date:** 2001 JUL**PubMed ID:** 11438247**ISSN:** 1389-9457**Record 362 of 383****Title:** Continuous positive airway pressure and lung inflation in sleep apnea patients**Author(s):** Verbraecken, J (Verbraecken, J); Willemen, M (Willemen, M); De Cock, W (De Cock, W); Van de Heyning, P (Van de Heyning, P); De Backer, WA (De Backer, WA)**Source:** RESPIRATION **Volume:** 68 **Issue:** 4 **Pages:** 357-364 **DOI:** 10.1159/000050527 **Published Date:** 2001 JUL-AUG**PubMed ID:** 11464081**ISSN:** 0025-7931**eISSN:** 1423-0356**Record 363 of 383****Title:** Abbreviated method for assessing upper airway function in obstructive sleep apnea**Author(s):** Boudewyns, A (Boudewyns, A); Punjabi, N (Punjabi, N); Van de Heyning, PH (Van de Heyning, PH); De Backer, WA (De Backer, WA); O'Donnell, CP (O'Donnell, CP); Schneider, H (Schneider, H); Smith, PL (Smith, PL); Schwartz, AR (Schwartz, AR)**Source:** CHEST **Volume:** 118 **Issue:** 4 **Pages:** 1031-1041 **DOI:** 10.1378/chest.118.4.1031 **Published Date:** 2000 OCT**PubMed ID:** 11035674**ISSN:** 0012-3692**Record 364 of 383**

Title: Influence of longterm CPAP therapy on CO₂ drive in patients with obstructive sleep apnea

Author(s): Verbraecken, J (Verbraecken, J); Willemen, M (Willemen, M); De Cock, W (De Cock, W); Wittesaele, W (Wittesaele, W); Govaert, K (Govaert, K); Van de Heyning, P (Van de Heyning, P); De Backer, W (De Backer, W)

Source: RESPIRATION PHYSIOLOGY **Volume:** 123 **Issue:** 1-2 **Pages:** 121-130 **DOI:** 10.1016/S0034-5687(00)00140-7 **Published Date:** 2000 OCT

PubMed ID: 10996193

ISSN: 0034-5687

Record 365 of 383

Title: Morphometric analysis of the uvula in patients with sleep-related breathing disorders

Author(s): Hamans, EPPM (Hamans, EPPM); Van Marck, EA (Van Marck, EA); De Backer, WA (De Backer, WA); Creten, W (Creten, W); Van de Heyning, PH (Van de Heyning, PH)

Source: EUROPEAN ARCHIVES OF OTO-RHINO-LARYNGOLOGY **Volume:** 257 **Issue:** 4 **Pages:** 232-236 **DOI:** 10.1007/s004050050229 **Published Date:** 2000 APR

PubMed ID: 10867841

ISSN: 0937-4477

Record 366 of 383

Title: Short- and long-term outcomes of uvulopalatopharyngoplasty in nonapneic snorers and obstructive sleep apnea patients

Author(s): Boudewyns, A (Boudewyns, A); Mariën, S (Mariën, S); Wuyts, F (Wuyts, F); De Backer, W (De Backer, W); Van de Heyning, P (Van de Heyning, P)

Source: OTO-RHINO-LARYNGOLOGIA NOVA **Volume:** 10 **Issue:** 3-4 **Pages:** 172-178 **DOI:** 10.1159/000027966 **Published Date:** 2000

ISSN: 1014-8221

Record 367 of 383

Title: Induced sputum of patients with chronic obstructive pulmonary disease (COPD) contains adhesion-promoting, therapy-sensitive factors

Author(s): van Overveld, FJ (van Overveld, FJ); Vermeire, PA (Vermeire, PA); De Backer, WA (De Backer, WA)

Source: INFLAMMATION RESEARCH **Volume:** 49 **Issue:** 1 **Pages:** 8-13 **DOI:** 10.1007/PL00000203 **Published Date:** 2000 JAN

PubMed ID: 10778915

ISSN: 1023-3830

eISSN: 1420-908X

Record 368 of 383

Title: Gamma-glutamyltransferase is lower in epithelial lining fluid (ELF) of COPD patients compared to healthy subjects.

Author(s): Luyten, C (Luyten, C); van Klaveren, RJ (van Klaveren, RJ); van Overveld, F (van Overveld, F); De Backer, W (De Backer, W); Vermeire, P (Vermeire, P)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Volume:** 159 **Issue:** 3 **Pages:** A821-A821 **Published Date:** 1999 MAR **Supplement:** S
ISSN: 1073-449X

Record 369 of 383

Title: Effect of BALF of COPD patients and healthy subjects on GSH levels in A549 cells exposed to hydrogen peroxide.

Author(s): Luyten, C (Luyten, C); van Klaveren, RJ (van Klaveren, RJ); van Overveld, FJ (van Overveld, FJ); De Backer, WA (De Backer, WA); Vermeire, P (Vermeire, P)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Volume:** 159 **Issue:** 3 **Pages:** A813-A813 **Published Date:** 1999 MAR **Supplement:** S
ISSN: 1073-449X

Record 370 of 383

Title: The hypoxic ventilatory response is influenced by the lowest oxygen saturation applied during the test

Author(s): van Klaveren, RJ (van Klaveren, RJ); De Backer, WA (De Backer, WA); Demedts, M (Demedts, M)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Volume:** 159 **Issue:** 3 **Pages:** A429-A429 **Published Date:** 1999 MAR **Supplement:** S
ISSN: 1073-449X

Record 371 of 383

Title: The effects of food intake on the Trolox-equivalent anti-oxidant capacity (TEAC) assay

Author(s): van Overveld, FJ (van Overveld, FJ); Kasper, L (Kasper, L); Luyten, C (Luyten, C); Vandekerckhove, K (Vandekerckhove, K); van Klaveren, RJ (van Klaveren, RJ); De Backer, WA (De Backer, WA)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Volume:** 159 **Issue:** 3 **Pages:** A885-A885 **Published Date:** 1999 MAR **Supplement:** S
ISSN: 1073-449X

Record 372 of 383

Title: Control of breathing and nasal resistance during wakefulness patients with snoring and obstructive sleep apnea.

Author(s): Verbraecken, J (Verbraecken, J); Willemen, M (Willemen, M); Wittesaele, W (Wittesaele, W); De Cock, W (De Cock, W); Van de Heyning, P (Van de Heyning, P); De Backer, W (De Backer, W)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Volume:** 159 **Issue:** 3 **Pages:** A172-A172 **Published Date:** 1999 MAR **Supplement:** S
ISSN: 1073-449X

Record 373 of 383

Title: Screening for sleep apnea using a movement-detector and pulse oxymetry versus polysomnographic recording.

Author(s): Verbraecken, J (Verbraecken, J); Wittesaele, W (Wittesaele, W); De Cock, W (De Cock, W); Van de Heyning, P (Van de Heyning, P); De Backer, W (De Backer, W)

Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE **Volume:** 159 **Issue:** 3 **Pages:** A792-A792 **Published Date:** 1999 MAR **Supplement:** S
ISSN: 1073-449X

Record 374 of 383

Title: Two months follow up of auto-CPAP treatment in patients with obstructive sleep apnoea

Author(s): Boudewyns, A (Boudewyns, A); Grillier-Lanoir, V (Grillier-Lanoir, V); Willemen, MJ (Willemen, MJ); De Cock, WA (De Cock, WA); Van de Heyning, PH (Van de Heyning, PH); De Backer, WA (De Backer, WA)

Source: THORAX **Volume:** 54 **Issue:** 2 **Pages:** 147-149 **DOI:** 10.1136/thx.54.2.147 **Published Date:** 1999 FEB

PubMed ID: 10325921

ISSN: 0040-6376

Record 375 of 383

Title: Oxidatively modified proteins in bronchoalveolar lavage fluid of patients with ARDS and patients at-risk for ARDS

Author(s): Lenz, AG (Lenz, AG); Jorens, PG (Jorens, PG); Meyer, B (Meyer, B); De Backer, W (De Backer, W); Van Overveld, F (Van Overveld, F); Bossaert, L (Bossaert, L); Maier, KL (Maier, KL)

Source: EUROPEAN RESPIRATORY JOURNAL **Volume:** 13 **Issue:** 1 **Pages:** 169-174 **DOI:** 10.1034/j.1399-3003.1999.13a31.x **Published Date:** 1999 JAN

PubMed ID: 10836343

ISSN: 0903-1936

Record 376 of 383

Title: Relationship between CO₂ drive and characteristics of apneas in obstructive and central sleep apnea

Author(s): Verbraecken, J (Verbraecken, J); Willemen, M (Willemen, M); De Cock, W (De Cock, W); Van de Heyning, PV (Van de Heyning, PV); De Backer, W (De Backer, W)

Source: RESPIRATION PHYSIOLOGY **Volume:** 114 **Issue:** 2 **Pages:** 185-194 **DOI:** 10.1016/S0034-5687(98)00090-5 **Published Date:** 1998 NOV

PubMed ID: 9865592

ISSN: 0034-5687

Record 377 of 383

Title: Methods and clinical significance of studying chemical drives

Author(s): De Backer, WA (De Backer, WA)

Source: RESPIRATION PHYSIOLOGY **Volume:** 114 **Issue:** 1 **Pages:** 75-81 **DOI:** 10.1016/S0034-5687(98)00074-7 **Published Date:** 1998 OCT

PubMed ID: 9858053

ISSN: 0034-5687

Record 378 of 383

Title: Repeat mediastinoscopy in the staging of lung cancer

Author(s): Pauwels, M (Pauwels, M); Van Schil, P (Van Schil, P); De Backer, W (De Backer, W); Van den Brande, F (Van den Brande, F); Eyskens, E (Eyskens, E)

Source: EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY **Volume:** 14 **Issue:** 3 **Pages:** 271-273 **DOI:** 10.1016/S1010-7940(98)00196-1 **Published Date:** 1998 SEP

PubMed ID: 9761436

ISSN: 1010-7940

Record 379 of 383

Title: Appearance of central apnoea in a patient treated by auto-CPAP for obstructive sleep apnoea

Author(s): Boudewyns, A (Boudewyns, A); Van de Heyning, P (Van de Heyning, P); De Backer, W (De Backer, W)

Source: RESPIRATORY MEDICINE **Volume:** 92 **Issue:** 6 **Pages:** 891-893 **DOI:** 10.1016/S0954-6111(98)90399-7 **Published Date:** 1998 JUN

PubMed ID: 9850381

ISSN: 0954-6111

Record 380 of 383

Title: Nasal CPAP in sleep apnea: Patient profile, compliance and influence on gas exchange and pulmonary function

Author(s): Verbraecken, J (Verbraecken, J); Willemen, M (Willemen, M); Geldhof, J (Geldhof, J); De Cock, W (De Cock, W); Van de Heyning, P (Van de Heyning, P); De Backer, W (De Backer, W)

Source: ACTA CLINICA BELGICA **Volume:** 53 **Issue:** 2 **Pages:** 105-113 **DOI:** 10.1080/17843286.1998.11754152 **Published Date:** 1998 APR

PubMed ID: 9639949

ISSN: 1784-3286

eISSN: 2295-3337

Record 381 of 383

Title: Central sleep apnea after interrupting longterm acetazolamide therapy

Author(s): Verbraecken, J (Verbraecken, J); Willemen, M (Willemen, M); De Cock, W (De Cock, W); Coen, E (Coen, E); Van de Heyning, P (Van de Heyning, P); De Backer, W (De Backer, W)

Source: RESPIRATION PHYSIOLOGY **Volume:** 112 **Issue:** 1 **Pages:** 59-70 **DOI:** 10.1016/S0034-5687(98)00010-3 **Published Date:** 1998 APR

PubMed ID: 9696283

ISSN: 0034-5687

Record 382 of 383

Title: N-acetyl cysteine (NAC) induced changes in oxygen radical production and glutathion levels in neutrophils of patients with chronic obstructive pulmonary diseases (COPD).

Author(s): Janssens, AR (Janssens, AR); Schuerwegh, A (Schuerwegh, A); De Clerck, LS (De Clerck, LS); Bridts, CH (Bridts, CH); De Backer, WA (De Backer, WA); Stevens, WJ (Stevens, WJ)

Source: JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY **Meeting Abstract:** 471 **Volume:** 101 **Issue:** 1 **Pages:** S114-S114 **Published Date:** 1998 JAN **Part:** 2

ISSN: 0091-6749

eISSN: 1097-6825

Record 383 of 383

Title: Site of upper airway obstruction in obstructive apnoea and influence of sleep stage

Author(s): Boudewyns, AN (Boudewyns, AN); Van de Heyning, PH (Van de Heyning, PH); De Backer, WA (De Backer, WA)

Source: EUROPEAN RESPIRATORY JOURNAL **Volume:** 10 **Issue:** 11 **Pages:** 2566-2572 **DOI:** 10.1183/09031936.97.10112566 **Published Date:** 1997 NOV

PubMed ID: 9426096

ISSN: 0903-1936

eISSN: 1399-3003

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