Editorial

Welcome to the Respiratory Review for July 2016 to June 2017. The ACPRC would like to thank reviewers for their ongoing commitment to this publication.

Robyn Stiger
Respiratory Review Editor
respiratoryrevieweditor@acprc.org.uk

Reviewers

Alun Bonello
Amy Bendall
Claire Bradley
Charlotte Pereria
Eleanor Douglas
Ema Swingwood
Frances Butler
Gareth Cornell
Izzie Easton
Kiki Patel
Jemma Mears
Laura Moth
Lucy Gardiner
May Nel
Rebecca Knowles
Robyn Stiger
Sarah Jones
Una Jones
Journals

American Journal of Critical Care
American Journal of Respiratory and Critical Care Medicine
Anaesthesia
Archives of Physical Medicine and Rehabilitation
BMJ
British Journal of Anaesthesia
Chest
Chronic Respiratory Disease
Cochrane Systematic Reviews
Critical Care
Critical Care Medicine
Current Opinion in Critical Care
European Respiratory Journal
Heart and Lung
International Journal of Chronic Obstructive Pulmonary Disease
Intensive and Critical Care Nursing
Intensive Care Medicine
Journal of Advanced Nursing
Journal of American Medical Association
Journal of Cardiopulmonary Rehabilitation and Prevention
Journal of Chronic Obstructive Pulmonary Disease
Journal of Critical Care
Journal of Cystic Fibrosis
Journal of Intensive Care Medicine
Journal of Neonatal-Perinatal Medicine
Journal of Neurology, Neurosurgery and Psychiatry
Journal of Physiotherapy
Journal of Rehabilitation Medicine
Lancet
Neurology
New England Journal of Medicine
New Zealand Journal of Physiotherapy
Open Respiratory Medicine Journal
Pediatric Critical Care Medicine
Pediatric Pulmonology
Pediatric Research
Pediatric Respiratory Reviews
Physical Therapy
Physical Therapy Reviews
Physiotherapy
Physiotherapy Canada
Physiotherapy Research International
Physiotherapy Theory and Practice
Respiration
Respiratory Care
Respiratory Medicine
Respiratory Physiology and Neurobiology
Respiratory Research
Thorax
## Index of Topics

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cardiovascular Disease</strong></td>
<td>5</td>
</tr>
<tr>
<td>Cardiac Rehabilitation</td>
<td>5</td>
</tr>
<tr>
<td>Heart Failure</td>
<td>5</td>
</tr>
<tr>
<td><strong>Critical Care</strong></td>
<td>6</td>
</tr>
<tr>
<td>Acute Lung Injury and ARDS</td>
<td>8</td>
</tr>
<tr>
<td>Airway and Anaesthesia</td>
<td>9</td>
</tr>
<tr>
<td>Critical Care Rehabilitation</td>
<td>9</td>
</tr>
<tr>
<td>ECMO/ECCOR</td>
<td>10</td>
</tr>
<tr>
<td>General Critical Care</td>
<td>11</td>
</tr>
<tr>
<td>Mechanical Ventilation &amp; Weaning</td>
<td>12</td>
</tr>
<tr>
<td>Acute Respiratory Failure</td>
<td>17</td>
</tr>
<tr>
<td>Ventilator Associated Pneumonia</td>
<td>18</td>
</tr>
<tr>
<td><strong>Oxygen therapy</strong></td>
<td>18</td>
</tr>
<tr>
<td>Dyspnoea</td>
<td>20</td>
</tr>
<tr>
<td><strong>Lung Disease</strong></td>
<td>20</td>
</tr>
<tr>
<td>Asthma</td>
<td>20</td>
</tr>
<tr>
<td>Bronchiectasis and PCD</td>
<td>21</td>
</tr>
<tr>
<td>Community Acquired Pneumonia</td>
<td>22</td>
</tr>
<tr>
<td>COPD</td>
<td>22</td>
</tr>
<tr>
<td>Cystic Fibrosis (Paediatrics &amp; Adults)</td>
<td>31</td>
</tr>
<tr>
<td>General Lung Disease</td>
<td>33</td>
</tr>
<tr>
<td>Interstitial Lung Disease</td>
<td>34</td>
</tr>
<tr>
<td>Lung Cancer</td>
<td>34</td>
</tr>
<tr>
<td><strong>Pulmonary Rehabilitation, exercise &amp; activity</strong></td>
<td>35</td>
</tr>
<tr>
<td><strong>Neurology</strong></td>
<td>42</td>
</tr>
<tr>
<td>Neuromuscular Disorders</td>
<td>43</td>
</tr>
<tr>
<td>Spinal cord injury</td>
<td>44</td>
</tr>
<tr>
<td><strong>NIV and CPAP</strong></td>
<td>44</td>
</tr>
<tr>
<td>Obstructive Sleep Apnoea &amp; Obesity</td>
<td>47</td>
</tr>
<tr>
<td>Paediatrics</td>
<td>48</td>
</tr>
<tr>
<td>Neonatal care</td>
<td>52</td>
</tr>
<tr>
<td><strong>Palliative/End of life care</strong></td>
<td>53</td>
</tr>
<tr>
<td>Physiology and Lung Function</td>
<td>53</td>
</tr>
<tr>
<td>Respiratory Physiotherapy</td>
<td>54</td>
</tr>
<tr>
<td><strong>Smoking, Smoking Cessation, Smoke inhalation</strong></td>
<td>55</td>
</tr>
<tr>
<td><strong>Surgery</strong></td>
<td>56</td>
</tr>
<tr>
<td>Pre-operative Care</td>
<td>56</td>
</tr>
<tr>
<td>Cardiothoracic Surgery &amp; Transplant</td>
<td>56</td>
</tr>
<tr>
<td>Upper GI Surgery</td>
<td>57</td>
</tr>
<tr>
<td>General &amp; Vascular Surgery</td>
<td>58</td>
</tr>
<tr>
<td>Miscellaneous Surgical Care</td>
<td>58</td>
</tr>
<tr>
<td><strong>Use of technology</strong></td>
<td>59</td>
</tr>
<tr>
<td>Ultrasound</td>
<td>59</td>
</tr>
<tr>
<td>Education</td>
<td>59</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>59</td>
</tr>
</tbody>
</table>
Cardiovascular Disease

Cardiac Rehabilitation


Heart Failure 


ACPRC Respiratory Review | Issue 10 | June 2018 → Go to contents page


**Critical Care**

**Acute Lung Injury and ARDS**

**DINGLAS, V., FRIEDMAN, L., COLANTUONI, E., et al. 2017.**
Muscle Weakness and 5-Year Survival in Acute Respiratory Distress Syndrome Survivors
*Critical Care Medicine,* 45(3), 446-453.

**Abstract**

**FAN, E., DEL SORBO, L., GOLIGHER, E. et al. 2017.**
*American Journal of Respiratory and Critical Care Medicine,* 195(9), 1253-1263.

**Abstract**

**GUO, L., WANG, W., ZHAO, N., et al. 2016.**
Mechanical ventilation strategies for intensive care unit patients without acute lung injury or acute respiratory distress syndrome: a systematic review and network meta-analysis.
*Critical Care,* 20(1), 226.

**Abstract**

**HOWELLS, P., THICKETT, D., KNOW, C. et al. 2016.**
The impact of the acute respiratory distress syndrome on outcome after oesophagectomy
*British Journal of Anaesthesia,* 117(3), 375-381.

**Abstract**

Severity of Acute Respiratory Distress Syndrome in haematology patients: long-term impact and early predictive factors.
*Anaesthesia,* 71(9), 1081-1090.

**Abstract**

**MÁCA, J., JOR, O., HOLUB, M. et al. 2017.**
Past and Present ARDS Mortality Rates: A Systematic Review
*Respiratory Care,* 62(1) 113-122.

**Abstract**

**MARTI, J., HALL, P., HAMILTON, P. et al. 2016.**
One-year resource utilisation, costs and quality of life in patients with acute respiratory distress syndrome (ARDS): secondary analysis of a randomised controlled trial.
*Journal of Intensive Care,* 4(1), 56.

**Abstract**

**MUÑOZ, J., SANTA-TERESA, P., TOMEY, M. et al. 2017.**
Extracorporeal membrane oxygenation (ECMO) in adults with acute respiratory distress syndrome (ARDS): A 6-year experience and case–control study.
*Heart and Lung,* 46(2), 100-105.

**Abstract**

**NATT, B., DESAI, H., SINGH, N. et al. 2016.**
*Respiratory Care,* 61 (10) 1293-1298.

**Abstract**

**NETO, S., SCHMIDT, M., AZEVEDO, L. et al. 2016.**
Associations between ventilator settings during extracorporeal membrane oxygenation for refractory hypoxemia and outcome in patients with acute respiratory distress syndrome: a pooled individual patient data analysis.
*Intensive Care Medicine,* 42(11), 1672-1684.

**Abstract**

**YADAV, H., THOMPSON, B. & GAJIC, O. 2017.**
Fifty Years of Research in ARDS. Is Acute Respiratory Distress Syndrome a Preventable Disease?
*American Journal of Respiratory and Critical Care Medicine,* 195(6), 725-736.

**Abstract**

**YOSHIDA, T., FUJINO, Y., AMATO, M. & KAVANAGH, B. 2017.**
Fifty Years of Research in ARDS. Spontaneous Breathing during Mechanical Ventilation. Risks, Mechanisms, and Management.
*American Journal of Respiratory and Critical Care Medicine,* 195(8), 985-992.

**Abstract**
Airway and Anaesthesia

Perioperative cognitive protection.
British Journal of Anaesthesia, 117(suppl_3): iii52-iii61.
Abstract

Laryngeal Dysfunction: Assessment and Management for the Clinician.
American Journal of Respiratory and Critical Care Medicine, 194(9), 1062-1072.
Abstract

Monitoring regional blockade.
Anaesthesia, 72, 70-75.
Abstract

Tracheal extubation of the adult intensive care patient with a predicted difficult airway – a narrative review.
Anaesthesia, 72(2), 248-261.
Abstract

Critical Care Rehabilitation

Effect of daily use of electronic checklist on physical rehabilitation consultations in critically ill patients.
Journal of Critical Care, 38, 357-361.
Abstract

Physical Activity of ICU Survivors during Acute Admission: Agreement of the activPAL with Observation.
Physiotherapy Canada, 70(1), 57-63.
Abstract

Inspiratory muscle training to enhance recovery from mechanical ventilation: a randomised trial.
Thorax, 71(9), 812-819.
Abstract

Early Mobilization Reduces Duration of Mechanical Ventilation and Intensive Care Unit Stay in Patients With Acute Respiratory Failure.
Abstract

Physical rehabilitation interventions for adult patients during critical illness: an overview of systematic reviews.
Thorax 71 (10), 881-890.
Abstract

Use of Neuromuscular Electrical Stimulation to Preserve the Thickness of Abdominal and Chest Muscles of Critically Ill Patients: A Randomized Control Trial.
Abstract

Factors Associated with Functional Recovery among Older Intensive Care Unit Survivors.
Abstract

The RECOVER Program: Disability Risk Groups and 1-Year Outcome after 7 or More Days of Mechanical Ventilation.
American Journal of Respiratory and Critical Care Medicine, 194(7), 831-844.
Abstract

Physiotherapy management of intensive care unit-acquired weakness.
Journal of Physiotherapy, 63(1), 4-10.
Abstract

Functional Status Score for the ICU: An International Clinimetric Analysis of Validity, Responsiveness, and Minimal Important Difference.
Critical Care Medicine, 44(12), e1155-e1164.
Abstract

KAMDAR, B., COMBS, M., COLANTUONI, E., et al. 2016. The association of sleep quality, delirium, and sedation status with daily participation in physical therapy in the ICU. *Critical Care*, 20, 261. Full text


LATRONICO, N. 2016. Critical illness polyneuropathy and myopathy 20 years later. No man’s land? No, it is our land! *Intensive Care Medicine*, 42(11), 1790-1793. Abstract


ECMO/ECCOR


General Critical Care


Improving Hospital Survival and Reducing Brain Dysfunction at Seven California Community Hospitals: Implementing PAD Guidelines via the ABCDEF Bundle in 6,064 Patients. 
*Critical Care Medicine, 45*(2), 171-178.
[Abstract]

Somatosensory Functions in Survivors of Critical Illness. 
*Critical Care Medicine, 45*(6), e567-e574.
[Abstract]

Facing acute hypoxia: from the mountains to critical care medicine. 
*British Journal of Anaesthesia, 118*(3), 283-286.
[Fulltext]

Insulin and the Brain: A Sweet Relationship with Intensive Care. 
*Journal of Intensive Care Medicine, 32*(1), 48-58.
[Abstract]

Effect of ABCDE Bundle Implementation on Prevalence of Delirium in Intensive Care Unit Patients. 
[Abstract]

Diagnosis and management of skin and soft tissue infections in the intensive care unit: a review. 
*Intensive Care Medicine, 42*(12), 1899-1911.
[Abstract]

CHLAN, L. 2016.
Engaging Critically Ill Patients in Symptom Management: Thinking Outside the Box! American *Journal of Critical Care, 25*(4), 293-300.
[Full Text]

Long-term cognitive outcomes among unselected ventilated and non-ventilated ICU patients. 
*Journal of Intensive Care, 5*(1),18.
[Abstract]

Fundamentals of aerosol therapy in critical care. 
*Critical Care, 20*(1), 269.
[Abstract]

Update in Critical Care 2015. 
*American Journal of Respiratory and Critical Care Medicine, 194*(1), 19-25.
[Abstract]

The relationship between executive dysfunction, depression, and mental health-related quality of life in survivors of critical illness: Results from the BRAIN-ICU investigation. 
*Journal of Critical Care, 37*, 72-79.
[Abstract]

The ABCDEF Bundle: Science and Philosophy of How ICU Liberation Serves Patients and Families. 
*Critical Care Medicine, 45*(2), 321-330.
[Abstract]

Ketamine for analgosedation in critically ill patients. 
*Journal of Critical Care, 35*, 145-149.
[Abstract]

*Critical Care Medicine, 45*(1), e40-e48.
[Abstract]

The Impact of Interventions to Improve Sleep on Delirium in the ICU: A Systematic Review and Research Framework. 
*Critical Care Medicine, 44*(12), 2231-2240.
[Abstract]
GEOGHAN, S., OULTON, K., BULL, C. et al. 2016. The Experience of Long-Stay Parents in the ICU: A Qualitative Study of Parent and Staff Perspectives. Pediatric Critical Care Medicine, 17(11), e496–e501. Abstract


Abstract

Abstract

Abstract

Abstract

Abstract

Abstract

Abstract

Abstract

Abstract

Abstract

NIELSEN, A. & ANGEL, S. 2016. Consolation or confrontation when interacting through an ICU diary - A phenomenological-hermeneutical study. *Intensive and Critical Care Nursing*, 37, 4-10.  
Abstract

Abstract

Abstract

Abstract

Abstract


**Mechanical Ventilation & Weaning**


[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

MAURI, T., ERONIA, N., TURRINI, C. 2016. Bedside assessment of the effects of positive end-expiratory pressure on lung inflation and recruitment by the helium dilution technique and electrical impedance tomography. *Intensive Care Medicine, 42*(10), 1576-1587.  
[Abstract]


Acute Respiratory Failure


**Ventilator Associated Pneumonia**


**Oxygen therapy**


**Abstract**


**Abstract**


**Abstract**


**Abstract**


**Abstract**


**Abstract**


**Abstract**


**Abstract**


**Abstract**


**Abstract**


**Abstract**


**Abstract**


**Abstract**


**Abstract**
Dyspnoea


Abstract


Abstract


PDF


Abstract


Abstract


Abstract

Lung Disease

Asthma


Abstract


Abstract


Abstract


Abstract


Abstract


Abstract


**Bronchiectasis and PCD**


**Community Acquired Pneumonia**


**COPD**


Abstract


Abstract


Abstract


Abstract


Abstract


Abstract


Abstract


Abstract


Abstract


Abstract


Abstract


Abstract


Abstract


Abstract


PHAN, T., CARTER, O, ADAMS C. et al. 2016. Discriminant validity of the Hospital Anxiety and Depression Scale, Beck Depression Inventory (II) and Beck Anxiety Inventory to confirmed clinical diagnosis of depression and anxiety in patients with chronic obstructive pulmonary disease. *Chronic Respiratory Disease, 13(3), 220-228.*

PLAZA, V., LOPEZ-VINA, A., ENTRENAS, L. M. et al., 2016. Differences in Adherence and Non-Adherence Behaviour Patterns to Inhaler Devices between COPD and Asthma Patients. COPD, 13, 547-54. Abstract


[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

TORRES-SANCHEZ, I., VALENZA, M., CABRERA-MARTOS, I. et al., 2017. Effects of an Exercise Intervention in Frail Older Patients with Chronic Obstructive Pulmonary Disease Hospitalized due to an Exacerbation: A Randomized Controlled Trial. *COPD*, 14, 37-42.  
[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[PDF]

Abstract


Abstract


Abstract


Abstract


Abstract

Cystic Fibrosis (Paediatrics & Adults)


Abstract


Abstract


Abstract


Abstract


Abstract


Abstract


Abstract


Abstract
Cochrane Database of Systematic Reviews, 12. 
Abstract

Abstract

Abstract

Abstract

GRUET, M., PEYRÉ-TARTARUGA, L., MELY, L. & VALLIER, J. 2016. The 1-Minute Sit-to-Stand Test in Adults with Cystic Fibrosis: Correlations with Cardiopulmonary Exercise Test, 6-Minute Walk Test, and Quadriceps Strength. Respiratory Care, 61(12), 1620-1628. 
Abstract

Abstract

Abstract

Abstract

Abstract

Abstract

Abstract

Abstract

Abstract

Abstract

Abstract


SAWICKI, G., RIEKER, K. 2017. Counterpoint: Too little care or too little collaboration: Approaches to treatment refusal in CF Journal of Cystic Fibrosis, 16(2), 304-305.


General Lung Disease


**Interstitial Lung Disease**


**Lung Cancer**

[Abstract]

[Abstract]

[Abstract]

[Abstract]

PULMONARY REHABILITATION, EXERCISE & ACTIVITY

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]
*COPD, 14, 170-175.*

*Pediatric Pulmonology, 52(3), 331-336.*

*Respiration, 93, 301-310.*

*COPD, 13, 583-8.*

*COPD, 14, 293-297.*

BOREL, B., WILKINSON-MAITALD, C., HAMILTON, A. et al. 2016. Three-minute constant rate step test for detecting exertional dyspnea relief after bronchodilation in COPD. 
*Int J Chron Obstruct Pulmon Dis, 11, 2991-3000.*

*Int J Chron Obstruct Pulmon Dis, 11, 1447-51.*


*Int J Chron Obstruct Pulmon Dis, 11, 2671-2679.*

*Cochrane Database of Systematic Reviews, 6.*

*Int J Chron Obstruct Pulmon Dis, 11, 2965-2975.*

*Journal of Physiotherapy, 63(3), 182.*

*Respiratory Physiology & Neurobiology, 228, 61-68.*

*Int J Chron Obstruct Pulmon Dis, 11, 1189-97.*

Abstract


Abstract


Abstract


Abstract


Abstract


Abstract


Abstract


Abstract


Abstract


Abstract


Abstract


Abstract


Abstract


Abstract
[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

GRUET, M., PEYRÉ-TARTARUGA, L., MELY, L. & VALLIER, J. 2016. The 1-Minute Sit-to-Stand Test in Adults with Cystic Fibrosis: Correlations with Cardiopulmonary Exercise Test, 6-Minute Walk Test, and Quadriceps Strength *Respiratory Care, 61*(12), 1620-1628.  
[Abstract]

[Abstract]

[PDF]

[Abstract]

[Abstract]

[Abstract]

[Abstract]


KANENKO, H., SHIRANITA, S., HORIE, J. & HAYASHI, S. 2016. Reduced Chest and Abdominal Wall Mobility and Their Relationship to Lung Function, Respiratory Muscle Strength, and Exercise Tolerance in Subjects with COPD Respiratory Care, 61(11), 1472-1480. Abstract


**Abstract**


**Abstract**


**Abstract**


**Abstract**


**Abstract**


**Abstract**


**Abstract**


**Abstract**


**Abstract**


**Abstract**


**Abstract**


**Abstract**


**Abstract**


**Abstract**
[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]
Effect of pulmonary rehabilitation on tidal expiratory flow limitation at rest and during exercise in COPD patients. 
Respiratory Physiology & Neurobiology, 238, 47-54.  
Abstract

Effect of an Outpatient Pulmonary Rehabilitation Program on Exercise Tolerance and Asthma Control in Obese Asthma Patients. 
Abstract

Effects of an Exercise Intervention in Frail Older Patients with Chronic Obstructive Pulmonary Disease Hospitalized due to an Exacerbation: A Randomized Controlled Trial. 
COPD, 14, 37-42.  
Abstract

Mechanisms of Improved Exercise Performance under Hyperoxia. 
Respiration, 93, 90-98.  
Abstract

Is the 1-minute sit-to-stand test a good tool for the evaluation of the impact of pulmonary rehabilitation? Determination of the minimal important difference in COPD. 
Int J Chron Obstruct Pulmon Dis, 11, 2609-2616.  
Abstract

Physiological Profile and Limitations in Exercise in Idiopathic Pulmonary Fibrosis. 
Journal of Cardiopulmonary Rehabilitation and Prevention, 36(4), 270-278.  
Abstract

Physiological Responses of the Modified Shuttle Test in Adults with Cystic Fibrosis. 
Abstract

Relation of concavity in the expiratory flow-volume loop to dynamic hyperinflation during exercise in COPD. 
Respiratory Physiology & Neurobiology, 234, 79-84.  
Abstract

Measured Physical Activity and 30-Day Rehospitalization in Heart Failure Patients. 
Journal of Cardiopulmonary Rehabilitation and Prevention, 37(2), 124-129.  
Abstract

Electrical stimulation ventilatory feedback facilitates maintenance of a prolonged expiration pattern during exercise: A proof-of-concept study in healthy adults. 
Physiotherapy Theory and Practice, 32 (6), 483-488.  
Abstract

Neurology

The association between delays in screening for and assessing dysphagia after acute stroke, and the risk of stroke-associated pneumonia. 
Abstract

Impaired Cardiorespiratory Fitness after Aneurysmal Subarachnoid Haemorrhage. 
Journal of rehabilitation medicine, 48, 769-775.  
Abstract

Pulmonary Rehabilitation in Individuals with Non–Cystic Fibrosis Bronchiectasis: A Systematic Review. 
Archives of Physical Medicine and Rehabilitation, 98(4), 774 - 782.  
Abstract


Neuromuscular Disorders


BÉDARD, M. & MCKIM, D. Daytime Mouthpiece for Continuous Noninvasive Ventilation in Individuals with Amyotrophic Lateral Sclerosis. *Respiratory Care, 61(10) 1341-1348.*


Sancho, J., Bures, E., De la Asunción, S., & Servera, E. 2016. Effect of High-Frequency Oscillations on Cough Peak Flows Generated by Mechanical In-Exsufflation in Medically Stable Subjects with Amyotrophic Lateral Sclerosis Respiratory Care, 61(8), 1051-1058. Abstract


Spinal cord injury


NIV and CPAP


Anjjaergaard, K., Rasmussen, D., Schwaner, S. et al., 2017. COPD: Mortality and Readmissions in Relation to Number of Admissions with Noninvasive Ventilation. COPD, 14, 30-36. Abstract

Bédard, M. & McKim, D. Daytime Mouthpiece for Continuous Noninvasive Ventilation in Individuals With Amyotrophic Lateral Sclerosis. Respiratory Care, 61(10) 1341-1348. Abstract


- Abstract


- Abstract


- Abstract


- Abstract


- Abstract


- Abstract


- Abstract


- Abstract


- Abstract


- Abstract


- Abstract


- Abstract


- Abstract


- Abstract


- Abstract
Carbon dioxide washout during high flow nasal cannula versus nasal CPAP support: An in vitro study.
*Pediatric Pulmonology, 52*(6) 792-798.
[Abstract]

*Respiratory Research, 18*, 144.
[Abstract]

Physiological Significance of Well-tolerated Inspiratory Pressure to Chronic Obstructive Pulmonary Disease Patient with Hypercapnia during Noninvasive Pressure Support Ventilation.
*COPD, 13*, 734-740.
[Abstract]

**Obstructive Sleep Apnoea & Obesity**

Survival of Hypercapnic Patients with COPD and Obesity Hypoventilation Syndrome Treated with High Intensity Non Invasive Ventilation in the Daily Routine Care.
[Abstract]

Undiagnosed Obstructive Sleep Apnea and Postoperative Outcomes: A Prospective Observational Study.
*Respiration, 94*, 18-25.
[Abstract]

Monitoring Noninvasive Ventilation in Patients with Obesity Hypoventilation Syndrome: Comparison between Ventilator Built-in Software and Respiratory Polygraphy.
*Respiration, 93*, 162-169.
[Abstract]

The Role of Exercise in a Weight-Loss Program on Clinical Control in Obese Adults with Asthma. A Randomized Controlled Trial.
*American Journal of Respiratory and Critical Care Medicine, 195*(1), 32-42.
[Abstract]

A randomised controlled trial of CPAP versus non-invasive ventilation for initial treatment of obesity hypoventilation syndrome.
*Thorax, 72*(5), 437-444.
[Abstract]

Effect of Wearable Technology Combined With a Lifestyle Intervention on Long-term Weight Loss The IDEA Randomized Clinical Trial.
*JAMA, 316*(11), 1161–1171.
[Abstract]

Non-invasive ventilation in obesity hypoventilation syndrome without severe obstructive sleep apnoea.
*Thorax, 71*(10), 899-906.
[Abstract]

Utility of Screening for Obstructive Sleep Apnea in Cardiac Rehabilitation.
*Journal of Cardiopulmonary Rehabilitation and Prevention, 36*(6), 413-420.
[Abstract]

Utility of Screening for Obstructive Sleep Apnea in Cardiac Rehabilitation.
*Journal of Cardiopulmonary Rehabilitation and Prevention, 36*(6), 413-420.
[Abstract]

MCEVOY, R., ANTIC, N., HEELEY, E. et al. for the SAVE Investigators and Coordinators. 2016.
CPAP for Prevention of Cardiovascular Events in Obstructive Sleep Apnea.
[Abstract]


Paediatrics


COELHO, A., DE SOUZA-MACHADO, C., SOUZA-MACHADO, A. 2017. School intervention in asthma for adolescents: it is time to act. 
*Paediatr Respir Rev, (23) 50-52.*

Abstract

*Pediatric Pulmonology, 51(9), 901-907.*

Abstract

DA SILVA, P., REIS, M., FONESCA. T. et al. 2016. Do in-hours or off-hours matter for extubating children in the pediatric intensive care unit? 
*Journal of Critical Care, 36, 97-101.*

Abstract

*Journal of Advanced Nursing, 73 (2), 286-301.*

Abstract

DIXON, R., NOCERA, M., ZOLOTOR, A. et al. 2016. Intracranial Pressure Monitoring in Infants and Young Children with Traumatic Brain Injury 
*Pediatric Critical Care Medicine, 17(11), 1064–1072*

Abstract

ELBAHLAWAN, L., RAINS, J. & STOKES, D. 2017. Respiratory Care Considerations in the Childhood Cancer Patient 
*Respiratory Care, 62(6), 765-775.*

Abstract

*Critical Care Medicine, 45(1), 94-102.*

Abstract

FEDOR, K. 2017. Noninvasive Respiratory Support in Infants and Children 
*Respiratory Care, 62(6), 699-717.*

Abstract

*Pediatric Critical Care Medicine, 18(2)176–182.*

Abstract

HENNINGFELD J., MALETTA, K., REN, B. et al. 2016. Liberation from home mechanical ventilation and decannulation in children 
*Pediatric Pulmonology, 51(8), 838-849.*

Abstract

INATA, Y. & M. TAKEUCHI. 2017. Complex effects of high-flow nasal cannula therapy on hemodynamics in the pediatric patient after cardiac surgery. 
*Journal of Intensive Care, 5(1), 30.*

Abstract

*Pediatric Pulmonology, 51(8), 778-786.*

Abstract

*Pediatric Critical Care Medicine, 17(7), 677–683.*

Abstract

KEPREOTES, E., WHITEHEAD, B., ATTIA, J. et al. 2017. High-flow warm humidified oxygen versus standard low-flow nasal cannula oxygen for moderate bronchiolitis (HFWHO RCT): an open, phase 4, randomised controlled trial, 
*The Lancet, 389(10072), 930-939.*

Abstract

*Journal of Intensive Care, 4(1), 65.*

Abstract
[Abstract](#)

[Abstract](#)

[Abstract](#)

[Abstract](#)

[Abstract](#)

LIPTZIN D., CONNELL E., MARABLE, J. et al. 2016. Weaning nocturnal ventilation and decannulation in a pediatric ventilator care program *Pediatric Pulmonology, 51*(8), 825-829  
[Abstract](#)

[Abstract](#)

[Abstract](#)

[Abstract](#)

MARCUS, K., HENDERSON, C. & BOSS, R. 2016. Chronic Critical Illness in Infants and Children: A Speculative Synthesis on Adapting ICU Care to Meet the Needs of Long-Stay Patients *Pediatric Critical Care Medicine, 17*(8), 743–752.  
[Abstract](#)

[Abstract](#)

[Abstract](#)

[Abstract](#)

[Abstract](#)

[Abstract](#)

[Abstract](#)
[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]
Abstract

Abstract

WIECZOREK, B., ASCENZI, J., KIM, Y. et al. 2016. PICU Up!: Impact of a Quality Improvement Intervention to Promote Early Mobilization in Critically Ill Children. Pediatric Critical Care Medicine, 17(12), e559–e566.
Abstract

Abstract

Abstract

Abstract

Abstract

Neonatal care

Abstract

Abstract

Abstract

Abstract

Abstract

Abstract

Abstract

Abstract

Abstract
Palliative/End of life care


Abstract


Abstract


Abstract


Abstract


Abstract

Physiology and Lung Function


Abstract


Abstract


Abstract


Abstract


Abstract

KANEO, H., SHIRANITA, S., HORIE, J. & HAYASHI, S. 2016. Reduced Chest and Abdominal Wall Mobility and Their Relationship to Lung Function, Respiratory Muscle Strength, and Exercise Tolerance in Subjects with COPD Respiratory Care, 61(11), 1472-1480.

Abstract


Abstract


Abstract


Abstract


Abstract


**Respiratory Physiotherapy**


**Smoking, Smoking Cessation, Smoke inhalation**


[Abstract]

[Abstract]

[Abstract]

[Abstract]

**Surgery**

**Pre-operative Care**

[Abstract]

[Abstract]

**Cardiothoracic Surgery & Transplant**

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]
[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

POLASTRI, M. 2016. Postoperative physiotherapy for cardiac patients: two different organizational models *Physical Therapy Reviews, 21*(3-6), 241-244.  
[Abstract]

[Abstract]

[Abstract]

[Abstract]

[Abstract]

**Upper GI Surgery**

[Abstract]
General & Vascular Surgery


Miscellaneous Surgical Care


Use of technology

Ultrasound

Standardization of Sonographic Diaphragm Thickness Evaluations in Healthy Volunteers.
*Respiratory Care, 61(7) 920-924.*

Abstract

Sonographic evaluation of diaphragmatic function during breathing control
*Physiotherapy Theory and Practice, 33(7), 560-567.*

Abstract

LEE, F. 2016.
Lung ultrasound: a primary survey of the acutely dyspneic patient.
*Journal of Intensive Care, 4(1), 57.*

Abstract

Pitfalls in the ultrasonographic diagnosis of pneumothorax.
*Journal of the Intensive Care Society, 18(2), 143-145.*

Abstract

Assessment of diaphragmatic dysfunction in the critically ill patient with ultrasound: a systematic review.
*Intensive Care Medicine, 43(1), 29-38.*

Abstract

Education

Efficacy measures for clinical trials: A review series.
*Journal of Cystic Fibrosis, 15(4), 415.*

Abstract

To Be or Not to Be a Cardiorespiratory Physiotherapist: Factors That Influence Career Choice in a Sample of Canadian Physiotherapists.
*Physiotherapy Canada, 69(3), 226-232.*

Abstract

LÖNNQVIST, P. 2017.
Medical research and the ethics of medical treatments: disability-free survival.
*British Journal of Anaesthesia, 118(3), 286-288.*

Abstract

Møller, A. & Myles, P. 2016.
What makes a good systematic review and meta-analysis?
*British Journal of Anaesthesia, 117(4), 428-430.*

Abstract

Miscellaneous

Relationship between costovertebral joint kinematics and lung volume in supine humans.
*Respiratory Physiology & Neurobiology, 232, 57-65.*

Abstract

The association between delays in screening for and assessing dysphagia after acute stroke, and the risk of stroke-associated pneumonia.

Abstract

Clinimetric properties of the pressure biofeedback unit method for estimating respiratory pressures.
*Physiotherapy Theory and Practice, 33(4), 345-351.*

Abstract

Inspiratory muscle training improves respiratory muscle strength, functional capacity and quality of life in patients with chronic kidney disease: a systematic review.
*Journal of Physiotherapy, 62(2), 76-83.*

Abstract

Laryngeal Dysfunction: Assessment and Management for the Clinician.
*American Journal of Respiratory and Critical Care Medicine, 194(9), 1062-1072.*

Abstract
Effect of Advanced HIV Infection on the Respiratory Microbiome.
American Journal of Respiratory and Critical Care Medicine, 194(2), 226-235.

Update in Tuberculosis/Pulmonary Infections 2015.
American Journal of Respiratory and Critical Care Medicine, 194(2), 142-146.

The effect of consistent practice of yogic breathing exercises on the human cardiorespiratory system.
Respiratory Physiology & Neurobiology, 233, 41-51.

Monitoring teamwork: a narrative review.
Anaesthesia, 72, 84-94.

National Profile of Physical Therapists in Critical Care Units of Sri Lanka: Lower Middle-Income Country.
Physical Therapy, 96(7), 933-939.
The countdown to his next COPD exacerbation has already begun.

1 in 5 patients hospitalized for a COPD exacerbation require re-hospitalization within 30 days.1,2

In a real world study, the Aerobika® device was clinically proven to reduce exacerbations when added to usual COPD treatment.3

Why wait? It’s time for the Aerobika® device — Essential post-exacerbation therapy for your COPD patients.


UK AB 035 0917. Date of preparation: September 2017 *trademarks and registered trademarks of Trudell Medical International. © TMI 2017. All rights reserved.

www.aerobika.co.uk