EDITOR’S COMMENTARY
Commentary on October 2019 Issue

EDITOR’S CHOICE
A Randomized Controlled Trial Comparing Two Lung Expansion Therapies After Upper Abdominal Surgery

ORIGINAL RESEARCH
Empirical Probability of Positive Response to PEEP Changes and Mechanical Ventilation Factors Associated With Improved Oxygenation During Pediatric Ventilation
by Craig D Smallwood, John H Arnold, Andrew Gouldstone—Boston, Massachusetts and Brian K Walsh—Lynchburg, Virginia

Effects of Thyroid Hormone Treatment on Diaphragmatic Efficiency in Mechanically Ventilated Subjects With Nonthyroidal Illness Syndrome
by Giuseppe Bello, Giorgia Spinazzola, Valentina Giammatteo, Luca Montini, Germán De Pascale, Alessandra Bissani, Maria G Annetta, Eliana Troiani, Antonio Bianchi, Alfredo Pontecorvi, Mariano A Pennisi, Giorgio Conti, and Massimo Antonelli—Rome, Italy

Comparison of End-Tidal, Arterial, Venous, and Transcutaneous PCO2 by Shota Fujimoto, Manabu Suzuki, Keita Sakamoto, Ritsu Ibusuki, Kentaro Tamura, Ayako Shirouzu, Satoru Ishii, Motoyasu Ikara, Shin'yu Izumi, and Haruhito Sugiyama—Tokyo, Japan

Short-Term Effects of an Active Heat-and-Moisture Exchanger During Invasive Ventilation
by Anna F Schreiber, Piero Ceriana, Niccolino Ambrosino, Manuela Piran, Alberto Malovini, and Annalisa Carlucci—Pavia, Italy

Bioavailability of Beclometasone From Two HFA-BDP Formulations With a Spacer
by Amira SA Said, Salahdein AbuRuz—Al Ain, United Arab Emirates and Henry Chrystyn—Leeds, United Kingdom

Evaluation of a New Interface Combining High-Flow Nasal Cannula and CPAP by Eugenio Garofalo, Andrea Bruni, Corrado Pelaia, Eugenio Biamonte, Karim Abdalla, Federico Longhini, Paolo Navalesi—Catanzaro, Italy Gennaria Cammarotta—Novara, Italy, and Paolo Marabito—Catania, Italy

PEEP Generated by High-Flow Nasal Cannula in a Pediatric Model by Beverly D Ejiofor, Ryan W Carroll, William Bortcosh, and Robert M Kacmarek—Boston, Massachusetts

Impact of a Single Session of Inhalation Technique Training on Inhalation Skills and the Course of Asthma and COPD by Marta Dabrowska, Katarzyna Luczak-Woźniak, Marta Miszczuk, Izabela Donagala, Wojciech Labanski, Andrzej Leszczynski, Marta Maskev-Resolutionowa, Renata Rubiniszajn, Joanna Hermanowicz-Salamon, and Rafał Krenke—Warsaw, Poland

Minimum Clinically Important Difference in 30-s Sit-to-Stand Test After Pulmonary Rehabilitation in Subjects With COPD by Andrea Zanini, Nicola Schiavone—Novaggio, Switzerland Ernesto Crisafulli, Alfredo Chetta—Parma, Italy Michele D’Andria, Cristina Gregorini—Castelrotto, Switzerland Francesca Cherubino, Elisabetta Zampogna—Tradate, Italy Andrea Azzola—Lugano, Switzerland and Antonio Spanevello—Varese-Como, Italy
Comparison in the Management of Respiratory Failure due to Bronchiolitis in a Pediatric ICU Between 2010 and 2016
by Flavia Toni, Giorgio Conti—Rome, Italy
Francisco José Cambra Lasoasa, Laura Escuredo, Sergio Benito, Gemma Gelabert, and Martí Pons-Odena—Esplugues de Llobregat, Spain

$S_{\text{pO}_2}/F_{\text{I}_2}$, on Presentation as a Predictor for Early Hemodynamic Deterioration in Intermediate Risk Acute Pulmonary Embolism
by Lisa Domaradzki, Mehrdad Ghahramani, Ryan Rogers, Mohammed Ruzieh, Ryan Wilson, and Andry Van de Louw—Hershey, Pennsylvania

Serial Weekly Measurements of the Timed Inspiratory Effort Index Can Predict Successful Prolonged Weaning
by Bruno Leonardo da Silva Guimarães, Leonardo Cordeiro de Souza, Jocemir Ronaldo Lugon—Niteroi, Brazil and Fernando Silva Guimarães—Rio de Janeiro, Brazil

INVITED REVIEW
Oxygen Use in Critical Illness
by B Ronan O’Driscoll and Rachel Smith—Salford, United Kingdom

NARRATIVE REVIEW
Mechanical Ventilation Alarms and Alarm Fatigue
by J Brady Scott—Chicago, Illinois
Laura De Vaux—New Haven, Connecticut
Connie Dills—Hartford, Connecticut
and Shawna L Strickland—Irving, Texas

EDITORIALS
Lung Expansion Therapy: Please, (Visually) Show Me the Value!
by Thomas Piraino—Ontario, Canada

Predicting Response to PEEP in Mechanically Ventilated Pediatric Patients: What Are the Odds?
by Tobias L Straube, Kyle J Rehder, and David A Turner—Durham, North Carolina

Can Thyroid Hormone Strengthen the Diaphragm in Nonthyroidal Illness?
by Charles A Rappaport and Gregory A Schmidt—Iowa City, Iowa