EDITOR’S COMMENTARY

Commentary on September 2021 Issue

EDITOR’S CHOICE

Effects of Mechanical Insufflation-Exsufflation on Sputum Volume in Mechanically Ventilated Critically Ill Subjects
by Roberto Martínez-Alejó—Montpellier, France
Joan-Daniel Martí, Antoni Torres, Gianluigi Li Bassi, Albert Gabarrus—Barcelona, Spain
Daniel Gonzalez-Anton, Xabier Pilar-Díaz, Thomas Reginault, Philippe Wibart, Alice Quinart
George Ntoumenopoulos—Sydney, Australia
and Oystein Tronstad—Brisbane, Australia

ORIGINAL RESEARCH

ARDS Outcomes in Non-Research Subjects Assessed by Generalized Prospective Trial Eligibility Criteria and Adherence to Lung-Protective Ventilation
by Richard H Kallet, Michael S Lipnick, and Romain Pirracchio—San Francisco, CA

Longitudinal Changes in Patient-Ventilator Asynchronies and Respiratory System Mechanics Before and After Tracheostomy
by Enrico Lena, Umberto Lucangelo—Trieste, Italy
José Aquino-Esperanza, Josefina López-Aguilera, Rudys Magrans, Candelaria de Haro, Leonardo Sarlabous, Nesu López, Lluís Blanch—Sabadell, Spain
Jaume Montanyá—Barcelona, Spain
Montserrat Rueda—Lleida, Spain
Robert M Kacmarek—Boston, Massachusetts
Rafael Fernández—Manresa, Spain
and Paolo Pelosi—Genoa, Italy

Heated Humidifiers for Noninvasive Respiratory Support and the Risk of Burns in Neonates: A Bench Evaluation
by Sebastien Fau, Olivier Baud, and Peter Rimensberger—Geneva, Switzerland

COVID-19 ARDS Is Characterized by Increased Dead Space Ventilation Compared With Non-COVID ARDS
by Michele Bertelli, Federica Fusina, Chiara Prezioso, Erika Cavallo, Niccolò Nencini, Serena Crisci, Francesca Tansini, Letizia Mazzuca Mari, Laureta Hoxha, Fabiana Lombardi, and Giuseppe Natalini—Brescia, Italy

Worldwide Clinical Practice of High-Flow Nasal Cannula and Concomitant Aerosol Therapy in the Adult ICU Setting
by Jie Li, Lingzhe Gao—Chicago, Illinois
Meilien Tu—Taoyuan City, Taiwan
Lei Yang—Henan, China
Guoqiang Jing—Shandong, China
James B Fink—San Mateo, California
Chris Burtin—Hasselt, Belgium
Armelie Dornelas de Andrade—Recife, Brazil
Lixin Xie—Beijing, China
and Stephan Ehrmann—Tours, France

Impact of Body Mass Index and Initial Respiratory Support on Pediatric Subjects in Acute Respiratory Failure
by Derika Schlauter, Curtis Kovaleski, Vonn Walter, Neal J Thomas, and Conrad Krowiec—Hershey, Pennsylvania

Body Mass Index and Ventilator Dependence in Critically Ill Subjects in Japan: A Cohort Study Using a Nationwide Database
by Jun Fujinaga, Hiromasa Irie, Matsuo Onodera—Kawashiki City, Japan
and Etsuji Suzuki—Kita-ku, Japan
Salbutamol Delivered by Jet Nebulizer: Closed System Design and Impact of a Model Biofilm
by Serpil Ocal, Serkan Ozen, Emirhan Nemutlu, Didem Kart, Cemil Can Eylem, and Arzu Topeli—Ankara, Turkey

The Role of Suboptimal Concentrations of Nebulized Tobramycin in Driving Antimicrobial Resistance in Pseudomonas aeruginosa Isolates in Cystic Fibrosis
by John E Moore, B Cherie Millar—Belfast, Northern Ireland, United Kingdom
Marika Ollman-Selinger—Starnberg, Germany
and Lisa Cambridge—Midlothian, Virginia

Effect of Pulmonary Rehabilitation on Erector Spinae Muscles in Individuals With COPD
by Yuji Higashimoto, Masashi Shiraiishi, Ryoji Sugita, Hiroki Mizusawa, Osamu Nishiyama, Yamazaki Ryo, Takashi Iwanaga, Yasutaka Chiba, Yuji Tohda, and Kazuhiro Fukuda—Osaka, Japan

Measuring Adherence to Long-Term Noninvasive Ventilation
by Caroline Chao, David J Berlowitz, Mark E Howard, Linda Rautela, Luke A McDonald, and Liam M Hanan—Victoria, Australia

Resting Breathing Instability During Wakefulness as a Predictor of Clinical Outcome in COPD
by Yukio Fujita, Motoo Yamauchi, Masanori Yoshikawa, Yoshifumi Yamamoto, Kazuhiro Sakaguchi, Nobuhiro Fujioka, Takahiro Ibaraki, and Shigeo Muro—Kashihara, Japan

Quality Management in Respiratory Care
by Manjush Karthika, Beekanahaali Mokshanatha Praveen—Mangalore, India
Vanajakshy Kumaran Sureshkumar—Mumbai, India
Adam Bennett, Abdulkadir Haji Noorose, and Jihad Mallat—Abu Dhabi, United Arab Emirates

Secretion Removal in Deeply Sedated Mechanically Ventilated Subjects – Time for Implementation!
by Marcia S Volpe—São Paulo, Brazil
and Fernando S Guimarães—Rio de Janeiro, Brazil

The First Day in ARDS Care: Your First Steps Should Be Your Best
by Eduardo Mireles-Cabodevila, Abhijit Duggal, and Sudhir Krishnan—Cleveland, Ohio

Perceived Benefits of Tracheostomy: Respiratory Mechanics and Asynchrony
by Eric J Kriner—Washington, DC

Dealing With Deaths in Clinical Trials and Meta-Analyses
by Euan J McCaughey, Peter Humburg—Randwick, New South Wales, Australia
and Angus J McLachlan—CrestwoodKentucky

The authors respond
by Ruvistay E Gutiérrez-Arias—Santiago, Chile