EDITOR'S COMMENTARY

Commentary on May 2019 Issue

EDITOR'S CHOICE

Characteristics of Nonpulmonary Organ Dysfunction at Onset of ARDS Based on the Berlin Definition
by Richard H Kallet, Michael S Lipnick, Hanjing Zhao, Lance P Pangilinan, and Antonio Gomez—San Francisco, California

ORIGINAL RESEARCH

Variations in the Efficiency of Albuterol Delivery and Intrapulmonary Effects With Differential Parameter Settings on Intrapulmonary Percussive Ventilation
by Takashi Karashima, Yuka Mimura-Kimura, Kanade Miyakawa, Akihiro Nakamura, Fuminori Shimahara, Haruhito Kamei, and Yassek Minura—Ube, Japan

Impact of Spontaneous Breathing Trial on Work of Breathing Indices Derived From Esophageal Pressure, Electrical Activity of the Diaphragm, and Oxygen Consumption in Children
by Guillaume Mortamet, Nicolas Nardi, Ve´ronique Groleau, Sandrine Essouri, Brigitte Faureux, Philippe Jouvet, and Guillaume Emeriaud—Que´bec, Canada

Lung Ultrasound Combined With Procalcitonin for a Diagnosis of Ventilator-Associated Pneumonia
by Juandi Zhou, Jia Song, Shijin Gong, Weihang Hu, Minjia Wang, Cong Zhang—Hangzhou, China and Zhouzhou Dong—Ningbo, China

Home Mechanical Ventilation Use in South Korea Based on National Health Insurance Service Data
by Hwan Il Kim, Ki-Suck Jung, Sunghoon Park—Anyang, South Korea, Jae Hwa Cho, Young Seok Lee, Youjin Chang, Yun Su Sim—Seoul, South Korea, So Young Park, Jae Young Moon—Daejeon, South Korea, Won-Il Choi—Daegu, South Korea, and Kwangha Lee—Busan, South Korea

Study of Active Duty Military Personnel for Environmental Deployment Exposures: Pre- and Post-Deployment Spirometry (STAMPEDE II)

Bacterial Contamination of Circuit Inner Surfaces After High-Flow Oxygen Therapy
by Matsuo Onodera, Emiko Nakataki, Nobuto Nakamichi, Taiga Itagaki, Masami Sato, Jun Oto, and Masaji Nishimura—Tokushima, Japan

Using a Mindfulness-Based Intervention to Support the Resiliency of In-Patient Pediatric Respiratory Therapists
by Julie Lacarraga, Christopher Wichman, Rachel Shirk, Cheryl Jarosz, and Meaghan S Weaver—Omaha, Nebraska

A Comparison of Methods to Count Breathing Frequency
by Atsushi Takayama, Yutaka Nakashima, Takahiro Yoshidomi, Takahiko Nagamine—Yamaguchi, Japan, Kazuhiko Kotani—Tochigi, Japan, and Taro Takeshima—Fukushima, Japan
Evaluation of Diaphragmatic Ultrasound Indices as Predictors of Successful Liberation From Mechanical Ventilation in Subjects With Abdominal Sepsis by Haytham H Eltrabili, Ahmed M Hasanin, Mahmoud S Soliman, Ahmed M Lotfy, Walid I Hamimy, and Ahmed M Mukhtar—Cairo, Egypt

Reduced FEV₁/FVC and FEV₁ in the Normal Range as a Physiological Variant by Luciana dos Santos Andreata, Maria Raquel Soares, and Carlos AC Pereira—São Paulo, Brazil

Influence of Mouth Pressure on Measurement of Diffusing Capacity in the Clinical Pulmonary Function Laboratory by David A Kaminsky—Burlington, Vermont and Steven C Jarzembowski—Boston, Massachusetts

Neurally-Adjusted Ventilatory Assist for Noninvasive Ventilation via a Helmet in Subjects With COPD Exacerbation: A Physiologic Study by Federico Longhini, Andrea Bruni, Eugenio Garofalo, Paolo Navalese—Catanzaro, Italy Ling Liu, Chun Pan, Jianfeng Xie, Yi Yang, Haibo Qiu—Nanjing, China and Gianmaria Cammarota—Novara, Italy

Visual Obstruction of Flow Indicator Increases Inspiratory Volumes in Incentive Spirometry by Adam EM Eltorai, Thomas J Martin, Shyam A Patel, Megan Tran, Alan H Daniels, Grayson L Baird—Providence, Rhode Island and Ashley S Eltorai—New Haven, Connecticut

INVITED REVIEW Mechanical Ventilation in the Prehospital and Emergency Department Environment by Robert J Stephens, Jeffrey E Siegler, and Brian M Fuller—St. Louis, Missouri

2018 YEAR IN REVIEW Adult Invasive Mechanical Ventilation by Karsten J Roberts—Philadelphia, Pennsylvania

EDITORIALS Nonpulmonary Organ Failure in ARDS: What Can We Modify? by Matthew Siuba and Abhijit Duggal—Cleveland, Ohio

Be Aware of Intrapulmonary Percussive Ventilation by Ariel Berlinski—Little Rock, Arkansas

Spontaneous Breathing Trials in Children: Putting the ‘T’ in SBT by Craig D Smallwood—Boston, Massachusetts