

APRIL 2016

VOLUME 61

NUMBER 4

ISSN 0020-1324-RECACP

e-ISSN 1943-3654

RESPIRATORY CARE®

A MONTHLY SCIENCE JOURNAL
—ESTABLISHED 1956
www.rcjournal.com



The 62nd International Respiratory
Convention & Exhibition

OCTOBER 15-18 • SAN ANTONIO, TX

**2016 OPEN FORUM
CALL FOR ABSTRACTS
DEADLINE MAY 1, 2016**
www.rcjournal.com

EDITOR'S CHOICE

The Effects of Nasal Cycling on $F_{I_{O_2}}$ By Nasal Cannula

ORIGINAL RESEARCH

Impact of Long-Stay ICU Survivors on Caregiver Burden

Pulse Oximetry to Predict Respiratory Support Transition in Preterm Infants

Sp_{O_2} Overestimates O_2 Saturation in COPD

P_{tCO_2} Monitoring for Acute Respiratory Failure and Severe Hypercapnia

Smoking-Cessation Therapy in Inmates and Prison Staff

Plethysmographic Pulse Amplitude During COPD Exacerbation

Respiratory Microbiology of Children With Long-Term Tracheostomies

INVITED REVIEW

HFNC: Physiological Benefits, Indication, Clinical Benefits, and Adverse Effects

REVIEWS

Ultrasonographic Assessment of Diaphragm Function in Critically Ill Patients

Asthma 2015: The Year in Review

Year in Review 2015: Neonatal Respiratory Care

See Complete Table of Contents Inside