



MACHS
Main Auditorium

THURSDAY AM & PM, 15 JANUARY 2026

TOPICS INCLUDE:

- Oxygen Therapy; The Fundamentals
- Humidity Therapy
- Aerosol Therapy
- Airway Clearance & Lung Expansion Therapy
- Airway Management
- Fundamentals of Respiratory Care Pharmacology
- Sleep Disorders
- Acid Base Balance, Blood Gas Analysis & Oxygenation
- Pulmonary Function Testing- Techniques and Interpretation
- Noninvasive Respiratory Support
- Ventilator Modes
- Advanced Patient Monitoring & Waveform Analysis
- Lung Protective Ventilation Approaches in Various Diseases
- Liberation From Mechanical Ventilation



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FRIDAY AM, 16 JANUARY 2026

TOPICS INCLUDE:

- Pathophysiology, Assessment and Monitoring
- Neonatal Pathophysiology, Assessment and Monitoring
- Respiratory Intensive Care of Neonates
- Neonatal & Pediatric Resuscitation
- Neonatal & Pediatric Ventilation



MACHS
Classrooms

FRIDAY PM, 16 JANUARY 2026

WORKSHOPS

WORKSHOP - 1
 Neonatal & Pediatric Resuscitation

WORKSHOP - 2
 Neonatal & Pediatric Ventilation



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INTERACTIVE SESSIONS

- International Collaboration in Respiratory Care Education
- Meet The Experts In Respiratory Care Services Management

HOT TOPICS IN PULMONARY FUNCTION TESTING & INTERPRETATIONS

- Mastering the Latest ATS Guidelines: Essential for Accurate Reporting and Interpretation.
- New Insights; The Evolving Role of Forced Oscillation Techniques in Pulmonary Function Testing.

MEET THE INDUSTRIES SESSIONS
ABSTRACTS PRESENTATION

TARGET AUDIENCE:

- Intensivists
- Pulmonologists
- Respiratory Therapists
- Respiratory Interns
- Internists and Fellows in Training



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SATURDAY AM, 17 JANUARY 2026

TOPICS INCLUDE:

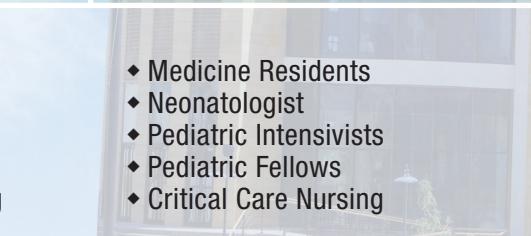
- Shaping the Future in Healthcare: The AI Revolution in Respiratory Care
- What is Evidence-Based Respiratory Care?
- Healing the Healers; Burnout in Respiratory Care; Recognize, Respond, Recover
- The Future of Respiratory Care Profession and the Role of the AARC
- Individualized PEEP vs. PEEP Tables - What Does the Evidence Tell Us?
- HFNC Oxygen Therapy: Physiological Mechanisms, Initiation, and Management
- Using Pulse Oximetry Wisely
- Asynchrony: Consequences and Management



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SATURDAY PM, 17 JANUARY 2026

- Modern Approaches to Infant Ventilation with Hypoxic Respiratory Failure; Innovations and Insights
- What We've Learned About Bronchiolitis and High Flow Nasal Cannula
- Advances in Asthma and COPD Treatment: What's New and What's Next? How to Achieve a Successful Career?
- Simulation-Based Learning Reimagined: What's New, What Works, What's Next
- Optimizing Clinical Training: Strengthening Preceptor-Student Partnership
- Why Teams Fail: The Leadership Imperative in Transforming The Culture of Your Team
- What I've Learned After 50 Years in Respiratory Care



MACHS
Classrooms

FRIDAY PM, 16 JANUARY 2026

WORKSHOPS

WORKSHOP - 1
 Aerosol Therapy

WORKSHOP - 4
 Noninvasive Respiratory Support

WORKSHOP - 2
 Airway Clearance & Lung Expansion Therapy

WORKSHOP - 5
 Ventilator Modes

WORKSHOP - 3
 Airway Management

WORKSHOP - 6
 Pulmonary Function Testing

