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# RESPIRATORY CARE®

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## **SPECIAL ISSUE**

**APPLIED RESPIRATORY  
PHYSIOLOGY: USE OF  
VENTILATOR WAVEFORMS  
AND MECHANICS IN THE  
MANAGEMENT OF CRITICALLY  
ILL PATIENTS  
PART I**

## **CONFERENCE PROCEEDINGS**

- Monitoring Respiratory Mechanics During Mechanical Ventilation: Where Do the Signals Come From?
- Respiratory Mechanics Derived From Signals in the Ventilator Circuit
- Esophageal and Gastric Pressure Measurements
- Pressure-Volume Curves of the Respiratory System
- Capnographic Waveforms in the Mechanically Ventilated Patient
- Measurement of Air Trapping, Auto-PEEP, and Dynamic Hyperinflation in Mechanically Ventilated Patients

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