



THE UNIVERSITY OF NEW MEXICO HEALTH SCIENCES CENTER

UNM
CHILDREN'S HOSPITAL

Neonatology Hot Topics

How to Avoid Hurting the Kids We Are Trying to Save aka "Lung Protective Ventilation"

Presenter: J. Bert Bunnell, Chairman & CEO, Bunnell Inc.
Adjunct Assoc. Professor, University of Utah, Bioengineering Dept.

Objectives:

1. Understand that we must protect the lungs of mechanically ventilated patients from iatrogenic injury.
2. Understand how to preserve lung volume in critically ill infants and children.
3. Discuss the role of inflammation in neonatal lung injury.
4. Explain how positive pressure ventilation and high inhaled oxygen concentrations aggravate lung injuries.
5. Understand how high frequency ventilation works.
6. Discuss how high-frequency ventilation can prevent and treat lung injury when applied appropriately.
7. Explain the differences between the various modes of high-frequency ventilation.
8. Discuss how high-frequency jet ventilation may help injured lungs heal by decreasing ventilation of areas affected by inflammation.
9. Improve clinical optimization of HFV.



When: Tuesday, November 17, 2009

Where: BBRP 1st Floor Conference Room

Time: 1:00 PM

Cookies and coffee will be served