

# "To Thirty and Beyond" a Ventilator Associated Pneumonia Prevention CD-Rom

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## Technology description

### Invention Summary

This is a 20 minute educational CD-Rom designed to teach physicians, respiratory therapists, and nurses, how to overcome barriers to maintaining the head of the bed at an angle of thirty degrees or higher in mechanically-ventilated patients, in order to prevent ventilator-acquired pneumonia. Based on interview data from practicing intensivists, it addresses the barriers that prevent physicians, respiratory therapists, and nurses in intensive care from raising the head of the bed to thirty degrees or higher in ventilated patients.

### Application area

This CD-Rom will be useful to hospitals with intensive care units, as head-of-bed elevation is now part of a recommended 'Respiratory Bundle' of interventions to prevent pneumonia in ventilated patients. If accreditation of intensive care units depends on documenting elevation and education about elevation, then this CD-Rom accomplishes that education task.

### Advantages

The attractive graphics and fast pacing of this CD-Rom gets immediately to problem-solving the most difficult cases with reasonable, safe and sensible solutions, and using recent research studies. Assessment questions are interspersed throughout the content units, with assessment results downloadable into an attached database for later retrieval, making educational compliance record-keeping automatic. Lasting 20 minutes, it can be completed with minimal disruption of patient care.

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