



Hillrom™

Case Study:
**REDUCTION IN LENGTH OF STAY
 (HOSPITAL & ICU) - NYLAND**

A PREVENTIVE RESPIRATORY PROTOCOL

to identify trauma subjects at risk for respiratory compromise on a general in-patient ward

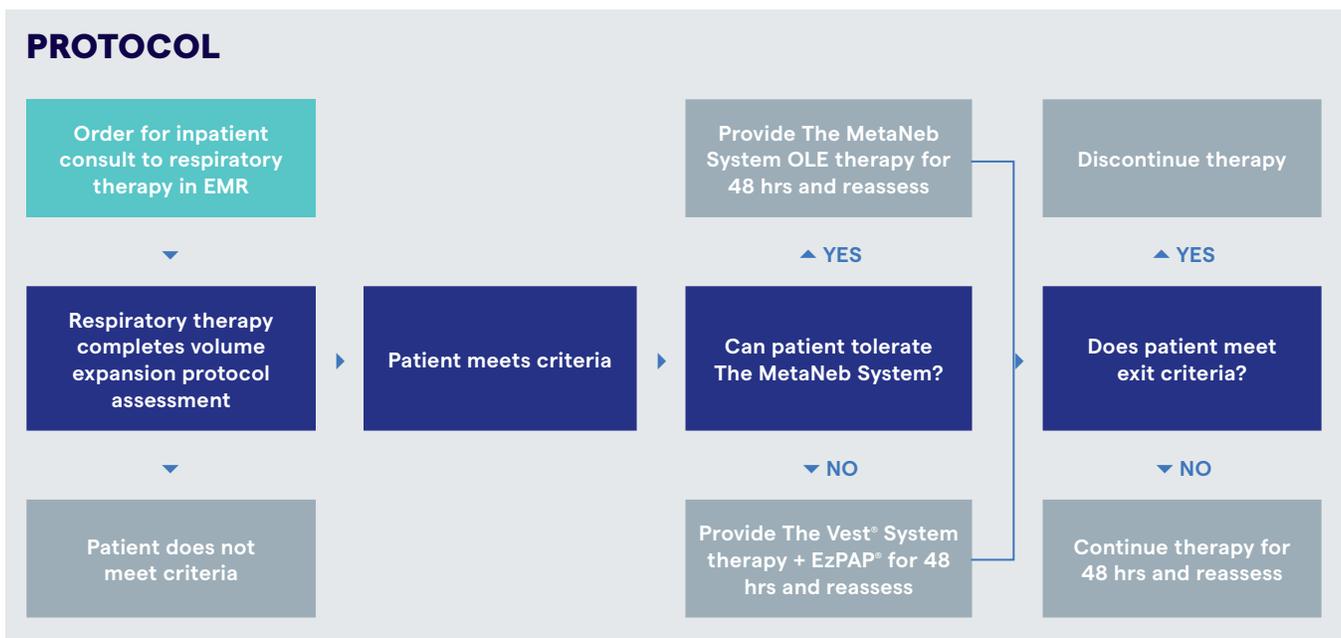
OVERVIEW

This study assessed the effectiveness of a proactive respiratory protocol for adult trauma subjects on an inpatient ward.

- Trauma patients received a respiratory therapy evaluation at the time of admission to a general in-patient ward at a Level I trauma center.
- Those meeting protocol inclusion criteria received prophylactic respiratory treatments, primarily The MetaNeb® System oscillation and lung expansion (OLE) therapy, The Vest® System therapy or EzPAP®.

50 eligible trauma patients

PROTOCOL





OUTCOMES

Protocol adherence was enhanced when respiratory therapists could direct the intervention. Compared with a pre-protocol phase, the protocol was associated with:



1.5 days reduced length of hospitalization



Reductions in the use of bronchodilators



12% to 0% fewer returns to the ICU for respiratory reasons



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For more information, please contact your Hillrom sales representative at 1-800-426-4224.

respiratorycare.hill-rom.com

References

¹ Nyland B, Spilman S, Halub M, et al. A preventative respiratory protocol to identify trauma subjects at risk for respiratory compromise on a general in-patient ward. *Respiratory Care*. 2016. doi:10.4187/respcare.04729.

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