To the Editor—Kudos to Waisel et al. for his recent contribution to our journal, “Sedation Induced Delirium in Anesthetized Patients.” Their report on the use of Narrative Ethics to improve the practice of anesthesiology is a welcome addition to the literature. As they note, narrative ethics is a valuable tool for understanding and improving clinical practice. However, I am concerned that their findings may be limited by the use of qualitative methods, which may not adequately capture all social confounds.

Qualitative methods, such as those used in narrative ethics, can provide rich and detailed insights into clinical practice. However, they are limited in their ability to test hypotheses and make generalizations. Because of this, I believe that narrative ethics should be used in conjunction with quantitative methods to provide a more comprehensive understanding of clinical practice.

Yours sincerely,
[Signature]

Reference
To the Editor—We wish to address the now almost universally accepted notion, well summarized in a recent manuscript “Ventilator-associated Pneumonia or Endotracheal Tube-associated Pneumonia: An Approach to the Pathogenesis and Preventive Strategies Emphasizing the Importance of the Endotracheal Tube” by Pneumatikos et al.1

The authors emphasize that “The accumulation of contaminated secretions from oropharynx or gastrointestinal tract in the subglottic space is a crucial event in the pathogenesis of VAP [ventilator-associated pneumonia].” Hence, the authors’ center of attention is directed to the pooled secretions around the cuff; they believe that “an important preventive strategy should focus on blocking up the leakage of subglottic secretions around the cuff (between ET [endotracheal tube] and tracheal mucosa), drainage of secretions from subglottic space, and decontamination of the subglottic secretions;” while patient position has no impact on the incidence of ventilator-associated pneumonia, as it is not even mentioned, or alluded to.

Indeed, we have shown it is the patient position that is the sine qua non factor that determines the probability (yes, even certainty) of whether bacteria colonized oropharyngeal (or subglottic) contents and tracheal/lung secretions, will gravitate towards the oropharynx, and back into the lungs, with important consequences for the patient (analogous to the lung bacterial colonization).

In a recent prospective controlled trial, 80 intubated infants were randomized to supine position (n = 30) or to lateral position (n = 30) to keep the orientation of the neck/trachea at or below horizontal. After 5 days of mechanical ventilation, tracheal cultures were positive in 26 infants (87%) in the supine position group and in 9 infants (30%) in the lateral group (P < 0.05). In the adult patient population, similar results have been observed (unpublished observations, Lorenzo Berra, M.D., Department of Anesthesia and Critical Care, Massachusetts General Hospital, Boston, Massachusetts, June 2009), showing feasibility of such patient management and excellent clinical outcome.

In summary, while medical devices (Mucus Shaver, Mucus Slurper, antiseptic impregnated endotracheal tubes, HiLo Evac endotracheal}

 References


(Accepted for publication June 23, 2009.)

Correspondence

In Reply—We will like to thank Wochlick et al. for their interesting and relevant comments on our assessment of the association between body mass index and a difficult tracheal intubation (DTI). We consider the ponderal index (PI) as an operational measurement for obesity, which may be usable in a clinical context as a possible bedside test for predicting a DTI. We performed a preliminary multivariate regression analysis to determine if it is possible to include both body mass index and PI in the same model. This analysis left PI as the only independent significant risk factor for DTI, suggesting that PI may be a better predictor of DTI than body mass index. Nevertheless, the association between PI and DTI was only marginal stronger than between body mass index and DTI. We report this preliminary result with certain reservations, as it may depend heavily on the stratification of the PI, which is by no means straightforward, as the cutoff value is not naturally given. Furthermore, our preliminary analysis suggests only marginal benefits as to the prognostic accuracy, with PI dichotomized at 25. To determine if a more clinically relevant and statistically significant relationship between the PI and DTI exists, more comprehensive and profound analyses with relevant model control are necessary. Therefore, based on our cohort, we may be able to present a more thorough assessment of this topic in the future.

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(Accepted for publication June 23, 2009.)