One of the major motivations behind the introduction of ICUs was to have nurses in immediate attendance so that patients could be constantly observed. Through vigilance, a nurse is able to detect early changes in a patient's condition, and, by alerting other team members, the nurse can subvert a disaster in the making.

In Australia and New Zealand, ICU nurses are actively involved in making decisions about ventilator management and frequently adjust ventilator settings without input from physicians. The ICU nurse performs many roles, the most important being the continuous observation of a patient. The diversion of a nurse's attention from constant vigilance by performing tasks of no benefit, such as the use of weaning protocols, would be a most unfortunate turn of events.

The major strength of the study is the large number of ICUs \((n = 586)\) surveyed by Rose and colleagues [1]. The inclusion of data from several countries provides new insight into the involvement of ICU nurses in ventilator management.

The degree of collaboration between physicians and nurses was not specified. Respondents were simply asked to select a category (nurse, physicians, or nurses and physicians) that best reflected their involvement in ventilator decisions. The word 'collaboration', however, has no universal meaning and can mean different things to different people. For one person, collaboration might mean nothing more than a nurse informing a physician that a patient's condition has improved. For another, collaboration may mean that the nurse makes an explicit recommendation to decrease pressure support by 7 cmH\(_2\)O.

The respondents in the survey were nurse managers. This group is not representative of the average ICU nurse, and may overestimate the independence of nurses in decision-making. To avoid the problem of self-report bias, which is inherent in surveys, ethnographers directly observe human events in the context in which they occur [2]. An ethnographer would be able to capture what it is that a nurse actually does – rather than what nurses think they do.

Rose and colleagues focused on weaning, and noted that decision-making by nurses in this area has been linked to the introduction of weaning protocols [1]. The survey reveals that nurse involvement in decision-making was twice as likely (odds ratio 1.8) in ICUs that use weaning protocols. Randomized controlled trials, in my opinion, have shown weaning protocols to be without benefit [3-5].

Survey respondents reported that they frequently titrate pressure support and ventilator tidal volume and frequency without consulting a physician. This is not the practice of nurses or respiratory therapists in any ICU in which I have worked – nor of any ICU that I have visited. Of note, 85% of the surveyed ICUs contained surgical
patients. Ventilating postoperative patients is relatively easy – in these patients, titration of ventilator settings can be rather formulaic. However, in ICU patients with coexisting illnesses, such as those with acute respiratory distress syndrome or chronic obstructive pulmonary disease, the response to mechanical ventilation is frequently unpredictable [6]. Managing such patients requires a clinician who has a sophisticated understanding of physiology and can recognize unexpected responses that follow ventilator adjustments. For example, improper adjustment of pressure support in a patient with chronic obstructive pulmonary disease can lead to Cheyne–Stokes breathing; can induce recruitment of abdominal muscles causing the patient to buck the ventilator; or can escalate the amount of ineffective triggering [7,8].

The part played by nurses in the care of patients is complementary to – and not subsidiary to – the role of physicians. The nurse is constantly present at the patient’s bedside, and an experienced nurse can sense problems in the making (the sixth sense of an expert) and institute steps to avert a catastrophe. Nurses help patients cope with the most embarrassing and demeaning consequences of a critical illness. Such intimate interaction means that the patient–nurse bond is more personal than the bond between patients and doctors. It would be most unfortunate if nurses were to become distracted from these vital and unique skills by diverting their attention to tasks of no benefit, such as the use of ventilator protocols.

We owe a debt of gratitude to Dr Rose and her colleagues for informing the critical care community of how nurses are currently spending their time when caring for critically ill patients. The impact of the expanding role of nurses in ventilator management on patients’ well-being remains unknown.