



# A measured approach to balanced nutrition

Proper nutrition plays a vital role in the recovery of your ventilated patients. That's why finding the right nutritional balance for each of your patients' unique needs is critical in speeding up the healing process.

While predictive equations are often the only tool available to assess nutritional status, studies have shown equations to be accurate about 30 percent of the time.<sup>1, 2, 3</sup>

## Did you know?

Approximately

**40-50%**



of patients, particularly those in the Intensive Care Unit (ICU), have a moderate to severe degree of malnutrition.<sup>5, 6</sup>

### Indirect Calorimetry may be beneficial<sup>4</sup>

In patients with known nutritional deficits or derangements

When patients fail attempts at liberation from mechanical ventilation

When the need exists to assess the VO<sub>2</sub> to evaluate the hemodynamic support of mechanically ventilated patients

To determine the causes of increased ventilatory requirements

The CARESCAPE<sup>®</sup> R860 offers advanced tools for Indirect Calorimetry parameters that are measured, not estimated:

VO<sub>2</sub> . VCO<sub>2</sub> . EE (Energy Expenditure) . RQ (Respiratory Quotient)



Because the module is integrated with the ventilator, you continuously capture gas exchange and energy expenditure measurements. You can use this data to customize nutritional support. By personalizing each patient's support, you help them regain their nutritional balance.

## References

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4. By American Association for Respiratory Care Indirect Calorimetry Guidelines. RESPIRATORY CARE . 2004. VOL. 49, NO. 9.
5. 10. Delgado, Artur et al. "Hospital malnutrition and inflammatory response in critically ill children and adolescents admitted to a tertiary intensive care unit." CLINICS 2008;63:357-62.
6. E. D. Moloney and M. J. D. Griffiths, British Journal of Anaesthesia 92 (2): 261±70 (2004).

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