Introducing a collaboration between GE Healthcare and Nestlé Health Science to help simplify and improve nutrition monitoring.

DO YOU KNOW THAT PATIENTS IN THE ICU RECEIVE ONLY 59% OF THE PRESCRIBED NUTRITION PLAN?¹
NUTRITION INTERVENTION IS CRITICAL IN IMPROVING PATIENT OUTCOMES

2,772 mechanically ventilated patients:
- in 167 ICUs
- in 37 countries

Received on average only:
- 59.2% of energy prescribed
- 56.2% of protein prescribed

Caloric deficit was associated with an increase in:
- Ventilator days
- Complications
- Length of stay

MONITORING NUTRITION CAN IMPROVE PATIENT OUTCOMES

Greater nutritional intake received during the first week in the ICU were associated with longer survival time and faster physical recovery up to 3 months in critically ill patients requiring prolonged mechanical ventilation.

OUR FIVE-STEP APPROACH HELPS TO ENSURE PROPER NUTRITION AND MAY SUPPORT POSITIVE OUTCOMES IN THE ICU

ASSESS
- Estimate the patient’s energy expenditure through indirect calorimetry, correlated to the exact needs of 80% of patients
- Measure and calculate the nutrition needs with the GE CARESCAPE™ Respiratory module, integrated in the GE CARESCAPE ventilator and patient monitors

PRESCRIBE
- Define a tailored nutritional plan based on patient needs and visualise delivered nutritional and non-nutritional energy
- Deliver nutrition with Nestlé Health Science enteral nutrition formulas combined with visualisation on the GE Centricity™ Critical Care patient data management system

DELIVER
- The PDMS connection of Nestlé Health Science Compat Ella® allows real-time tracking of the prescribed nutritional formula dose to be given to the patient by the GE Healthcare Centricity Critical Care PDMS
- Precise delivery of the prescribed enteral nutrition via Nestlé Health Science’s Compat Ella® pump with +/- 5% accuracy

AN INTEGRATED AND SIMPLE NUTRITION MONITORING APPROACH

ADMINISTER
- Capture real time energy consumed with GE Healthcare CARESCAPE Respiratory module
- Identify quickly nutrition gap delivered versus prescribed with GE Healthcare Centricity Critical Care and improve traceability through vital patient information capture throughout entire care stay

MONITOR
- Visualise the impact of the prescribed nutrition therapy

OPTIMISE
- Adjust adequate nutrition and non-nutritional delivery, using iterative reassessment and nutrition plan adjustment, based on information received from the combined nutrition monitoring solution
- Enable retrospective view, standardised protocols and trends analysis and reports allowing practice improvements, through GE Healthcare Centricity Critical Care Analytics capabilities

ENSURE CONTINUOUS IMPROVEMENT OF PATIENT NUTRITION PLAN


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