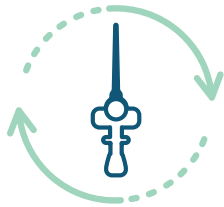
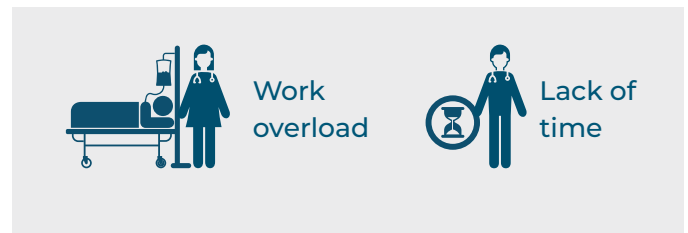




Supporting ICU nurses. Enhancing Critical Care.

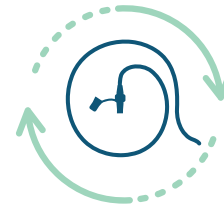
Nurse staffing levels, among many other factors in the hospital setting, contribute to adverse patient outcomes. [1]

ICU nurses have a great deal of responsibility for monitoring patient vital signs as well as performing a variety of procedures.



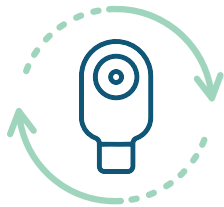
Check Feeding Tube Positioning

Every 4 hours (or at least once a shift or according to hospital policies)
Every time medication is administered.



Flush the Feeding Tube

Every time medication is administered or if concerned the feeding tube might be clogged (or at least once a shift or according to hospital policies).



Check Nutritional Absorption

by performing suction or connecting another gastric residual bag, according to hospital policies.



Calculate Feeding Efficiency Manually

at least once a shift or according to hospital policies.



Measure Urine Output

every hour or according to hospital policies.

References

1. Matthew McGahan, Geraldine Kucharski, Fiona Coyer. **Nurse staffing levels and the incidence of mortality and morbidity in the adult intensive care unit: A literature review.** Australian Critical Care 2012, Volume 25, Issue 2: 64-77.

Save Valuable Time & Effort smART+™ Platform: Automated Monitoring & Alerts



smART+™ Console

A nutrition management system and optimal feeding plan to achieve 100% feeding efficiency

smART+™ Metabolism

Continuous Resting Energy Expenditure (REE) measurement

smART+™ Sensor - based feeding tube

Detection of gastric reflux and reduction of aspiration

smART+™ Hub

Dynamic, real-time micro-residual evacuation

smART+™ urineFlow

Real-time urine flow monitoring and trend prediction

smART+™ helps reduce VAP/VAE using automatic reflux detection, which reduces aspiration and related serious complications.

Detects and automatically removes excess gastric residue from the stomach and redirects it to a drainage bag, thus reducing potential for aspiration.

Feeding tube position is monitored in real time.

Automated flushing of the feeding tube to prevent clogging.

Collects data from various smART+™ sensors to **calculate calories and protein loss in real-time** and supplements the needed nutrition accordingly.

Monitors urine flow and creates real-time results, predicts potential low urine output, an indication of potential AKI.

By monitoring this important newly available data in real-time, automatically carrying out key functions, as well as ensuring patients receive adequate nutrition, complications and deterioration in a patient's condition can be reduced. smART+™ lightens nurses' workloads and frees up their time, enabling them to focus on more critical tasks.

