Improved Glucose Control
A Cardiac Surgery ICU's Pre- and Post-Education Intervention Approach to Improving Compliance

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Background
- Transplant and cardio-surgery patients are at high risk for hyperglycemia.
- Transplant patients are immunocompromised.
- Cardio-surgery patients are at high risk for post-surgical complications.
- The risk for post-surgical infections is increased in patients who have high blood glucose levels.

Methods

User Result
January 2010 - April 2010

- The ICU quality coaches completed 21 chart reviews totaling 84 hours of one-on-one coaching train RNs.
- RNs were in compliance with the ICU Insulin Infusion Protocol.

Analysis
April 2010 - April 2011

- Trends analyzed during benchmarking report were cause.
- RNs were in compliance with the ICU Insulin Infusion Protocol.
- RNs were in compliance with the ICU Insulin Infusion Protocol.

Objectives

• Registered Nurses (RN) staff will verbalize the rationale for post-surgical care improvement 10 times.
• Comply with the ICU Insulin Infusion Protocol.

Results

- The post-education review of charts revealed that the unit’s RNs were in compliance with the ICU Insulin Infusion Protocol.
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Conclusions

- The ICU Insulin infusion compliance protocol was changed in May 2010.
- RNs were in compliance with the ICU Insulin Infusion Protocol.
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References