Coordination of BG Testing, Insulin Administration and Delivery of Meal Trays

Maria Gough  
*West Kendall Baptist Hospital, mgough@baptisthealth.net*

Margaret Geneve  
*West Kendall Baptist Hospital, MargaretG@baptisthealth.net*

Follow this and additional works at: [https://scholarlycommons.baptisthealth.net/se-all-publications](https://scholarlycommons.baptisthealth.net/se-all-publications)

Citation

Gough, Maria and Geneve, Margaret, "Coordination of BG Testing, Insulin Administration and Delivery of Meal Trays" (2018). *All Publications*. 2743.  
[https://scholarlycommons.baptisthealth.net/se-all-publications/2743](https://scholarlycommons.baptisthealth.net/se-all-publications/2743)
January 2016, Certified Diabetes Educator identified need to improve coordination of blood glucose test, insulin administration and delivery of meals in patients with hyperglycemia.

Planned interventions:
- Form interdisciplinary team
- Select nursing unit to pilot new process
- Establish specific times to deliver meal trays to unit, to test BG and to administer insulin
- Provide intense training to clinical RNs, CPs and dietary personnel
- Monitor flow, collect data and share findings

Implementation of new process began in mid-June 2016:
- 3 South selected to pilot the new process
- Pharmacy provided list of patients taking insulin to Nutrition Services
- BG tests were performed at pre-established times
- Diabetes meal trays arrived to nursing unit at agreed times
- Insulin was administered and meal tray was immediately served

Improvement achieved:
- Work flow was observed, data collected and shared
- Process was promptly modified as needed
- New process hardwired
- Process extended to other nursing units, one at a time every three months

Goal Statement: To improve BG control by coordinating POC BG testing with administration of insulin and delivery of meal trays