Sweetening Inpatient Insulin Orders

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Problem

Insulin is rarely prescribed as an absolute dose for a pediatric patient; factors and ratios that require a calculation are necessary. Existing EHR tools for insulin orders, dose calculation and MAR documentation were inadequate for safe insulin medication processes. The previous process used terminology and regimens that were not pediatric specific or updated with the current standard of care.

Solution

- Through collaboration with Nursing, Pharmacy, & Provider Informatics, solutions were designed to safeguard the insulin medication process.
- Insulin Order
  - Required fields instead of using order comments
  - Order mimics home dosing regimen
- Insulin Dose Calculation
  - Displays order details
  - Calculates insulin dose
  - Facilitates independent double check of a high risk medication
- MAR Documentation
  - Displays calculated dose