



Summer Institute in Nursing Informatics 2019
Poster Presentation

Sweetening Medication Processes to Flush Out High Risk Medication Errors

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Insulin for a pediatric patient is rarely prescribed in absolute dose, rather factors and ratios that require calculation of the dose prior to each administration. Heparin flush ordering is guided by patient weight, line type and frequency of use. These factors were not included in the original ordering processes, causing confusion and leaving room for errors. Previous complex processes removed the nurse from the bedside and required multiple conversations within the care team creating unnecessary burdens for all staff and delaying patient care. Through collaboration with nursing, pharmacy, and provider informatics, a solution for ordering and documenting both Insulin and Heparin was designed. These design processes include decision support for both insulin and heparin orders, safeguards for order calculation and streamlined documentation.