

Child Health Intravenous Delivery Project

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Program/Dept: Child Health

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The Child Health Intravenous Delivery Project is initiated to develop and implement policies and practices for the safe delivery of infused medications and fluids within the Child Health Program. The project has the following objectives:

- Develop methodology that defines and matches medications and fluids appropriate for syringe and volumetric infusion pumps.
- Develop and implement standardized medication libraries and monographs for drugs delivered via syringe and volumetric infusion pumps.
- Develop and deliver staff education on resulting practice changes.
- Develop and implement a sustainable process for changing medication libraries and monographs for drugs delivered via syringe and volumetric infusion pumps.
- Apply FMEA principles to evaluate the effectiveness of the methodology selected to define and match medications and fluids appropriate for syringe and volumetric infusion pumps.

Via either a programmable syringe or volumetric infusion pump Failure Mode Effects Analysis: A systematic methodology for improving process reliability by identifying and prioritizing potential failure modes and initiating corrective action to reduce the frequency and severity of failures while improving their detectability.