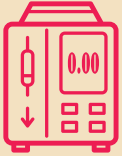


# Optimizing the Smart Pump Drug Library Update Process: An Ongoing Effort at an Academic Medical Center



In 2018, we identified that there was **no formal process in place to update the Alaris pump guardrails drug library.**

We used a multimodal approach to **improve our drug library activation rates.** A few of the key process elements were:

- Communication
- Establishing a strong interdisciplinary team
- A pump update day
- Changing the drug library naming convention
- Education

**One early and impactful strategy:** Materials management (MM) storing all infusion pumps powered on and ready to receive drug library updates.

**10%**

**Increase in drug library activation within the first two days of intervention**

Prior to this project, it took about 7 days to activate a drug library on 50% of our pump fleet.

In April 2023, our drug library activation rate was **72.8% within 5 days of release.**

