SIGMA IV Infusion Pump Update May 2012

HARDWARE UPDATE:
The hardware upgrades eliminate a very small risk of free flow of an IV with the Sigma pump. The malfunction was related to fluid getting inside the pump, usually during pump cleaning. *(NEVER spray fluid, e.g., disinfectants, directly onto the pump. To clean pumps, spray disinfectant on cleaning cloth and wipe down pump surface, or use disinfectant wipes).*

SOFTWARE UPDATE:
- **BASIC Mode:**
  - This mode is intended for infusions of drugs that are not in the pump’s drug library.
  - Using BASIC Mode eliminates most of the drug administration safety features of the smart pump. UCDHS policy does not support routine use of this mode.
  - Periodically, the Pharmacy updates the drug library and may add drugs previously not present. Suggestions for changes to the drug library can be emailed to Linda Phan, Pharm.D., Pharmacy Supervisor.

- **Programming a secondary (piggyback) infusion:** The opportunity to select from the secondary list a drug that was earlier programmed into the pump is available. This saves the time of having to redo the programming for a drug that is repeatedly given. Be careful to verifying the drug and administration details. A previously administered drug falls off the list after 24 hours.
Secondary Callback: When programming a secondary infusion, there may be an opportunity to turn on a callback alarm for that infusion. To avoid nuisance alarms, the callback alarm is turned off for most drugs. If the feature has been turned on in the drug library (MDL), the nurse is given an opportunity to turn on this alarm. Also, during the infusion, the Callback may be turned on or off via the Option menu choice.

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