

Informatics

Preceptor: Jennifer Copple, Pharm.D.

Description:

Informatics is a four week elective learning experience at Dearborn County Hospital. This learning experience will focus on software and hardware utilized by pharmacy services, as well as the reports generated from the systems. The resident will work with external departments, as well as the pharmacy staff to aid in optimization of the technology used.

Topics to be covered:

Meditech

Pyxis

Standing Stone

Sentri 7

Sigma Smart Infusion Pumps

Expectation of Residents:

The residents will gain baseline operational knowledge of all topics listed above, as well as others that arise throughout the course of the learning experience. This experience will largely be dependent on any obstacles that pharmacy services are asked to overcome. The resident will have the opportunity to tailor the experience to his/her interests at the discretion of the preceptor.

Expected progression of the resident for this learning experience:

Day 1: Preceptor to review the learning experience description and evaluation strategy with the resident. Baseline self-assessment of the resident will be completed.

Week 1: The first week will focus on Meditech. The resident is expected to have baseline operational knowledge of the system prior to the start of the learning experience. The first week will focus on the construction of the pharmacy dictionary, CPOE, bar coding, and other areas of Meditech that are pharmacy driven.

Week 2: The resident will continue to work with Meditech, and will introduce Sentri 7, as well as Pyxis in week 2. The resident will begin learning how a Pyxis is built, the interface, as well as some of the reports that are generated by Pyxis. The resident will also learn how to write logic rules for Sentri 7, as well as interpret the monthly data report.

Week 3: The resident will expand his/her knowledge of Meditech, Pyxis and Sentri 7, as well as introduce the Sigma Smart Infusion Pumps and Standing Stone. The resident will take part in an evaluation of the pump dictionary, as well as the utilization review. Standing Stone reports will be discussed and evaluated for optimization.

Week 4: The resident will have the opportunity to spend week 4 learning more in an area of interest. If at this time the pharmacy is tasked with a specific area, the resident will spend time in that capacity.

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