

ROTATION DESCRIPTION

ROTATION TITLE

Drug Information (Pharmacotherapy)

PURPOSE

The purpose of the drug information rotation is to allow the PGY1 resident to develop skills in the following areas: problem solving, verbal communication, medical writing, and critical literature evaluation. Due to the dynamic nature of drug information, this rotation will provide the foundation required for life-long learning.

LEARNING EXPERIENCE DESCRIPTION

The MUSC Drug Information Center provides timely, unbiased answers to the professional staff's medication-related questions. Each month, the Drug Information Center answers approximately 100 questions received from nurses, physicians, pharmacists, and consumers. The scope of drug information requests received is broad and covers most patient populations, disease states, and includes many operational and policy development issues. The Center also provides an electronic, consumer-based Ask-A-Pharmacist service. The mission of the Center is to promote safe, efficacious, cost effective, and rational medication use by providing high-quality drug information services.

The typical day involves the resident responding to requests from health care professionals and/or consumers. In addition, the resident will participate in mini-learning sessions, journal club, and pharmacotherapy consults. The mini-learning sessions will include but are not limited to the following:

- Systematic Approach to Drug Information
- Review of MICROMEDEX and IPA
- Literature searching (eg, PubMed, Ovid Medline, PsycINFO, CINHAL, TOXNET, IBIDS, PDQ)
- Adverse Drug Events
- Medication Errors
- Critical Literature Evaluation
- Biostatistics
- Formulary Management
- Interacting with Industry

LEARNING EXPERIENCE ACTIVITIES

- Respond to drug information requests (R3.1.1; R3.1.2; R3.1.8; R3.1.9; R3.1.10; R3.1.11; PGY1 R1.5.1; PGY1 R1.5.3; PGY1 R1.5.4; PGY1 R1.5.5; PGY1 R1.5.6; PGY1 R1.5.7;)
- Document drug information responses appropriately (E7.2.4)

- Prepare and present a formal journal club presentation
(R3.1.2; R3.1.3; R3.1.4; R3.1.5; R3.1.6; R3.1.7; R3.1.8; PGY1 E7.2.4, E7.4.1)
- Prepare and present a pharmacotherapy consult
(R4.2.1; PGY1 E7.2.4, E7.4.1)
- Write and revise a newsletter article for the *Pharmacy and Therapeutics Update: Drug Information for Health Care Professionals*
(E7.2.4, E7.4.1)
- Write and revise a formulary monograph which will be presented to the Pharmacy and Therapeutics Committee (if needed)
(R3.2.1, R3.2.2; E7.2.4; PGY1 R1.2.1; PGY1 R1.2.2)
- Participate in adverse event detection and surveillance by conducting chart reviews and preparing summaries of serious/preventable adverse drug reactions
(PGY1 R1.1.1; PGY1 R1.1.2; PGY1 R1.1.3; E7.2.4, E7.4.1)
- Participate in mini-learning sessions
(R1.1.5; R3.2.2; PGY1 R1.1.2; PGY1 R1.2.1)
- Participate in project(s) involving informatics (eg, smart pumps, CPOE, barcode administration scanning)

REQUIREMENTS OF LEARNING EXPERIENCE

Required Hours

9:00 AM to 5:30 PM, Monday thru Friday

As patient care requires, times may vary

Required Meetings

Pharmacy and Therapeutics Committee

Required Presentations

Journal club

Pharmacotherapy consult

Book-of-the-Day

Internet-Site-of-the-Day

Required Readings

Journal articles chosen by other learners

ROTATION PRECEPTOR(S)

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METHOD OF EVALUATION

Evaluation of residents will be based on the learning experience objectives outlined by the Residency Program Director (RPD). The RPD will identify the specific goals and objectives on which the resident will be evaluated (available in E-Value). The preceptor and resident will review the resident's customized plan and the learning experience introduction document on the first day of rotation. Feedback will include, but not be limited to, verbal and written mid-point and end of rotation evaluations.