

Drug Information

Advanced Pharmacy Practice Experiences (APPE)

2016-2017 Academic Year

ROTATION DESCRIPTION

ROTATION TITLE: Drug Information

PRECEPTOR:

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Background

The Drug Information APPE is a 4-week (5days/week) pharmacy practice experience specializing in the management of medical/drug informatics. The purpose of this Drug Information Advanced Pharmacy Practice Experience (APPE) is to demonstrate an ability to retrieve, analyze, and communicate appropriate information on medications and health care issues to pharmacists, physicians, nurses, other healthcare professionals and the public.

Activities:

- **Expected Hours:**
- 8:00 AM – 4:00 PM, as discussions and meeting required.

- **Required presentation**
- Journal club
- Topic presentation as determined by preceptor

- **Required reading**
- As assigned

Objective

The objective is to develop and enforce the Pharm.D. student's expertise in all the services provided by drug information center that includes:

- Support for clinical services: Answering questions and Developing criteria/ guidelines for medication use
- Respond to requests for drug information in a timely manner
- Pharmacy and therapeutic committee activity: Developing a medication use policies and Formulary management
- Publications--Newsletter, Journal columns
- Education-- in-services for health professionals, students
- Coordination of reporting program—adverse drug reaction/Medication Error reporting.
- Poison Information.

Student responsibilities

- Receiving drug information question process and Getting Requestor demographics
- Obtaining background information from requestor
- Categorization of DI questions
- Identifying useful resources for commonly requested drug information
- Systematic approach to drug information: Primary, Secondary & Tertiary Literatures
- Searching computerized data base (Drugdex & poisondex) and On-line searching
- Formulating effective response and provision of response
- Drug Information Request Form/Response
- Recommending drug therapy, Monitoring drug therapy and Patient counseling
- Data evaluation & analysis
- Applying evidence based practice & clinical practice guidelines
- Pharmacoeconomics & applying cost benefit analysis
- Participating in P&T committee
- Identifying & reporting adverse drug reactions and medication errors
- Quality improvement & the drug use evaluations
- Evaluating clinical trials and clinical research articles
- Participating in the quarterly issued Drug Information Newsletter
- Preparing drug information statistics
- Enhancing professional communication with medical, pharmacy & nursing staff
- Preparing drug information handouts /brochures for pharmacy staff, patient education materials on different medications, and drug evaluation monograph for P&T committee
- Present at least one Drug Information Report on medication error or ADR or report on a prepared question with complete answer.

Learning outcomes

- 1- Communicate with the client to determine the nature and immediacy of the request as well as the appropriate depth of response.
- 2- Accurately document drug information requests.
- 3- Develop a logical, step-wise approach to searching the drug information resources.
- 4- Identify the strengths and weaknesses of available resources.
- 5- Select appropriate databases/resources.
- 6- Critically evaluate primary, secondary, and tertiary medical literature.
- 7- Identify potential solutions/answers.
- 8- Apply information in a clinically relevant manner.
- 9- Clearly express and justify the recommendation(s) in both written and oral forms.

Evaluation

- Daily evaluation: by giving the feedback on the assignment and performance every day.
- Midpoint evaluation: it is done by the end of the second week to provide specific recommendation for areas of improvement if necessary.
- Final evaluation: it is done at the end of the rotation.