

DRUG INFORMATION/INFORMATICS GOALS, SYLLABUS AND ACTIVITIES

Required Rotation Experience – XXXXXXX, preceptor

Goal: To integrate drug information services and utilizing electronic means of the pharmaceutical care model of patient care, which seeks to support the safe, effective, and cost-effective use of medications.

Objectives

1. **Develop** critical decision-making skills relative to the selection, retrieval, and evaluation of appropriate literature resources
2. **Respond** to drug information inquiries from physicians, nurses, pharmacists, and other professionals in the institution
3. **Communicate** drug information clearly and accurately, orally and in writing, in a timely fashion
4. **Maintain** appropriate written/electronic documentation of responses to drug information requests
5. **Support** the departmental educational objectives through various instructional and teaching methodologies
6. **Develop** and maintain electronic means of pharmaceutical care including Bridge Medical maintenance and development. This includes barcode technology, robotics, pump maintenance, electronic MARs, utilizing online resources, workload prioritization (reports that are run daily), PALM pilot/PDA and software maintenance, and other forms of delivering, administering, and watching medication therapy.
7. **Identify** needs and develop teaching initiatives regarding drug-related issues for nursing staff inservices
8. **Develop** verbal and/or written educational materials for patient and/or community groups
9. **Provide** quality information and analysis to support the function of the P&T Committee
10. **Participate** in the development, modification, and review of *hospital* policies, procedures, and protocols through PTAC
11. **Participate** in the development, modification, organization, and review of pharmacy departmental policies and procedures
12. **Participate** in the development and maintenance of the hospital formulary
 - a. Prepare drug monographs
 - b. Perform therapeutic drug class reviews
 - c. Provide pharmaco-economic analyses of drugs with significant cost impact on the health system
 - d. Develop and implement therapeutic interchange protocols
13. **Contribute** to the development of pharmacy competency materials to facilitate currency of staff and compliance of the department with JCAHO expectations
14. **Understand** the role of prevention strategies related to medication errors

Medical informatics is Medical information science is the science of using system-analytic tools...to develop procedures (algorithms) for management, process control, decision making and scientific analysis of medical knowledge.

Rotation Activities

1. Attendance and participation in hospital committees related to pharmacy practice.
 - a. P&T Meeting attendance
 - b. Formulary Subcommittee
2. Publication of the *PharmNotes*
3. Participate in Journal Club activities
4. Engage in the regular perusal of assigned journals and electronic media
5. Participate in pharmacist inservices
6. Conduct inservices with ancillary professional hospital staff
7. Develop drug information resources and references to support distributive and clinical pharmacy practice
8. Work with preceptor throughout year on projects relating to medical and pharmaceutical informatics as they arise. Resident will be required to attending meetings associated with such projects.
9. Identify and understand assigned policies and procedures related to the provision of Drug Information Services.
 - a. Hospital Formulary Policy
 - b. Therapeutic/Generic Substitution Protocol
 - c. Medication Safety Policy
 - d. Medication Processes and Standards
10. Read and understand assigned readings
11. Attend medical rounds, morning reports, and educational conferences as assigned
12. Participate in Preceptor rounds/topic discussions as scheduled

Evaluation

1. Drug Information & Informatics Rotation Summary Evaluation completed by preceptor. Due last day of rotation.
2. Drug Information & Information Criteria-Based Checklist completed by preceptor. Due last day of rotation.
3. Drug Information & Informatics Rotation Summary Evaluation completed by the resident as a self-evaluation. Due last day of rotation.
4. Preceptor and Learning Experience evaluation completed by resident. Due last day of rotation.
5. Monthly Activities Report completed by resident. Due last day of rotation.
6. Written Drug Information final assessment.