

Goals:

The goal for this rotation is gain experience and expertise in chronic and acute disease management.

Objectives:

- Review common antibiotics classes including pharmacokinetics of vancomycin and aminoglycosides
- Review and learn to manage common inpatient infectious disease such as pneumonia, tuberculosis, hepatitis, AIDS
- Review and learn to manage drug induced diseases
- Review of common drug allergies including Steven-Johnson's syndrome
- Review of hospital formulary, IRB, PNT, including decision making on formulary selection (literature review, etc)
- Review major drug classes and treatment guidelines including management of major cardiologic disease such as MI, stroke, HF, arrhythmias, anginas
- Review of current recommendations and standards in treatment of hypertension and hyperlipidemia
- Review and learn to manage and monitor patients on warfarin
- Review antithrombotic prophylaxis and treatment of DVT
- Review of thrombolysis
- Review management of pulmonary hypertension
- Review treatment principles of diabetes including insulin, oral agents, etc
- Review treatment of alcohol withdrawal and drug dependence
- Review principles of toxicology such as Acetaminophen poisoning
- Spend one day in dialysis and review common renal disease and treatment
- Spend one day with intuitionist and review TPN, enteral nutrition dosing and calculations
- Review management of acute and chronic pancreatitis
- Review pain management, understand PCA, and classes of pain medications
- Pediatric drug dosing, pediatric infections, drugs in pregnancy and during lactation
- Review common pulmonary disease and treatment
- Review psychiatric diseases and management
- Review surgical prophylaxis and anesthesia
- GERD, ulcer management and prophylaxis, abdominal infections

Expectations:

- It is expected that student will be on time
- Student has to let preceptor know if she/he will be late or will miss a day due to illness (refer to your school policy)
- Student will wear a lab coat and a name tag while in the hospital
- Student will come and leave at expected time (per preceptor)
- Student is expected to complete all projects and readings
- Student is expected to behave in professional manner
- Student is expected to meet with preceptor daily for topic discussions

Student responsibilities during rotation:

- Develop a monitoring form for each patient followed during a rotation
 - Form must include but not limited to: patient DOB, gender, height, weight, SrCr, CrCl, room number, family and social history, past medical history, allergies, current and past medication use, reason for admission, diagnosis, lab report, your recommendations and plan
 - Form must allow student to follow the same patient for multiple days

- Prior to rounds student will review assigned patients' charts
 - Student will gather all relevant data and provide recommendations
 - Student will identify opportunities for intervention
 - Student will conduct DUR for each assigned patient
 - Student will monitor each patient until discharge
 - Student will practice pharmaceutical care through patient interview and counseling
 - Student will document all interventions with his/hers preceptor

- Student will round with internal medicine team (or preceptor) daily
 - During rounds student is responsible to keep up-to-date with all assigned patients
 - Student will provide recommendations to the team (or preceptor) regarding pharmacotherapy