

Grace Hospital Pharmacy Department Pharmacy Student Practice Description

The Hospital

Grace Hospital is a 250-bed acute care hospital providing a broad range of services to many Clinical Programs including Medicine, Surgery, Emergency, and Critical Care.

Information about parking, food, bus routes, and maps can be found on the WRHA Welcome page <https://elearning.easygenerator.com/a17ec104-ce11-4cbc-83ad-7f067c588e64/#/login> You do not need an WRHA email to create an account.

The Pharmacy

The Pharmacy is located on the ground floor (one floor below Main); take the elevator to G. After exiting the elevator, turn right around the corner, then left. The pharmacy is the second door on the left. Push the buzzer to enter & speak with the receptionist.

Pharmacy technicians and assistants support pharmaceutical care delivery through management of the computerized pharmacy information system (BDM) and an automated unit dose system using Pyxis technology. Pharmacy technicians and assistants also support a small centralized IV admixture service, pharmacy purchasing activities, ward stock management, and inventory control systems.

Pharmacists use a decentralized, integrated clinical-distributive practice model to deliver care. Each pharmacist rotates between a primary clinical site (medicine or surgery) and a dispensary position. One pharmacist is assigned to provide clinical services in the Emergency Department on weekdays. A clinical resource pharmacist provides services to the Critical Care team on weekdays.

The Practice Sites

1. Medicine

A wide variety of patients are seen in these patient care areas (e.g., heart disease, renal disease, respiratory disease, diabetes, serious or uncommon infections, deep vein thrombosis, general surgery, etc.), providing excellent opportunities to identify, prevent and resolve drug-related problems.

Students interact with nurses, physicians, medical residents, social workers, physiotherapists and occupational therapists. There are opportunities to do chart

reviews, take medication histories, monitor drug therapy, attend daily interdisciplinary rounds, perform pharmacokinetic drug monitoring calculations, answer drug information questions, and provide patient education.

2. Surgery

Surgical specialties such as elective orthopedics and trauma, general surgery, urology, and gastrointestinal surgery are represented at Grace Hospital.

Pharmacists provide clinical services and drug distribution to patients on surgery wards 8 hours a day, 5 days a week. Rotations provide the opportunity to prevent, identify and resolve drug related problems in a number of clinical areas. The pharmacy student will monitor medication therapy, provide drug information, and be involved in the pharmacokinetic monitoring of various narrow therapeutic index drugs. The student will attend multi-disciplinary medical rounds. The student will also have opportunity to perform best possible medication histories, discharge teaching, and medication reconciliation. Common disease states include: pain management, delirium, infections, and diabetes management.

3. Emergency

The Emergency Department (ED) pharmacist works collaboratively with a multidisciplinary team to improve quality of care and patient safety in the emergency department. The ED is a unique environment - often chaotic and unpredictable - with high volumes and wide diversity of patients ranging anywhere from trauma, toxicology, to chronic illnesses. The ED pharmacist focuses on safe and effective medication management, particularly in chronic illnesses, as well as identifying and resolving drug related problems contributing to patients' admission to the emergency department. The student will have opportunity to perform best possible medication histories, discharge teaching, and medication reconciliation.