

Practical Training (including the nature, duration, and location of the training).

The Pharmacy Council of Pakistan mandates that undergraduate students complete a minimum of 200 contact hours of hospital pharmacy training in a tertiary care general hospital. To fulfill this requirement, the Faculty of Pharmacy and Pharmaceutical Sciences has established MoUs with several well-reputed hospitals in Karachi, including Dow University Hospital, Dar ul Sehat Hospital, National Institute of Blood Diseases, Children's Hospital Gulshan-Iqbal, Patel Hospital, and Alkhidmat Hospitals. Additionally, students gain hands-on experience at other prominent institutions such as Aga Khan University Hospital, Liaquat National Hospital, Ziauddin Hospitals, South City Hospital, Civil Hospital, and the National Institute of Cardiovascular Diseases.

The training program covers a wide range of clinical and hospital services, including inpatient and outpatient pharmacy setups, inventory management, drug storage, inpatient and outpatient medication dispensation, compounding, sterile preparations, IV admixtures (wherever available), and oncology pharmacy services. Furthermore, students are exposed to specialized areas such as pharmacovigilance, medication reconciliation, drug utilization reviews, total parenteral nutrition (TPN) preparation, clinical pharmacokinetics, and antimicrobial stewardship programs. They also participate in clinical pharmacy rounds, therapeutic drug monitoring (TDM), and counseling sessions for chronic disease management, such as diabetes, hypertension, and asthma.

During their training, students maintain a detailed medication history and patient logbook to document and review clinical cases. The training is conducted during their fourth and fifth academic years, with mentors and preceptors from the respective hospitals evaluating and marking their performance, contributing to their overall academic assessment. This comprehensive exposure ensures that students develop the necessary competencies for hospital and clinical pharmacy practice.