



مدينة الملك سعود الطبية
KING SAUD MEDICAL CITY



الهيئة السعودية للتخصصات الصحية
Saudi Commission for Health Specialties

General Clinical Pharmacy Diploma Program at King Saud Medical City

Mission Statement:

Individuals who complete a pharmacy practice residency shall be qualified independent practitioners who are able to provide pharmaceutical care in various environments. They shall be responsible for drug therapy outcomes as an integral member of the multi-disciplinary health care team. Such pharmacists shall be able to develop their own personal plan for professional development. They shall be able to educate other professionals and patients about medications. Pharmacists completing this program will be capable of conducting their practice with a high level of maturity and leadership.

Purpose:

The purpose of the general clinical pharmacy diploma program at King Saud Medical City (KSMC) is to prepare pharmacists to practice as highly qualified independent practitioners able to provide patient care in a variety of environments, apply skill in medication related education, serve as leaders within the profession of pharmacy, and excel during further post-graduate training. Our program builds on Doctor of Pharmacy (Pharm.D.) education and outcomes to contribute to the development of clinical pharmacists responsible for medication-related care of patients with a wide range of conditions, eligible for board certification, and eligible for postgraduate year two (PGY2) pharmacy residency training.

King Saud Medical City is a hospital in Riyadh, Saudi Arabia. It is a tertiary care center for medicine and surgery especially spinal and neurosurgery. It is international recognized center for training in medicine and surgery. It has 1500 beds of which 180 beds are in the intensive-care unit beds. By virtue of the bed capacity and patient load, KSMC is by far the largest hospital of Saudi Arabia. KSMC's ER department is one of the busiest in the country.

About our Program :

The general clinical pharmacy diploma program at KSMC is accredited by the Saudi Commission for Health Specialties (SCFHS). It was first introduced in 2018 . Refer to SCFHS website for detailed information available at:

<http://www.scfhs.org.sa/MESPS/TrainingProgs/Pages/Requirements.aspx>

Admission Requirements:

To be admitted in the diploma, the following criteria must be met:

- The candidate must be a Saudi citizen.
- Bachelor degree in pharmacy, PharmD, or Master degree in clinical pharmacy
Copies of certificates
- Achieving a passing score in the admission exam
- Completed application form
- Curriculum vitae
- An official pharmacy school transcript
- Personal statement including short term and long term professional goals, reason(s) for aspiring to pursue residency training, and reason(s) for selecting the residency program at King Saud Medical City
- Three letters of recommendations
- A letter of no objection from employer if the applicant is employed

An onsite interview is required. Interview will be conducted by invitation only and will be requested via email

Admission Capacity: 3 positions

Program Description:

The program is a twenty four-month, postgraduate training experience composed of four major elements:

1. Pharmacy Practice Management
2. Drug Information and Medication Use Policy
3. Clinical Services and Practice Management
4. Research Project

The specific program for each resident may vary based upon the residents' interests and previous experience. However, all residents are required to complete rotations in core subject areas considered to be essential to the pharmacy practitioner. A broad range of elective rotations is available to permit the resident flexibility in pursuing individual goals.

Program Structure:

First year structure: The first year (12-month) of the residency program is a systematic approach that will provide the resident with opportunity and stimulus to develop skills, competencies, and professional expertise in all aspects of pharmacy practice. It incorporates all practice areas into different modules. See table below for the required learning experiences for the first year (12-month) of the residency program.

Learning Experiences	Duration
Orientation	1 Week
Ambulatory Care	5 Weeks
Inpatient Care I	5 Weeks
Inpatient Care II	5 Weeks
Intravenous Admixture	5 Weeks
Introduction to Clinical Practice	5 Weeks
Clinical rotation (internal medicine)	5 Weeks
Medication Safety/Automation	5 Weeks
Administration Rotation	5 Weeks
Drug Information Rotation	5 Weeks
Longitudinal: Medication Use Evaluation, Research Project, Presentations/Journal club), patient awareness days)	NA
Vacation	4 Weeks
Holidays and Emergency Leave	2 Weeks
Total	52 Week

First year residency training

Duration:

12 months from the beginning of October to the end of September.

Rotations:

The first year of the residency program was designed to help the resident build skills in pharmacy practice and operation (inpatient, outpatient, and IV admixture), drug information, pharmacy and medication use policies. The program consists of the following 9 rotations, each consist of 5 weeks.

- Ambulatory care rotation
- Inpatient care rotation I
- Inpatient care rotation II
- Sterile preparation rotation
- Administration rotation
- Medication safety/ automation and informatics rotation
- Drug information rotation
- Clinical rotations:
 - o Introduction to clinical rotation
 - o Internal medicine rotation

Second Year Program :

This exists to develop the professional pharmacist who can thrive in a health care system where change is inevitable. The Resident will become well-grounded in current high standards of patient care and medication management but will have the capability and desire to continually educate both self and others . Structured learning experiences spread throughout a 12 month period are utilized to facilitate the achievement of the program outcomes. Within each structured experience, learning activities have been developed which allow the resident to meet the program's goals and objectives. The program is flexible to meet individual needs of residents. Residents are encouraged to develop areas of interest and become involved in all pharmacy activities.

Duration:

12 months from the beginning of October to the end of September.

Rotations:

The second year of the program consists of 9 clinical rotations: 6 core and 3 elective rotations, each consist of 5 weeks .

Core rotations	Elective rotations	Longitudinal
Adult Critical Care Cardiology Infectious Diseases Internal medicine	Adult hematology/ Oncology Nephrology Pediatrics General surgery Spinal/Orthopedic Surgery Vascular / Trauma Emergency Neurology	Research Project Presentations /Journal Club

Presentations and research project requirements:

First year: Four presentations are required for successful completion of the first year of the residency program - Research project is to be initiated during the first year

Second year: Six topic review/case presentations, two of which can be a drug monograph to be presented to the Formulary & Therapeutics Committee (FTC) and journal club to be presented to the pharmacy staff - Research

Research project:

The resident is expected to complete a research project during their residency program. A list of potential research projects will be developed, evaluated and approved by members of the RAC. This list will be provided to the resident. The resident will select a project from the list and will then be assigned a project advisor from the RAC. The selection of project advisor will be based on the topic and availability of the RAC members. It is expected that the resident and advisor meet regularly throughout the program to ensure all deadlines are met and the project is completed on time. The status of the project will be presented at RAC by the advisor at least quarterly. The resident must develop a chronological timeline of events and deadlines for the project. Occasionally, unavoidable circumstances prevent project deadlines from being met. Changes to the initial project timeline must be discussed and approved by the project advisor. At the latest, the selection of the project topic shall occur no later than August 1st. The resident must submit a written research project proposal to the project advisor for approval. The resident will complete any training modules as required by the IRB as appropriate. The protocol must be submitted to the IRB for approval before any data collection occurs.

Residents Development Plan

- During the first week of the residency, each resident is required to complete an initial self-assessment form (Experience, Skills, and Interest).
- The Residency Program Director (RPD) and resident will review the form together and create a customized residency plan based on the needs and interests of the resident.
- The plan will be completed by the end of orientation.
- The RPD, RAC and/or preceptors analyze overall resident performance (formative and summative evaluations, projects, presentations, etc) for areas needing improvement or that have been achieved.
- The RPD, RAC and/or preceptors determine the effectiveness of first quarter customized plan.
- The RPD and/or preceptors, with input from the resident, determine second quarter plan and document the follow-up plan for the second quarter.
- May include alterations in the goals and objectives, activities, learning experiences, structure, and/or assessment strategy.

Annual leave, official holidays, sick leave, and Leave of absence:

All leave requests including; annual, professional, and sick leaves should be approved by the RPD and the preceptor of the rotation that the leave falls in. Annual leave requests should be planned and requested in advance. The leave should not hinder the completion of the goals and objectives of any rotation. The resident will be eligible for 4 weeks of annual leave in addition to official holidays. Leaves exceeding ninety days shall be compensated for with an equivalent period of days before the trainee is awarded the certificate of training completion.

Pharmacy Resident Probation/Dismissal and/or Withdrawal:

A pharmacy resident may be placed on probation, dismissed, or voluntarily withdraw from the program should there be evidence of their inability to function effectively or putting patients at risk.

- Behavioral misconduct or unethical behavior that may occur on hospital premises
- Unsatisfactory attendance
- More than one unsatisfactory performance evaluation by the end of the program
- Theft of government property

For further information, kindly contact:

Nora Almutairi, B.Pharm, M.Sc, SSC-PhP,SSC-NEP

Clinical Pharmacy Specialist- Nephrology

Director, Clinical Pharmacy Residency Program

King Saud Medical City

Riyadh, Saudi Arabia

Email: nmalmutairi@ksmc.med.sa

Tel: 0114355555, Ext :1817

Cellphone : +966555898260