

# **Health care and Pharmaceutical**

## **CERTIFIED GERIATRIC PHARMACIST (CGP)**

### **Curriculum**

#### **Program Outline :**

#### **Module 1: Fundamentals of Certified Geriatric Pharmacist (CGP)**

**1.Purpose:** The BCGP certification validates a pharmacist's advanced knowledge and expertise in geriatric pharmacy.Ensures proficiency in optimizing medication therapy for older adults.

**2.Eligibility Requirements:** Graduation from an accredited pharmacy program (ACPE or equivalent international program).Possession of a current, active pharmacy license.

**3.Examination Content:** Ensuring safe and effective medication use in older adults. Setting and monitoring therapeutic goals in collaboration with healthcare teams and patients.Managing medication therapy across different stages of care and ensuring smooth transitions.

**4.Certification Process:** Meet the eligibility requirements.Pass the certification examination to earn the BCGP designation.

**5.Role of a BCGP:** Ensuring safe and effective medication use in patients with cardiovascular disease.Setting and monitoring therapeutic goals in collaboration with healthcare teams and patients.Managing medication therapy across different stages of care and ensuring smooth transitions

## **Module 2: Advanced Certified Geriatric Pharmacist (CGP)**

**1.Optimizing Therapy:** Advanced knowledge and experience to optimize medication therapy for ambulatory patients, including those who self-administer medications or receive assistance from caregivers.

**2.Specialized Clinical Skills:** Enhanced clinical skills for managing complex chronic diseases and providing specialized medication therapy management.

**3.Advanced Patient Care:** Providing comprehensive and advanced patient care in ambulatory settings, including preventive care, chronic disease management, and health promotion.

**4.Inter professional Collaboration:** Strengthening collaboration with other healthcare professionals to ensure coordinated and effective patient care

## **Module 3: Practical Applications**

### **1. Patient Care and Management:**

**Medication Therapy Management (MTM):** Pharmacists optimize medication regimens to improve therapeutic outcomes and reduce adverse effects.

### **2. Clinical Practice:**

**Patient Counseling:** Educating patients on proper medication use, potential side effects, and lifestyle modifications to enhance health outcomes.

### **3. Pharmaceutical Research and Development:**

**Drug Discovery and Development:** Conducting research to discover new medications and develop existing ones

#### **4. Healthcare Technology and Innovation:**

**Telemedicine:** Using telehealth platforms to provide remote consultations, follow-ups, and health monitoring

### **Module 4: Capstone Project**

#### **1.Impact of Telemedicine on Patient Outcomes**

Analyze the effectiveness of telemedicine in improving patient outcomes, especially for chronic disease management .

#### **2.Pharmaceutical Waste Management**

Develop strategies to reduce pharmaceutical waste and its environmental impact.

#### **3.Medication Adherence in Elderly Patients**

Investigate factors affecting medication adherence among elderly patients and develop interventions to improve adherence.

#### **4.Implementation of an Electronic Health Records (EHR) System**

Assess the challenges and benefits of implementing an EHR system in a healthcare facility

## **ELECTIVE MODULES**

**1.Advanced Pharmacology:** Deep dive into the mechanisms of action, side effects, and interactions of various drugs.

**2.Clinical Research Methods:** Learn about designing and conducting clinical trials, data analysis, and ethical considerations.

**3.Health Informatics:** Study the use of information technology in healthcare, including electronic health records and data management.

**4.Global Health:** Explore health issues and solutions in a global context, including international health policies and practices

## Websites:

- <https://chools.in/>
- <https://ramaqchools.com/>
- <https://www.choolsgroup.com/>