Health care and Pharmaceutical

CERTIFIED AMBULATORY CARE PHARMACIST (CACP)

Curriculum

Program Outline :

Module 1: Fundamentals of Certified Ambulatory Care Pharmacist (CACP)

1. .**Regulatory Knowledge:** Comprehensive understanding of FDA and international regulatory requirements for medical devices.

2.**Quality Management Systems:** Implementing and maintaining quality management systems to ensure compliance with regulatory standards.

3.**Documentation and Record Keeping:** Ensuring accurate and complete documentation of all manufacturing processes and quality control measures.

4.**Facility and Equipment Design:** Designing and maintaining facilities and equipment to meet regulatory requirements and prevent contamination.

5.**Employee Training and Competency:** Ensuring that all employees are trained and competent in medical device compliance practices and procedures.

Module 2: Advanced Certified Ambulatory Care Pharmacist (CACP)

1.Regulatory Compliance Expertise: Demonstrates advanced knowledge of global medical device regulations, including FDA (21 CFR Part 820), EU MDR, and ISO 13485 standards.

2.Product Lifecycle Management: Focuses on compliance across the entire medical device lifecycle, from design and development to post market surveillance.

3.Risk and Quality Management: Trains professionals in identifying,
mitigating, and managing risks, as well as ensuring robust quality management systems (QMS).

4.Career Advancement: Prepares individuals for roles such as Regulatory Affairs Specialist, Compliance Officer, and Quality Assurance Manager in the medical device industry.

5.Ongoing Certification Requirements: Encourages continuing education to stay updated on evolving regulations, standards, and industry best practices.

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/