Ramaq Chools
Consulting, Training & IT Services

Health care and Pharmaceutical

Clinical Trials Monitoring Professional (CMPro)

Curriculum

Program Outline :

Module 1:: Fundamentals of Clinical Trials Monitoring Professional (CMPro)

1. **Good Clinical Practice (GCP):** Understanding and adhering to GCP guidelines to ensure the ethical and scientific quality of clinical trials.

2. · **Regulatory Knowledge:** Familiarity with regulatory requirements and guidelines from agencies such as the FDA, EMA, and ICH.

3. · **Risk-Based Monitoring:** Implementing risk-based monitoring plans to identify and mitigate potential risks in clinical trials.

4. · **Site Selection and Qualification:** Evaluating and selecting qualified investigators and clinical trial sites to ensure compliance and data integrity.

5.· **Data Integrity and Quality Assurance:** Ensuring accurate and reliable data collection, documentation, and reporting throughout the clinical trial process.

Module 2:Advanced Clinical Trials Monitoring Professional (CMPro)

1.Risk-Based Monitoring (RBM): Advanced skills in implementing and managing risk-based monitoring strategies to identify and mitigate potential risks in clinical trials.

2· Data Integrity and Quality Assurance: Expertise in ensuring the accuracy, completeness, and reliability of clinical trial data through rigorous quality assurance processes.

3· Regulatory Compliance: In-depth knowledge of global regulatory requirements and guidelines, including ICH-GCP, FDA, EMA, and other relevant authorities.

4· Technology Utilization: Proficiency in using advanced technologies such as electronic data capture (EDC) systems, clinical trial management systems (CTMS), and risk-based monitoring software.

5· Site Management and Training: Experience in managing clinical trial sites, including site selection, qualification, training, and ongoing support to ensure compliance and data quality.

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

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

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

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/