

Health care and Pharmaceutical

CERTIFIED PROFESSIONAL IN PATIENT SAFETY (CPPS)

Curriculum

Program Outline :

Module 1: Fundamentals of Certified Professional in Patient Safety (CPPS)

- 1. Culture:** Understanding and fostering a culture of safety within healthcare organizations.
- 2. Systems Thinking, Human Factors Engineering, and Design:** Applying systems thinking and human factors engineering principles to design safer healthcare processes and systems.
- 3. Safety Risks and Responses:** Identifying and responding to safety risks to prevent harm to patients.
- 4. Performance Measurement, Analysis, Improvement, and Monitoring:** Measuring and analyzing performance to continuously improve patient safety.

Module 2: Advanced Certified Professional in Patient Safety (CPPS)

- 1. Patient Safety Expertise:** Demonstrates advanced knowledge and skills in identifying, mitigating, and preventing safety risks in healthcare environments to improve patient outcomes.

2.Focus on Safety Science: Covers principles of safety science, risk management, and system-based thinking to address errors and enhance healthcare quality.

3.Compliance with Standards: Ensures understanding of regulatory requirements and standards, including those from The Joint Commission and WHO, for patient safety initiatives.

4.Career Advancement: Prepares professionals for roles like Patient Safety Officer, Quality Improvement Specialist, and Risk Manager in healthcare organizations.

5.Ongoing Certification Requirements: Requires continuing education to maintain certification and stay current with advancements in patient safety practices and regulations.

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

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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/>