

Health care and Pharmaceutical

CERTIFIED NUTRITION SUPPORT PHARMACIST (CNSP)

Curriculum

Program Outline :

Module 1: Fundamentals of Certified Nutrition Support Pharmacist (CNSP)

1. Nutritional Assessment: Evaluating patients' nutritional status and identifying those who require specialized nutrition support.

2. Parenteral and Enteral Nutrition: Understanding the principles, indications, and complications of parenteral (intravenous) and enteral (tube feeding) nutrition.

3. Medication Management: Integrating medication therapy with nutrition support to ensure optimal patient outcomes.

4. Inter professional Collaboration: Working closely with dietitians, physicians, and other healthcare professionals to provide comprehensive care.

5. Regulatory and Safety Standards: Adhering to healthcare regulations and safety standards to ensure the quality and safety of nutrition support services

Module 2: Advanced Certified Nutrition Support Pharmacist (CNSP)

1. Optimizing Nutrition Support: Advanced knowledge and experience to optimize parenteral and enteral nutrition therapy for patients with complex medical conditions.

2. Specialized Clinical Skills: Enhanced clinical skills for managing patients requiring long-term or critical nutrition support, including those with multi-organ failure or severe malnutrition.

3. Inter professional Collaboration: Strengthening collaboration with dietitians, physicians, and other healthcare professionals to ensure coordinated and effective nutrition support.

4. Regulatory and Compliance Expertise: In-depth understanding of healthcare regulations and compliance requirements specific to nutrition support pharmacy.

5. Leadership and Advocacy: Developing leadership skills to advocate for the role of nutrition support pharmacists and lead initiatives within the healthcare system.

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/>