Health care and Pharmaceutical

CERTIFIED INFECTIOUS DISEASES PHARMACIST (CIDP)

Curriculum

Program Outline :

Module 1: Fundamentals of Certified Infectious Diseases Pharmacist (CIDP)

1. **Purpose:** The BCIDP certification validates a pharmacist's advanced knowledge and expertise in infectious diseases. Ensures proficiency in developing antimicrobial therapies, providing direct patient care, and leading antimicrobial stewardship programs.

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

3.**Examination Content:** Designing and optimizing antimicrobial therapy plans based on patient-specific data and best available evidence.Educating healthcare
professionals and patients, and translating research into practice. Developing and
implementing antimicrobial stewardship programs and managing infectious diseases pharmacy practice.

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

5.**Role of a BCNP:** Play a critical role in healthcare teams, ensuring the safe use of medications and therapies for critically ill patients. Collaborate with other healthcare professionals to optimize patient care and outcomes in critical care settings.

Module 2:Advanced Certified Infectious Diseases Pharmacist (CIDP)

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

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