

UNIVERSITY OF SANTO TOMAS  
GRADUATE SCHOOL  
Center for Continuing Professional Education  
and Development  
*in collaboration with the*  
FACULTY OF PHARMACY

**SPECIALIST TRAINING IN MEDICATION  
THERAPY MANAGEMENT: FUNDAMENTALS**

*Date: April 7 – May 26, 2018*

*Every Saturday / 8:00 am – 4:00 pm*

*Venue: Thomas Aquinas Research Complex  
University of Santo Tomas*

**Rationale, Focus and Outcome:**

**Medication Therapy Management (MTM)** is a service within the practice of Clinical Pharmacy operating on the Philosophy of Pharmaceutical Care. Medication therapy management services are distinct from medication dispensing and have a basic model of enabling patients to be pro-active in managing their medications. The services are dependent on the pharmacist working collaboratively with physicians, care-givers, and other health professionals to optimize medication use in accordance with ethical and evidence-based guidelines.

The scope of MTM includes assessment and evaluation of a patient's complete medication therapy regimen to identify, prevent, and resolve potential and active medication-related adverse events that contribute to morbidity, mortality, and increased cost of health care. Through Medication Therapy Management healthcare should be safe, effective, patient-centered, timely, and efficient in meeting patient's needs even as the patient actively participates in the healthcare process.

This **Specialist Training on Medication Therapy Management: Fundamentals** is a **52-hour program** focusing on the essential elements of an MTM service model that will address the urgent public health need for prevention of medication-related morbidity and mortality through services that contribute to medication-error prevention, improved reliability of healthcare delivery, and enable patients to take an active role in medication and healthcare self- management.

Participants in this specialist training will be engaged in practical hands-on scenario-based approach to learning, including large group discussions, small group discussions and interactive presentations of the concepts of MTM offered in modular format.

After each module, learning will be evaluated based on the participants' demonstrated retention of theories and showcase of skills that enhance patient's understanding of appropriate drug use, increased adherence to pharmacotherapy, and improved detection of adverse drug events. The specialist training will introduce the pharmacist to the standard of care and requirements of providing patients with initial comprehensive assessment and on-going follow-up assessments to identify and resolve medication-related problems thereby becoming contributors to positive clinical, economic, and humanistic outcomes across diverse patient populations in any patient care setting. Upon completion of the seven (7) course modules, a 3 – hour comprehensive examination is also given to assess the knowledge and skills gained.

**Course Objectives:**

After active engagement in the training program, the participants will be able to:

- Recognize the basic elements of a MTM service model that will address the urgent public health need for prevention of medication-related morbidity and mortality.
- Apply the standard of care and requirements of providing patients with initial comprehensive assessment and on-going follow-up assessments to identify and resolve medication-related problems.
- Identify, prevent, and resolve potential and active medication-related adverse events that contribute to morbidity, mortality, and increased cost of health care.
- Work collaboratively with physicians, care-givers, and other health professionals to optimize medication use in accordance with ethical and evidence-based guidelines.

**Program Curriculum & Schedule:**

**April 7, 2018**

**Course Module 1: a. Introduction to MTM**

**b. Identification of Patients for MTM**

Introduction to MTM orients the participant to the clinical pharmacy service of medication therapy management as a patient-centered service of taking professional responsibility and accountability for the realistic outcomes of pharmacotherapy. The service highlights the skills required of pharmacists in working with the health care team and empowering eligible patients to be pro-active in matters concerning their health.

**April 14, 2018**

**Course Module 2: Collecting patient information**

This module will develop in the participants, the competency for collection of necessary subjective and objective information about the patient to gain an understanding of the relevant medical/medication history and clinical status of the patient. Emphasis will be on correct verification of gathered information from multiple sources like patient records, caregivers, and other health care professionals. The outcome expected are medication lists that will be used by a community pharmacist to provide a targeted medication therapy management intervention.

**April 21, 2018**

**Course Module 3: Developing therapeutics plan**

In providing Pharmaceutical Care, the pharmacist must be able to develop a therapeutic plan that will provide outcomes that will improve the patients' quality of life. This module deals with the identification of Medication Related Problems and steps in developing a therapeutic plan (pharmacologic and non-pharmacologic) using Oncology Supportive Care cases. At the end of the module, participants are expected to be able propose a therapeutic plan appropriate for different types of patients.

**April 28, 2018**

**Course Module 4: Communication essentials**

Effective patient communication is necessary to educate patients and improve outcomes. This module will review unique aspects of communicating with patients and

techniques for motivational interviewing, health-behavior change, and health literacy. This module will also introduce practitioner-focused communication skills useful for pharmacists when providing help to a colleague or asking help for the care of a patient.

**May 5, 2018**

**Course Module 5: Practicing evidence-based medicine**

This module is designed to engage pharmacy practitioners in evidence-based practice on pharmaceutical care provision. Focused on utilizing the appropriate medical literature data in making decisions regarding patient care, this module includes discussions on retrieval, evaluation, and synthesis of relevant evidence for specific patient cases.

**May 12, 2018**

**Course Module 6: Adherence to therapy**

Poor medication adherence is among the most serious and prevalent problems that result to numerous medication-related hospitalizations. This module will focus on identifying and describing patient's specific barriers that limit patient adherence and various pharmacist strategies to encourage and improve adherence.

**May 19, 2018**

**Course Module 7: Medication safety**

The discussion of this module will revolve on patient-based cases that require application of concepts of medication safety. The concepts of medication safety in medication therapy management include prevention of medication errors such as drug interactions, administration errors, dosage errors and medication misadventures such as adverse drug events and adverse drug reactions. This will also emphasize utilization of existing resources on medication safety in the context of MTM practice.

**May 26, 2018**

**Final Comprehensive Examination**

To measure learnings gained, the participants are required to take and successfully pass each End-of-Module assessment and the Final Comprehensive examination.

**Target Participants:**

- Professional Pharmacists
- Professors of Pharmacy
- Pharmacy Department Heads / Chairs
- Graduate Students in Pharmacy

**Registration Fee & Reservation:**

**Early Tiger Rate of Php20,000.00** per participant for those who will reserve and pay on or before **March 17, 2017**. Regular rate of Php30,000.00 after the early tiger period shall be applied. This fee is inclusive of certificate of attendance, seminar kit, 8GB USB, and meals.

Registration may be made by **depositing the full amount at any Bank of the Philippine Islands (BPI) branch to University of Santo Tomas (UST) Savings Account No. 0151-0000-45**. After depositing, please email a copy of deposit slip together with the accomplished reservation form to [ust\\_ccped@yahoo.com](mailto:ust_ccped@yahoo.com). Official receipts will be issued on the first day of the course.

Cancellation fee of Php 10,000 will be charged for those participants who cancel their reservation one week before the start of the program.

**Reservation Form:**

YES, I will attend the SPECIALIST TRAINING IN MTM: FUNDAMENTALS on April to May 2018 at the UST Graduate School.

Name: \_\_\_\_\_  
First Name M.I. Surname

Position: \_\_\_\_\_

Company/Organization: \_\_\_\_\_

Address: \_\_\_\_\_

Office Tel. No. \_\_\_\_\_

Fax No. \_\_\_\_\_

Cell phone No. \_\_\_\_\_

Email Address: \_\_\_\_\_

Signature: \_\_\_\_\_

*This form maybe reproduced for additional participants.*

**UST:S009-00-FO01**



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MEDICATION THERAPY  
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**Thomas Aquinas Research Complex  
Graduate School  
University of Santo Tomas**

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