

PHARMACIST CERTIFICATE PROGRAM IN MEDICATION THERAPY MANAGEMENT

MODULE 1. OVERVIEW AND DEFINITION OF MEDICATION THERAPY MANAGEMENT (MTM)

FACULTY

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ACCREDITATION STATEMENTS

PHARMACY



Postgraduate Healthcare Education, LLC is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.

UAN: 0430-0000-16-045-H04-P

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Published: July 1, 2016

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Type of Activity: Knowledge

Media: Internet

Fee Information: Included in Pharmacist MTM Certificate Program registration or \$6.50.

Estimated time to complete activity: 90 minutes

TARGET AUDIENCE

This accredited activity has been designed for pharmacists.

GOAL

To provide pharmacists with an overview of medication therapy management (MTM), addressing key questions about MTM goals, outcomes, and strategy. This section will serve as a framework for the comprehensive study and application of MTM in pharmacy practice.

EDUCATIONAL OBJECTIVES

Upon completion of this activity, participants should be better able to:

1. Explain the origins of MTM and rationale for MTM programs
2. Review basic steps for planning and implementing MTM services
3. Describe key aspects of MTM as required by Medicare and others
4. Discuss the applicability of MTM in today's changing healthcare environment

MODULE 2. IDENTIFYING PATIENTS FOR MTM SERVICES

FACULTY

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ACCREDITATION STATEMENTS

PHARMACY



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Fee Information: Included in Pharmacist MTM Certificate Program registration or \$6.50.

Estimated time to complete activity: 60 minutes

TARGET AUDIENCE

This accredited activity has been designed for pharmacists.

GOAL

To provide pharmacists with a clear understanding of patients eligible for MTM services under Medicare Part D and the types of patients most likely to benefit from non-Medicare MTM services.

EDUCATIONAL OBJECTIVES

Upon completion of this activity, participants should be better able to:

1. List Medicare Part D criteria for enrollment in MTM;
2. Explain how eligible patients are referred to MTM providers;
3. Describe patient circumstances indicating potential benefit from MTM services; and
4. Develop procedures for identifying and targeting MTM candidates.

MODULE 3. COLLECTION AND EVALUATION OF PATIENT-SPECIFIC INFORMATION

FACULTY

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Estimated time to complete activity: 60 minutes

TARGET AUDIENCE

This accredited activity has been designed for pharmacists.

GOAL

To provide pharmacists with best practices for acquiring, assessing, and evaluating patient medical information in the MTM process.

EDUCATIONAL OBJECTIVES

Upon completion of this activity, participants should be better able to:

1. Describe sources of information gathering in MTM;
2. List key steps to prepare for a successful MTM session; and
3. Establish best practices for interviewing patients in MTM.

MODULE 4. DEVELOPING A THERAPEUTIC ACTION PLAN FOR MTM

FACULTY

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Estimated time to complete activity: 90 minutes

TARGET AUDIENCE

This accredited activity has been designed for pharmacists.

GOAL

To provide pharmacists with skills and knowledge needed to develop a Personal Medication List (PML) and Therapeutic Action Plan for patients undergoing medication therapy management (MTM).

EDUCATIONAL OBJECTIVES

Upon completion of this activity, participants should be better able to:

1. Identify the goals of a Personal Medication List and Therapeutic Action Plan;
2. Adapt existing forms or templates for specific patient circumstances; and
3. Recognize best practices for documenting and sharing the Therapeutic Plan and other decisions with patients and healthcare providers.

MODULE 5, PART 1. COMMUNICATION ESSENTIALS: TIPS FOR PATIENT AND CARE GIVER COMMUNICATION

FACULTY

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Estimated time to complete activity: 60 minutes

TARGET AUDIENCE

This accredited activity has been designed for pharmacists.

GOAL

To provide pharmacists with tips for initiating interaction with patients and providers and communicating clearly with those persons within the context of MTM services.

EDUCATIONAL OBJECTIVES

Upon completion of this activity, participants should be better able to:

1. Identify do's and don'ts of effective listening in MTM;
2. Employ motivational interviewing techniques in MTM;
3. Overcome communication barriers;
4. Approach other health professionals to discuss MTM recommendations; and
5. Recognize pros and cons of collaborative practice agreements.

MODULE 5, PART 2. COMMUNICATION WITH PHYSICIANS AND OTHER HEALTHCARE PROVIDERS

FACULTY

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EDUCATIONAL OBJECTIVES

Upon completion of this activity, participants should be better able to:

1. Identify do's and don'ts of effective listening in MTM;
2. Employ motivational interviewing techniques in MTM;
3. Overcome communication barriers;
4. Approach other health professionals to discuss MTM recommendations; and
5. Recognize pros and cons of collaborative practice agreements.

MODULE 6. PRACTICING EVIDENCE-BASED MEDICINE

FACULTY

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ACCREDITATION STATEMENTS

PHARMACY



Postgraduate Healthcare Education, LLC is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.

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Type of Activity: Knowledge

Media: Internet

Fee Information: Included in Pharmacist MTM Certificate Program registration or \$6.50.

Estimated time to complete activity: 120 minutes

Nursing Continuing Education

Credit Designation

This educational activity for 2.0 contact hours is provided by Postgraduate Institute for Medicine.

Accreditation Statement

Postgraduate Institute for Medicine is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

TARGET AUDIENCE

This certified activity has been designed for pharmacists and APRNs.

GOAL

To provide pharmacists and APRNs with an overview of how to interpret and assess clinical trials, determine the strength of evidence based on trial design, and use clinical practice guidelines.

EDUCATIONAL OBJECTIVES

Upon completion of this activity, participants should be better able to:

1. Interpret common elements of clinical trial design
2. Discuss the strengths and limitations of a clinical trial
3. Demonstrate how to find clinical practice guidelines
4. Apply primary literature and other high quality drug information to the clinical decision-making process

MODULE 7. ENDOCRINE DISORDERS

FACULTY

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ACCREDITATION STATEMENTS

PHARMACY



Postgraduate Healthcare Education, LLC is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.

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Type of Activity: Knowledge

Media: Internet

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Estimated time to complete activity: 150 minutes

Nursing Continuing Education

Credit Designation

This educational activity for 2.5 contact hours is provided by Postgraduate Institute for Medicine.

Designated for 1.5 contact hours of pharmacotherapy credit for Advance Practice Registered Nurses.

Accreditation Statement

Postgraduate Institute for Medicine is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

TARGET AUDIENCE

This certified activity has been designed for pharmacists and APRNs.

GOAL

To provide pharmacists and APRNs with an overview of common endocrinologic disorders with an emphasis on monitoring parameters and patient counseling for medications administered for these disease states.

EDUCATIONAL OBJECTIVES

Upon completion of this activity, participants should be better able to:

1. Discuss the epidemiology and pathophysiology of common endocrinologic disorders
2. Explain the basic approach to treatment for common endocrinologic disorders
3. Discuss appropriate monitoring parameters for medications discussed in this module
4. Demonstrate effective patient counseling skills for patients with an endocrinologic disorder discussed in this module

MODULE 8. CARDIOVASCULAR CONDITIONS

FACULTY

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ACCREDITATION STATEMENTS

PHARMACY



Postgraduate Healthcare Education, LLC is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.

UAN: 0430-0000-16-053-H01-P

Credits: 3.0 hours (0.30 ceu)

Published: July 1, 2016

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Type of Activity: Knowledge

Media: Internet

Fee Information: Included in Pharmacist MTM Certificate Program registration or \$6.50.

Estimated time to complete activity: 180 minutes

Nursing Continuing Education

Credit Designation

This educational activity for 3.0 contact hours is provided by Postgraduate Institute for Medicine.

Designated for 1.9 contact hours of pharmacotherapy credit for Advance Practice Registered Nurses.

Accreditation Statement

Postgraduate Institute for Medicine is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

TARGET AUDIENCE

This certified activity has been designed for pharmacists and APRNs.

GOAL

To provide pharmacists and APRNs with an overview of common cardiovascular disorders with an emphasis on monitoring parameters and patient counseling for medications administered for these disease states.

EDUCATIONAL OBJECTIVES

Upon completion of this activity, participants should be better able to:

1. Discuss the epidemiology and pathophysiology of common cardiovascular disorders
2. Explain the basic approach to treatment for common cardiovascular disorders
3. Discuss appropriate monitoring parameters for cardiovascular medications discussed in this module
4. Demonstrate effective patient counseling skills for patients with a cardiovascular disorder discussed in this module

MODULE 9. RESPIRATORY DISEASES

FACULTY

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ACCREDITATION STATEMENTS

PHARMACY



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UAN: 0430-0000-16-054-H01-P

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Type of Activity: Knowledge

Media: Internet

Fee Information: Included in Pharmacist MTM Certificate Program registration or \$6.50.

Estimated time to complete activity: 150 minutes

Nursing Continuing Education

Credit Designation

This educational activity for 2.5 contact hours is provided by Postgraduate Institute for Medicine.

Designated for 1.7 contact hours of pharmacotherapy credit for Advance Practice Registered Nurses.

Accreditation Statement

Postgraduate Institute for Medicine is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

TARGET AUDIENCE

This certified activity has been designed for pharmacists and APRNs.

GOAL

To provide pharmacists and APRNs with an overview of common respiratory disorders with an emphasis on monitoring parameters and patient counseling for medications administered for these disease states.

EDUCATIONAL OBJECTIVES

Upon completion of this activity, participants should be better able to:

1. Discuss the epidemiology and pathophysiology of common respiratory disorders;
2. Explain the basic approach to treatment for common respiratory disorders;
3. Discuss appropriate monitoring parameters for respiratory medications discussed in this module; and
4. Demonstrate effective patient counseling skills for patients with a respiratory disorder discussed in this module.

MODULE 10. GASTROINTESTINAL DISORDERS

FACULTY

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Estimated time to complete activity: 150 minutes

Nursing Continuing Education

Credit Designation

This educational activity for 2.5 contact hours is provided by Postgraduate Institute for Medicine.

Designated for 1.6 contact hours of pharmacotherapy credit for Advance Practice Registered Nurses.

Accreditation Statement

Postgraduate Institute for Medicine is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

TARGET AUDIENCE

This certified activity has been designed for pharmacists and APRNs.

GOAL

To provide pharmacists and APRNs with an overview of common gastrointestinal (GI) disorders with an emphasis on monitoring parameters and patient counseling for medications administered for these disease states.

EDUCATIONAL OBJECTIVES

Upon completion of this activity, participants should be better able to:

1. Discuss the epidemiology and pathophysiology of common gastrointestinal (GI) disorders;
2. Explain the basic approach to treatment for common GI disorders;
3. Discuss appropriate monitoring parameters for GI medications; and
4. Demonstrate effective patient counseling skills for patients with a GI disorder.

MODULE 11. UROLOGIC DISORDERS

FACULTY

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PHARMACY



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Fee Information: Included in Pharmacist MTM Certificate Program registration or \$6.50.

Estimated time to complete activity: 150 minutes

Nursing Continuing Education

Credit Designation

This educational activity for 2.5 contact hours is provided by Postgraduate Institute for Medicine.

Designated for 1.5 contact hours of pharmacotherapy credit for Advance Practice Registered Nurses.

Accreditation Statement

Postgraduate Institute for Medicine is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

TARGET AUDIENCE

This certified activity has been designed for pharmacists and APRNs.

GOAL

To provide pharmacists and APRNs with an overview of common urologic disorders with an emphasis on monitoring parameters and patient counseling for medications administered for these disease states.

EDUCATIONAL OBJECTIVES

Upon completion of this activity, participants should be better able to:

1. Discuss the epidemiology and pathophysiology of common urologic disorders;
2. Explain the basic approach to treatment for common urologic disorders;
3. Discuss appropriate monitoring parameters for urologic medications discussed in this module; and
4. Demonstrate effective patient counseling skills for patients with a urologic disorder discussed in this module

FACULTY

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Nursing Continuing Education

Credit Designation

This educational activity for 2.5 contact hours is provided by Postgraduate Institute for Medicine.

Designated for 1.5 contact hours of pharmacotherapy credit for Advance Practice Registered Nurses.

Accreditation Statement

Postgraduate Institute for Medicine is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

TARGET AUDIENCE

This certified activity has been designed for pharmacists and APRNs.

GOAL

To provide pharmacists and APRNs with an overview of common psychiatric disorders with an emphasis on monitoring parameters and patient counseling for medications administered for these disease states.

EDUCATIONAL OBJECTIVES

Upon completion of this activity, participants should be better able to:

1. Discuss the epidemiology and pathophysiology of common psychiatric disorders;
2. Explain the basic approach to treatment for common psychiatric disorders;
3. Discuss appropriate monitoring parameters for psychiatric medications discussed in this module; and
4. Demonstrate effective patient counseling skills for patients with a psychiatric disorder discussed in this module.

MODULE 13. BONE AND JOINT DISEASES

FACULTY

Carissa E. Mancuso, PharmD

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Updated in April 2016 by:

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ACCREDITATION STATEMENTS

PHARMACY



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Nursing Continuing Education

Credit Designation

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Designated for 1.7 contact hours of pharmacotherapy credit for Advance Practice Registered Nurses.

Accreditation Statement

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TARGET AUDIENCE

This certified activity has been designed for pharmacists and APRNs.

GOAL

To provide pharmacists and APRNs with an overview of common bone diseases with an emphasis on monitoring parameters and patient counseling for medications administered for these disease states.

EDUCATIONAL OBJECTIVES

Upon completion of this activity, participants should be better able to:

1. Discuss the epidemiology and pathophysiology of common bone diseases;
2. Explain the basic approach to treatment for common bone diseases;
3. Discuss appropriate monitoring parameters for medications discussed in this module; and
4. Demonstrate effective patient counseling skills for patients with a bone disease discussed in this module

MODULE 14. ASSESSING AND OPTIMIZING PATIENT ADHERENCE IN MTM

FACULTY

Demetra E. Antimisiaris, PharmD, CGP, FASCP

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Credit Designation

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Accreditation Statement

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TARGET AUDIENCE

This certified activity has been designed for pharmacists and APRNs.

GOAL

To provide pharmacists and APRNs with tools for interacting with MTM patients to increase adherence to medication therapies and improve overall condition management.

EDUCATIONAL OBJECTIVES

Upon completion of this activity, participants should be better able to:

1. Analyze factors leading to adherence challenges
2. Describe the impact of nonadherence on safety and efficacy of medications
3. Discuss strategies for counseling patients regarding medication adherence in the MTM setting

MODULE 15. MEDICATION SAFETY AND ERROR PREVENTION

FACULTY

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Assistant Professor of Clinical Pharmacy

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TARGET AUDIENCE

This certified activity has been designed for pharmacists and APRNs.

GOAL

To guide pharmacists and APRNs providing MTM services in the discussion and execution of steps to reduce medication errors and maximize medication safety.

EDUCATIONAL OBJECTIVES

Upon completion of this activity, participants should be better able to:

1. Discuss the causes of medication errors and drug safety risks in pharmacy practice settings;
2. Analyze potential medication safety risks as part of MTM counseling; and
3. Determine how MTM services can maximize medication safety for the individual receiving the MTM consultation.