### Nevada Pharmacy Law Update and Overview of Prescription Drug Abuse

**Faculty**

S. Paul Edwards, Esq.

*General Counsel*

Nevada State Board of Pharmacy

UAN: 0430-0000-15-035-H03-T

Credits: 1.0 hours (0.10 ceu)

**Goal**

To update pharmacists and pharmacy technicians on the national prescription drug abuse epidemic and to provide an overview of recent regulatory changes and updates in Nevada pharmacy law.

**Educational Objectives**

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

1. Summarize the prescription drug abuse epidemic in the United States;
2. Identify prescription drug abuse trends both nationally and in the state of Nevada;
3. Describe tools that are being used to combat prescription drug abuse; and
4. Recall recent regulatory changes and updates in Nevada pharmacy law.

### The Utility of Root Cause Analysis and Failure Mode and Effects Analysis in the Hospital Setting

**Faculty**

Jennifer Gibson, PharmD

*Medical Writer*

*President of Excalibur Scientific*

UAN: 0430-0000-15-062-H05-T

0430-0000-15-062-H05-P

Credits: 2.0 hours (0.20 ceu)

**Goal**

Identifying and preventing medication errors is a significant challenge in all health care settings. Pharmacists and pharmacy technicians must understand common methodologies for detecting sources of risk in order to participate in error and risk investigations and to implement changes in pharmacy practice.

This course is approved by the Florida Board of Pharmacy, provider number 50-17869.
EDUCATIONAL OBJECTIVES
Upon completion of this activity, participants should be better able to:
1. Discuss the prevalence of medication errors in the United States;
2. Describe the utility of root cause analysis (RCA) in the health care setting;
3. Outline the steps involved in a failure mode and effects analysis (FMEA);
4. Summarize the benefits of drawing from a multidisciplinary team to complete patient safety evaluations; and
5. List 4 strategies that can be employed in the pharmacy to help reduce medication errors.

HIV/AIDS REVIEW FOR THE PHARMACY TECHNICIAN

FACULTY
Casey J. Covrett, PharmD, BCPS
Clinical Editor and Medical Writer
Wilmington, North Carolina

UAN: 0430-0000-15-061-H02-T
Credits: 2.0 hours (0.20 ceu)

GOAL
To educate pharmacy technicians about HIV/AIDS, including epidemiology, modes of transmission, infection control procedures, clinical management, and Florida-specific legislation related to HIV testing requirements.
This course is approved by the Florida Board of Pharmacy, provider number 50-17869.

EDUCATIONAL OBJECTIVES
Upon completion of this activity, participants should be better able to:
1. Discuss the epidemiology of HIV/AIDS;
2. Summarize modes of transmission of HIV infection;
3. List methods of prevention and infection control practices for HIV infection;
4. Describe the HIV lifecycle and clinical management of HIV infection; and
5. Review HIV testing-related requirements of the Florida Omnibus AIDS Act.

UNDERSTANDING STAR RATINGS AND THE INFLUENCE OF MTM SERVICES

FACULTY
Steven S. Kheloussi, PharmD
Adjunct Professor
Pharmacy Practice
Wilkes University, Nesbitt School of Pharmacy
Medication Therapy Management Pharmacist
Geisinger Health Plan
Wilkes-Barre, Pennsylvania
Tricia M. Russell, PharmD, BCPS, CDE  
Adjunct Instructor  
Department of Pharmacy  
Wilkes University, Nesbitt School of Pharmacy  
Wilkes-Barre, Pennsylvania  
Medicare Formulary Clinical Pharmacist  
Catamaran  
Mountain Top, Pennsylvania  

UAN: 0430-0000-15-041-H04-T  
Credits: 2.0 hours (0.20 ceu)  

**GOAL**  
To explain the Centers for Medicare & Medicaid Services Star Rating System and discuss the role of the pharmacy technician in the delivery of medication therapy management services.  

**EDUCATIONAL OBJECTIVES**  
Upon completion of this activity, participants should be able to:  
1. Describe medication therapy management (MTM) and the role of the pharmacy technician in the provision of these services;  
2. Summarize the Centers for Medicare & Medicaid Services (CMS) Star Rating System;  
3. Recall health plan incentives to provide high quality patient care; and  
4. Recognize the relationship between MTM and the CMS Star Rating System.  

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**Texas State Law Primer and Updates**  

**FACULTY**  
Eli G. Phillips, Jr., PharmD, JD  
Director, Pharmacy Compliance  
Quality & Regulatory Affairs  
Cardinal Health  

UAN: 0430-0000-15-026-H03-T  
Credits: 1.0 hours (0.10 ceu)  

**GOAL**  
To review professional pharmacy practice requirements of both pharmacists and pharmacy technicians in the state of Texas.  

**EDUCATIONAL OBJECTIVES**  
Upon completion of this activity, participants should be able to:  
1. Recognize the purpose and composition of the Texas State Board of Pharmacy;  
2. Understand the continuing education requirement(s) for pharmacy technicians;  
3. Describe the legal requirements for various product substitutions;  
4. Identify the situations that require a pharmacist to provide patient counseling; and  
5. Support pharmacists in preparing prescriptions within legal limits.
UNDERSTANDING SALES RESTRICTIONS FOR NONPRESCRIPTION DRUG PRODUCTS

FACULTY
Gerald Gianutsos, PhD, BSc Pharm, JD
Associate Professor of Pharmacology
University of Connecticut, School of Pharmacy
Department of Pharmaceutical Sciences
Storrs, Connecticut

UAN: 0430-0000-15-010-H03-T
Credits: 2.0 hours (0.20 ceu)

GOAL
The goal of this activity is to educate pharmacy technicians about specific regulations that are in place for nonprescription drug products and the origins of these regulations.

EDUCATIONAL OBJECTIVES
Upon completion of this activity, participants should be better able to:
1. Distinguish between prescription-only and nonprescription drug products;
2. Discuss the issue of nonprescription drug abuse;
3. Recognize nonprescription drugs that have special sales restrictions; and
4. Describe the medical use and abuse liability of particular nonprescription medications.

THE EXPANDING ROLE OF THE PHARMACY TECHNICIAN—MTM AND VACCINATION SUPPORT

FACULTY
Michael D. Hogue, PharmD, FAPhA, FNAP
Professor and Chair
Department of Pharmacy Practice
McWhorter School of Pharmacy, Samford University
Birmingham, Alabama

UAN: 0430-0000-15-011-H04-T
Credits: 2.0 hours (0.20 ceu)
GOAL
To review the roles of the pharmacy technician in medication therapy management (MTM) and vaccination support.

EDUCATIONAL OBJECTIVES
Upon completion of this activity, participants should be better able to:
1. Identify the core elements of the medication therapy management process;
2. Describe how a pharmacy technician can assist pharmacists to enable optimal patient care as part of the medication therapy management process;
3. Articulate positive verbal queues which facilitate pharmacist-patient interaction resulting in vaccination of the patient; and
4. Describe the pharmacy technician's role in appropriate vaccine storage and handling, pre-vaccination patient screening, and post-vaccination documentation and follow-up.

Pharmacy Technician Review:
Nonprescription Analgesics for Headache and Common Conditions Causing Pain

FACULTY
W. Steven Pray, PhD, DPh
Bernhardt Professor of Pharmacy
Southwestern Oklahoma State University
School of Pharmacy
Weatherford, Oklahoma

UAN: 0430-0000-15-012-H01-T
Credits: 2.0 hours (0.20 ceu)

GOAL
To prepare pharmacy technicians to assist pharmacists by eliciting appropriate and useful information from patients complaining of headache and other common conditions causing pain.

EDUCATIONAL OBJECTIVES
Upon completion of this activity, participants should be better able to:
1. Describe etiologies of headache, including types of headaches and accompanying symptoms or situations that require immediate referral;
2. Gather the information needed to allow the pharmacist to recognize self-treatable headaches and common conditions causing pain;
3. Recognize appropriate products that might provide relief for a specific type of self-treatable headache or common condition causing pain; and
4. List various contraindications and warnings for nonprescription products commonly recommended for headache and other common conditions causing pain.
MAXIMIZING PATIENT INTERACTION AT THE PHARMACY COUNTER: OTC MEDICATIONS FOR ALLERGIC RHINITIS AND THE COMMON COLD

FACULTY
W. Steven Pray, PhD, DPh
Bernhardt Professor of Pharmacy
Southwestern Oklahoma State University
School of Pharmacy
Weatherford, Oklahoma

UAN: 0430-0000-15-013-H01-T
Credits: 2.0 hours (0.20 ceu)

GOAL
The goal of this activity is to prepare pharmacy technicians to assist pharmacists by eliciting appropriate and useful information from patients complaining of allergic rhinitis or the common cold.

EDUCATIONAL OBJECTIVES
Upon completion of this activity, participants should be better able to:
1. Describe the etiologies of allergic rhinitis and the common cold;
2. Recall the various manifestations of allergic rhinitis and the common cold;
3. Gather the information needed to allow the pharmacist to recognize whether a patient has allergic rhinitis or the common cold;
4. List the various nonprescription products and devices used to treat symptoms of allergic rhinitis and the common cold; and
5. Recognize various contraindications and warnings for nonprescription products for allergic rhinitis and the common cold.

DRUG INVENTORY—THINKING IT THROUGH

FACULTY
Casey J. Covrett, PharmD, BCPS
Medical Writer
Wilmington, North Carolina

UAN: 0430-0000-15-003-H04-T
Credits: 2.0 hours (0.20 ceu)

GOAL
To educate pharmacy technicians about effective and efficient inventory control practices in order to limit spoilage and improve patient care.
EDUCATIONAL OBJECTIVES
Upon completion of this activity, participants should be better able to:
1. Understand key inventory terminology and how it applies to daily practice;
2. Summarize steps to appropriately manage inventory when new drugs gain market entry and during brand-to-generic transitions;
3. Identify positive and negative events that affect inventory; and
4. Outline the goals of inventory management.

COMMON CHILDHOOD ILLNESSES: CONSIDERATIONS FOR THE PHARMACY TECHNICIAN

FACULTY
Jennifer L. Gibson, PharmD
Freelance Writer and Editor
Marietta, Georgia

UAN: 0430-0000-15-005-H05-T
Credits: 2.0 hours (0.20 ceu)

GOAL
To enhance the pharmacy technician’s understanding of common illnesses in pediatric patients, as well as the unique physiological characteristics of this population, in order to improve medication safety and patient care calculations performed in the traditional pharmacy practice setting.

EDUCATIONAL OBJECTIVES
Upon completion of this activity, participants should be better able to:
1. Describe the body composition and physiological characteristics of pediatric patients and how these factors influence drug use and safety;
2. Recall common sources of medication errors in pediatric patients;
3. Identify common childhood illnesses and the medications used to treat them; and
4. List recent changes to the labeling and regulation of pediatric drug products.

WHY DO DRUGS AFFECT PEOPLE DIFFERENTLY? UNDERSTANDING FACTORS THAT INFLUENCE DRUG RESPONSES

FACULTY
Casey J. Covrett, PharmD, BCPS
Medical Writer
Wilmington, North Carolina

UAN: 0430-0000-15-001-H01-T
Credits: 2.0 hours (0.20 ceu)
GOAL
To enhance the pharmacy technician’s awareness of the multiple factors that influence individual responses to medications.

EDUCATIONAL OBJECTIVES
Upon completion of this activity, participants should be better able to:
1. Recall the mechanisms involved in food-drug interactions;
2. Explain why drugs must be used cautiously in patients with underlying disease states;
3. Describe the mechanisms and potential outcomes of drug-drug interactions; and
4. Recognize the influence of gender and genetics in drug responses.

UNDERSTANDING MEDICAL TERMINOLOGY AND PHARMACOLOGY ASSOCIATED WITH THE EYE: GLAUCOMA, DRY EYE, AND CONJUNCTIVITIS

FACULTY
Casey J. Covrett, PharmD, BCPS
Medical Writer
Wilmington, North Carolina

UAN: 0430-0000-15-002-H01-T
Credits: 2.0 hours (0.20 ceu)

GOAL
To improve the pharmacy technician’s understanding of medical science terminology and pharmacology related to common medical conditions and drugs affecting the human eye.

EDUCATIONAL OBJECTIVES
Upon completion of this activity, participants should be better able to:
1. Recognize medical science terminology associated with common conditions of the human eye;
2. Explain pharmacology related to the topical eye treatments for glaucoma, dry eye, and conjunctivitis;
3. Describe the appropriate application of eye drop solutions, gels, and ointments; and
4. Accurately calculate the correct volume (bottle size) required for eye drop prescriptions.

RECENT DEVELOPMENTS SURROUNDING THE APPROPRIATE DISPOSAL OF MEDICATIONS

FACULTY
Kimberly A. Burns, RPh, JD
Associate Professor
Lake Erie College of Osteopathic Medicine (LECOM)
School of Pharmacy
Erie, Pennsylvania

UAN: 0430-0000-15-004-H03-T
Credits: 2.0 hours (0.20 ceu)
GOAL
To improve the pharmacy technician’s ability to advise patients, caregivers, and the community about the appropriate disposal of medications.

EDUCATIONAL OBJECTIVES
Upon completion of this activity, participants should be better able to:
1. Describe current environmental concerns surrounding improper medication disposal;
2. Summarize how improper medication disposal is correlated to prescription drug abuse;
3. Review current options available to dispose of unused medications;
4. Identify current legal considerations regarding medication disposal; and
5. Define the role of pharmacy providers in medication disposal.

MEDICATION SAFETY:
THE ROLE OF THE TECHNICIAN IN PREVENTING MEDICATION ERRORS

FACULTY
Jennifer L. Gibson, PharmD
Freelance Writer and Editor
Marietta, Georgia

UAN: 0430-0000-15-006-H05-T
Credits: 2.0 hours (0.20 ceu)

GOAL
To review the origin and types of medication errors and to explain the role of the pharmacy technician in improving medication safety.

EDUCATIONAL OBJECTIVES
Upon completion of this activity, participants should be better able to:
1. Describe the impact of medication errors;
2. Review barriers and vulnerabilities to medication safety in multiple pharmacy settings;
3. Define pharmacy technician responsibilities in the medication-use process;
4. List strategies for preventing medication errors and enhancing patient safety; and
5. Identify mechanisms for reporting errors.

NEW DRUG APPROVALS, 2014

FACULTY
Gina Ryan, PharmD, BCPS
Interim Associate Dean for Administration
Clinical Professor of Pharmacy Practice
Director of Pharmacy Continuing Education
Mercer University College of Pharmacy
Atlanta, Georgia
**Janene Marshall, PharmD, BCPS**  
*Clinical Associate Professor of Pharmacy Practice*  
Chicago State University College of Pharmacy  
Chicago, Illinois

UAN: 0430-0000-15-007-H01-T  
Credits: 2.0 hours (0.20 ceu)

**GOAL**  
To increase the pharmacy technician’s awareness and understanding of the FDA regulatory approval processes for brand-name, generic, and over-the-counter drug products as well as to review drugs that gained FDA approval in 2014.

**EDUCATIONAL OBJECTIVES**  
Upon completion of this activity, participants should be better able to:  
1. Recall FDA approval processes for over-the-counter (OTC), generic, and prescription drugs;  
2. List prescription drug products that received FDA approval in 2014;  
3. Identify OTC medications that became available in 2014; and  
4. Discuss newly approved OTC and prescription drug products’ indications for use.

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**Knowing Where to Find Key Drug Information—Understanding Drug Resources**

**FACULTY**  
Michelle Bryson, PharmD, BCPS  
*Clinical Assistant Professor*  
Drug Information Group  
Department of Pharmacy Practice  
University of Illinois at Chicago, College of Pharmacy  
Chicago, Illinois

UAN: 0430-0000-15-008-H04-T  
Credits: 2.0 hours (0.20 ceu)

**GOAL**  
To improve the pharmacy technician’s ability to locate and utilize appropriate drug information resources in pharmacy practice in order to help the pharmacist respond to questions from consumers and other health care professionals in an effective, efficient manner.

**EDUCATIONAL OBJECTIVES**  
Upon completion of this activity, participants should be better able to:  
1. Define tertiary, secondary, and primary literature;  
2. Identify key features and limitations of common tertiary resources;  
3. List resources used to evaluate the effectiveness and quality of a website containing health information;  
4. Describe the FDA regulations for mobile medical applications; and  
5. Apply the systematic approach to answer a drug information request.
Home Health Monitoring Equipment: The Pharmacy Technician's Role

FACULTY
Jeannette Wick, RPh, MBA, FASCP
Visiting Professor
University of Connecticut, School of Pharmacy
Storrs, Connecticut

UAN: 0430-0000-15-009-H01-T
Credits: 2.0 hours (0.20 ceu)

GOAL
To improve the pharmacy technician’s ability to locate and utilize appropriate drug information resources in pharmacy practice in order to help the pharmacist respond to questions from consumers and other health care professionals in an effective, efficient manner.

EDUCATIONAL OBJECTIVES
Upon completion of this activity, participants should be better able to:
1. Discuss the importance of measurements for the diagnosis of disease as well as determining disease severity, progression, and treatment response;
2. Identify patients with specific medical conditions who might benefit from disease-specific monitoring supplies;
3. Discuss accuracy and limitations of 5 types of monitoring tools;
4. Distinguish between type 1 and type 2 diabetes mellitus; and
5. Evaluate the significance of patient-measured monitoring results and understand when to recommend a pharmacist consultation.

Pharmacy Calculations: Concentrations, Dilutions, and Drug Dosing

FACULTY
Casey J. Covrett, PharmD, BCPS
Medical Writer
Wilmington, North Carolina

UAN: 0430-0000-14-048-H04-T
Credits: 2.0 hours (0.20 ceu)

GOAL
The goal of this activity is to improve the pharmacy technician’s ability to solve math problems related to drug concentrations, dilutions, and individualized drug dosing.

EDUCATIONAL OBJECTIVES
Upon completion of this activity, participants should be better able to:
1. Solve pharmacy math problems using dimensional analysis and ratio-proportion methods of calculation;
2. Apply the method of alligation when mixing solutions or solids with different percent strengths;
3. Perform liquid and solid dilution calculations expressed in terms of weight-volume (w/v) and weight-weight (w/w); and
PHARMACY CALCULATIONS: UNITS OF MEASUREMENT AND METHODS OF CALCULATION

FACULTY
Casey J. Covrett, PharmD, BCPS
Medical Writer
Wilmington, North Carolina

UAN: 0430-0000-14-027-H04-T
Credits: 2.0 hours (0.20 ceu)

GOAL
The goal of this activity is to enhance the pharmacy technician’s familiarity with calculations performed in the traditional pharmacy practice setting.

EDUCATIONAL OBJECTIVES
Upon completion of this activity, participants should be better able to:
1. Determine quantities based on the Roman numeral system;
2. Solve pharmacy-based math problems using dimensional analysis, fractional equations, and ratio-proportion methods of calculation;
3. Accurately convert units between metric and household systems of measurement; and
4. Calculate a day’s supply of both oral solid and liquid dosage forms.

RISK EVALUATION MITIGATION STRATEGIES (REMS):
THE ROLE OF THE PHARMACY TECHNICIAN

FACULTY
Casey J. Covrett, PharmD, BCPS
Medical Writer
Wilmington, North Carolina

UAN: 0430-0000-14-010-H03-T
Credits: 2.0 hours (0.20 ceu)

GOAL
The goal of this activity is to increase pharmacy technicians’ awareness of medications with unique prescribing and dispensing requirements.

EDUCATIONAL OBJECTIVES
Upon completion of this activity, participants should be better able to:
1. Summarize the historical background of federal medication safety laws;
2. Explain the elements of Risk Evaluation Mitigation Strategies (REMS) programs;
3. List prescribing and dispensing requirements for select medications; and
4. Describe practical approaches to the challenges REMS programs impose on pharmacy workflow.
A REVIEW OF INTERVENTIONS FOR SMOKING CESSATION

FACULTY
Abimbola Farinde, PharmD
Clinical Pharmacist Specialist, Psychopharmacology and Geriatrics
Staff Pharmacist
Clear Lake Regional Medical Center
Webster, Texas

UAN: 0430-0000-14-009-H01-T
Credits: 2.0 hours (0.20 ceu)

GOAL
This activity is designed to inform and educate retail pharmacy personnel about the history of and rationale for smoking cessation. It includes discussions of the prevalence of tobacco use and the prevalence and incidence of smoking-related diseases, a presentation of U.S. Food and Drug Administration (FDA)-approved prescription-only and over-the-counter (OTC) medications and nonpharmacological treatments for smoking cessation, and a review of the role of pharmacy personnel in smoking cessation programs.

EDUCATIONAL OBJECTIVES
Upon completion of this activity, participants should be better able to:
1. Discuss the prevalence and incidence of smoking nicotine cigarettes;
2. List smoking-related diseases and associated health care outcomes;
3. Review currently available FDA-approved and off-label indications for smoking cessation and discuss nonpharmacological approaches to smoking cessation; and
4. Outline the role of pharmacy personnel in the promotion of smoking cessation.

PROTECTING PHARMACY INFORMATION FROM DISCOVERY

FACULTY
Kenneth R. Baker, BS Pharm, JD
Counsel/Pharmacy Consultant
Renaud Cook Drury Mesaros, PA
Phoenix, Arizona

UAN: 0430-0000-13-007-H03-T
Credits: 2.0 hours (0.20 ceu)

GOAL
The goal of this program is to study legal discovery and the role of the Patient Safety and Quality Improvement Act in fostering an atmosphere where quality information can be safely collected to improve outcomes.
EDUCATIONAL OBJECTIVES
Upon completion of this activity, participants should be able to:
1. Define the problems associated with legal discovery;
2. Compare the need for an open system of evidence subject to discovery with the problems of the need for confidentiality in continuous quality improvement (CQI) systems;
3. Explain the Federal Rules of Evidence as they pertain to discovery of pharmacy error data;
4. Identify when evidence of prior errors can be used in a pharmacy malpractice trial;
5. Define the concept of relevant evidence;
6. Contrast the need to maintain confidentiality with the need for an open trial;
7. Explain the purpose of the Patient Safety and Quality Improvement Act of 2005; and
8. List steps necessary to render information as privileged under the Patient Safety and Quality Improvement Act of 2005.

CE WEBINARS
OSHA BLOOD-BORNE PATHOGEN STANDARDS

DATE: FEBRUARY 24, 2016 6:00 PM – 7:00 PM EST
Presenter: Michael D. Hogue, PharmD
Chair and Professor
Department of Pharmacy Practice
Samford University
McWhorter School of Pharmacy
Birmingham, Alabama

GOAL:
The goal of this activity is to provide pharmacists and pharmacy technicians with the current processes and procedures regarding exposure to blood borne pathogens, with an in-depth discussion about the Occupational Safety and Health Administration (OSHA) requirements for minimizing exposure.

EDUCATIONAL OBJECTIVES:
Upon completion of this activity, participants should be better able to:
1. List common blood borne pathogens;
2. Discuss Occupational Safety and Health Administration (OSHA) requirements for minimizing exposure to blood borne pathogens;
3. Describe the components of an effective exposure control plan; and
4. Evaluate the features of various safer medical devices.
INTERVIEWING PATIENTS SEEKING NONPRESCRIPTION PRODUCTS FOR THE SELF-CARE OF HEALTH CONDITIONS

Date: March 30, 2016 6:00 PM – 7:00 PM EST

W. Steven Pray, PhD, DPh
Bernhardt Professor
Southwestern Oklahoma State University, College of Pharmacy
Weatherford, Oklahoma

GOAL
The goal of this activity will be to present the various components of a proper interview with patients seeking assistance with self-care situations, allowing the pharmacy technician to gather relevant information when assisting the pharmacist who is making a triage decision.

EDUCATIONAL OBJECTIVES:
Upon completion of this activity, participants should be better able to:
1. Identify the need to conduct a patient interview when patients request assistance with nonprescription products;
2. List and describe the components of a thorough patient interview, such as the condition under consideration, age, duration of condition, medical conditions that may contraindicate self-care, and the patient’s current medical regimen, and
3. Recognize the elements composing a concise summary of the patient’s information for verbal presentation to the pharmacist.

SYNTHETIC CANNABINOIDS

Date: April 27, 2016 6:00 PM – 7:00 PM EST

Karen Blumenschein, PharmD, MS Addiction Studies
Associate Professor
University of Kentucky College of Pharmacy and Martin School of Public Policy and Administration
Lexington, Kentucky

GOAL
This activity is designed to inform and educate pharmacy personnel about synthetic cannabinoids. Topics for discussion include a brief history of synthetic cannabinoids, the prevalence and biologic effects of synthetic cannabinoid use, treatment options for synthetic cannabinoid intoxication, and an overview of current synthetic cannabinoid regulation in the United States.

EDUCATIONAL OBJECTIVES:
Upon completion of this activity, participants should be better able to:
1. Discuss the prevalence of synthetic cannabinoid use in the United States;
2. Describe the adverse health effects that may result from the use of synthetic cannabinoid; and
3. Review the current regulatory challenges posed by synthetic cannabinoids.
**Written Patient Information for Prescription Drugs: Navigating the Confusion and Finding a Solution**

**Date:** May 25, 2016 6:00 PM – 7:00 PM EST  
Kimberly Burns, RPh, JD  
Professor  
LECOM School of Pharmacy  
Erie, Pennsylvania

**Goal**  
The goal of this activity is to provide the current, and expected future, framework for written patient information for prescription drugs; a topic that has caused confusion for both health care providers and patients.

**Educational Objectives:**  
Upon completion of this activity, participants should be better able to:  
1. Explain the history and evolution of written patient information;  
2. Distinguish among the different forms of written patient information;  
3. Identify the requirements for written patient information, according to the various practice settings;  
4. Recognize concerns with the current structure surrounding written patient information; and  
5. Review how written patient information may change in the future.

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**Diabetes Update Part 1: Injectable Agents**

**Date:** June 29, 2016 6:00 PM – 7:00 PM EST  
Josh Neumiller, PharmD, CDE, FASCP  
Vice-Chair & Associate Professor, Department of Pharmacotherapy  
Director of Experiential Services  
Editor-in-Chief, Diabetes Spectrum  
Washington State University, College of Pharmacy  
Spokane, Washington

**Goal**  
The goal of this activity is to update pharmacy technicians about existing injectable agents for the treatment of diabetes. This activity will differentiate between insulin and non-insulin injectable agents and highlight when and how these medications are used in clinical practice.

**Educational Objectives:**  
Upon completion of this activity, participants should be better able to:  
1. Differentiate between type 1 diabetes mellitus (T1DM) and type 2 diabetes mellitus (T2DM);  
2. Describe currently available insulin products and differentiate between basal and prandial insulins;  
3. Describe GLP-1 receptor agonists and how they differ clinically from insulin; and  
4. Discuss pramlintide and its role in the management of T1DM and T2DM.
**DATE: JULY 27, 2016 6:00 PM – 7:00 PM EST**

Josh Neumiller, PharmD, CDE, FASCP
Vice-Chair & Associate Professor, Department of Pharmacotherapy
Director of Experiential Services
Editor-in-Chief, Diabetes Spectrum
Washington State University, College of Pharmacy
Spokane, Washington

**GOAL**
The Goal of this activity is to update pharmacy technicians about the myriad of oral medications available for the treatment of type 2 diabetes. Key safety points will be highlighted that may trigger a pharmacy technician to refer a customer/patient for additional counseling.

**EDUCATIONAL OBJECTIVES:**
Upon completion of this activity, participants should be better able to:
1. Review currently available oral medications for the treatment of type 2 diabetes mellitus (T2DM);
2. Understand key safety information for oral medications used to treat T2DM; and
3. Describe “red flags” that should precipitate a referral to the pharmacist for further evaluation for patients taking oral medications for the treatment of T2DM.

**OSHA BLOOD-BORNE PATHOGEN STANDARDS**

**DATE: AUGUST 31, 2016 6:00 PM – 7:00 PM EST**

Presenter: Michael D. Hogue, PharmD
Chair and Professor
Department of Pharmacy Practice Samford University
McWhorter School of Pharmacy Birmingham, Alabama

**GOAL**
The goal of this activity is to provide pharmacists and pharmacy technicians with the current processes and procedures regarding exposure to blood borne pathogens, with an in-depth discussion about the Occupational Safety and Health Administration (OSHA) requirements for minimizing exposure.

**EDUCATIONAL OBJECTIVES:**
Upon completion of this activity, participants should be better able to:
1. List common blood borne pathogens;
2. Discuss Occupational Safety and Health Administration (OSHA) requirements for minimizing exposure to blood borne pathogens;
3. Describe the components of an effective exposure control plan; and
4. Evaluate the features of various safer medical devices.
**Alcohol-misuse in Older Adults: A “Hidden Epidemic”**

**DATE:** September 28, 2016 6:00 PM – 7:00 PM EST

Karen Blumenschein, PharmD, MS Addiction Studies  
Associate Professor  
University of Kentucky College of Pharmacy and Martin School of Public Policy and Administration  
Lexington, Kentucky

**GOAL**  
The goal of this activity is to update pharmacy personnel about the “hidden epidemic” of alcohol use disorder in the growing population of older adults. Topics include discussions of how alcohol affects older adults, health risks associated with undetected alcohol misuse in older patients, medications that exacerbate health risks when combined with alcohol, screening tools that can be used to detect alcohol misuse, and treatments for alcohol misuse in older adults.

**EDUCATIONAL OBJECTIVES:**  
Upon completion of this activity, participants should be better able to:  
1. Describe the health effects of alcohol misuse in older adults;  
2. Identify medications that increase health risks when used with alcohol;  
3. Describe tools that can be used to detect alcohol misuse in older adults; and  
4. Identify treatment options for older adults who misuse alcohol.

**OSHA Blood-borne Pathogen Standards**

**DATE:** November 16, 2016 6:00 PM – 7:00 PM EST

Presenter: Michael D. Hogue, PharmD  
Chair and Professor  
Department of Pharmacy Practice Samford University  
McWhorter School of Pharmacy Birmingham, Alabama

**GOAL**  
The goal of this activity is to provide pharmacists and pharmacy technicians with the current processes and procedures regarding exposure to blood borne pathogens, with an in-depth discussion about the Occupational Safety and Health Administration (OSHA) requirements for minimizing exposure.

**EDUCATIONAL OBJECTIVES:**  
Upon completion of this activity, participants should be better able to:  
1. List common blood borne pathogens;  
2. Discuss Occupational Safety and Health Administration (OSHA) requirements for minimizing exposure to blood borne pathogens;  
3. Describe the components of an effective exposure control plan; and  
4. Evaluate the features of various safer medical devices.
GOAL
Every prescription drug program uses managed care prescription drug management principles (e.g., Medicare, Medicaid, employer, and Insurance Exchange); so, pharmacy technicians should understand managed care principles to effectively and efficiently assist patients with the resolution of issues associated with the dispensing of prescription medications.

EDUCATIONAL OBJECTIVES:
Upon completion of this activity, participants should be better able to:
1. Understand the organization and risk-sharing principles of managed care;
2. Know the components of a managed prescription drug program;
3. Understand how managed prescription drug programs control prescription dispensing;
4. Know the common reasons for issues encountered in the community pharmacy and discuss resolution tactics;
5. Understand the opportunities for pharmacy technicians in managed care organizations; and
6. Understand information important to prepare for a career in managed care.