

## New Topics in Urgent Care Medicine

**Target Audience:** This continuing medical education (CME) program is intended for urgent care physicians, primary care physicians, resident physicians, nurse practitioners, and physician assistants currently practicing, or seeking proficiency, in urgent care medicine.

**Global Needs Assessment/Goal Statement:** Urgent care medicine requires proficiency in a broad area of clinical and procedural skills. This activity is intended to provide learners with best practice guidance for the evaluation and management of common urgent care presentations and challenges, and updates to guidelines that are relevant to urgent care practice.

### Learning Objectives (Overall)

Following completion of this program, participants will be able to:

1. Describe the principles and management of common systems-based urgencies and emergencies or occupational injury.
2. Appropriately manage disposition and follow-up of the urgent care patient.
3. Ensure safe evaluation and management of the urgent care patient by identifying “red flags” for conditions at high risk for complication and bad outcomes.
4. Recognize guideline updates that impact urgent care practice.



### Accreditation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Case Western Reserve University School of Medicine and Institute of Urgent Care Medicine. Case Western Reserve University School of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

Case Western Reserve University School of Medicine designates this enduring material for a maximum of 15 *AMA PRA Category 1 Credits*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Release Date: April 1, 2017 Expiration Date: March 31, 2020

## **Planning Committee**

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Assistant Clinical Professor of Family Medicine, Case Western Reserve University  
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Chief Medical Officer, WellStreet Urgent Care

Editor-In-Chief, JUCM, The Journal of Urgent Care Medicine

Cleveland, Ohio

*\*Member reported no financial interest relevant to this activity*

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## **Faculty**

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Trustee, Urgent Care College of Physicians (UCCOP)

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*\*Presenter reported no financial relationship with a commercial interest relevant to  
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### **Scott Burger, DO**

Co-Founder and Chief Medical Officer, ChoiceOne Urgent Care

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*\*Presenter reported no financial relationship with a commercial interest relevant to this activity.*

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*\*Presenter reported no financial relationship with a commercial interest relevant to this activity.*

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Principal, No-Resistance Consulting Group  
Board of Trustees, Urgent Care Foundation (UCAOA)

*\*Dr. Harnett is a speaker for Alere and a consultant, speaker and member of the Advisory Committee for Cempra and the CME Program determined there is no conflict of interest.*

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Urgent Care Program, Division of Emergency Medicine, Boston Children's Hospital

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**Disclosure Statement**

The policy of the Case Western Reserve University School of Medicine CME Program requires that the activity director, planning committee members and all activity faculty (that is, anyone in a position to control the content of the educational activity) disclose to the activity participants all relevant financial relationships with commercial interests. Where disclosures have been made, conflicts of interest, real or apparent, must be resolved. Disclosure will be made to activity participants prior to the commencement of the activity. Case Western Reserve University School of Medicine also requires that faculty make clinical recommendations based on the best available scientific evidence and that faculty identify any discussion of "off-label" or investigational use of pharmaceutical products or medical devices.

## Instructions

To receive a statement of credit for up to 15.0 *AMA PRA Category 1 Credit™* you must:

1. Register your name in association at [www.UrgentCareCME.com](http://www.UrgentCareCME.com) to assure your eligibility to receive CME credit for these lectures.
2. Print out the handouts and posttest files prior to reviewing the presentations.
3. Review the full content of the lecture. Lectures can be viewed in any order.
4. Review any supplementary materials.
5. Reflect on the content.
6. Successfully complete the online posttest for the lecture (receive a 80% passing grade) at [www.UrgentCareCME.com](http://www.UrgentCareCME.com). Each lecture has its own, individual posttest.
7. Complete the online evaluation and print out the CME statement of credit.

Your credits will be recorded by the Case Western Reserve University School of Medicine CME Program and made a part of your cumulative transcript.

### Estimated Time to Complete this Educational Activity

Including review of the supplementary material and completion of the posttest, this activity is expected to take 15.0 hours to complete.

### Fee

The fee for one (1) person to obtain CME credit for this module is included in the cost of the program.

### Medical Disclaimer

Medicine is an ever-changing science. As new research and clinical experience broaden our knowledge, changes in treatment and drug therapy are required. The author has checked with sources believed to be reliable in their efforts to provide information that is complete and generally in accord with the standards accepted at the time of publication.

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## **Curriculum**

- ☒ An Approach to Weakness and Fatigue in Urgent Care (1 hour)**
- ☒ Hyperglycemia in Urgent Care (1 hour)**
- ☒ Endocrine Emergencies in Urgent Care (1 hour)**
- ☒ Common Electrolyte Disturbances (1 hour)**
- ☒ Urgent Care Toxicology (1 hour)**
- ☒ Identifying and Managing Drug-Seeking Behavior (1 hour)**
- ☒ Psychiatric Presentations in Urgent Care (1 hour)**
- ☒ Urgent Care Pharmacology (1 hour)**
- ☒ Blood and Body Fluid Exposures and Post-Exposure Prophylaxis (1 hour)**
- ☒ Excessive Crying in Infants (1 hour)**
- ☒ Common, Undifferentiated Pediatric Rashes (1 hour)**
- ☒ Infectious Disease Update: Treatment and Guidelines for Common Infectious Diseases (1 hour)**
- ☒ Urgent Care Management of Emerging Infectious Diseases (From Ebola to Chikungunya) (1 hour)**
- ☒ Tick Borne Diseases and Urgent Care Management (1 hour)**
- ☒ ED Transfers: Strategies for Effective and Safe Management (1 hour)**

## **Curriculum Agenda**

### **An Approach to Weakness and Fatigue in Urgent Care: 1 hour**

**Faculty: Lee A. Resnick MD, FAAFP**

- Develop an approach to evaluation of fatigue and weakness in the urgent care setting
- Create a disposition strategy for patients with fatigue and weakness complaints
- Identify red flags that may represent more ominous causes of fatigue

### **Hyperglycemia in Urgent Care: 1 hour**

**Faculty: Jonathan Halpert, MD, FACEP, REMTP**

- Understand the urgent care provider's role in evaluation and management of hyperglycemia
- Learn how and when to appropriately initiate pharmacotherapy when managing hyperglycemia in the urgent care setting
- Identify the more threatening causes and presentations for hyperglycemia

### **Endocrine Emergencies in Urgent Care: 1 hour**

**Faculty: Scott Burger, DO**

- Identify common urgent care presentations that may reflect endocrine emergencies
- Manage disposition of endocrine urgencies and emergencies safely and effectively
- Describe the presentation of common endocrine emergencies

### **Common Electrolyte Disturbances: 1 hour**

**Faculty: Michael Weinstock, MD**

- Understand the basic pathophysiology of common electrolyte derangements
- Develop a method for evaluating and treating electrolyte disturbances in the urgent care setting
- Use testing available in most urgent care settings to properly evaluate electrolyte disturbances in the urgent care setting

### **Urgent Care Toxicology: 1 hour**

**Faculty: Michael Weinstock, MD**

- Identify the presentations consistent with accidental and intentional toxic ingestions
- Implement emergency treatment protocols that can be used in the urgent care setting
- Develop a decision-making paradigm that considers toxic ingestions in the urgent care setting

### **Identifying and Managing Drug-Seeking Behavior: 1 hour**

**Faculty: John Kulin, DO, FACEP**

- Quantify the impact of opiate addiction and abuse in the U. S.
- Implement strategies to assess possible drug-seeking behavior in the urgent care setting
- Eliminate judgments and assumptions from the evaluation of patients presenting with complaints of acute or chronic pain

### **Psychiatric Presentations in Urgent Care: 1 hour**

**Faculty: Jeffrey Collins, MD, MA**

- Identify the common psychiatric complaints seen in urgent care
- Effectively triage psychiatric patients to the proper level of care
- Coordinate with primary care, behavioral health and emergency services for the proper follow-up of patients with psychiatric complaints

### **Urgent Care Pharmacology: 1 hour**

**Faculty: Jasmeet Bhogal, MD**

- Understand the risks of polypharmacy, especially amongst the elderly
- Differentiate allergic reactions from adverse reactions and drug-drug interactions
- Eliminate, whenever appropriate, the co-administration of drugs known to interact

## **Blood and Body Fluid Exposures and Post-Exposure Prophylaxis: 1 hour**

**Faculty: Daniel J. Egan, MD**

- Implement protocols for post-exposure prophylaxis in instances of blood and body fluid exposure
- Understand the importance of timely post-exposure prophylaxis when indicated
- Establish an evidence-based approach to decision-making when evaluating occupational and non-occupational blood and body fluid exposure

## **Excessive Crying in Infants: 1 hour**

**Faculty: Toni Hogencamp, MD**

- Recognize the common causes of the inconsolable infant
- Identify red flags for high risk presentations of excessive crying in infants
- Implement a systems-based approach to the evaluation of excessive crying in infants

## **Common, Undifferentiated Pediatric Rashes: 1 hour**

**Faculty: Margot P. Shuman, MD**

- Identify and treat common dermatoses in children
- Identify dermatoses that reflect a high likelihood of systemic disease states
- Identify rashes that reflect true pediatric emergencies

## **Infectious Disease Update: Treatment Guidelines for Common Infectious Diseases: 1 hour**

**Faculty: Glenn Harnett, MD**

- Implement treatment guidelines for common infectious diseases seen in the urgent care setting
- Understand regional resistant patterns and their impact on antibiotic choice
- Eliminate unnecessary antibiotic use

## **Urgent Care Management of Emerging Infectious Diseases (From Ebola to Chikungunya): 1 hour**

**Faculty: Lee A. Resnick, MD, FAAFP**

- Understand the urgent care role in the screening, evaluation and treatment of emerging infectious diseases
- Understand recent emerging infectious diseases and their impact
- Implement protocols consistent with urgent care practice and the urgent care setting

## **Tick-Borne Diseases and Urgent Care Management: 1 hour**

**Faculty: Alan Sanders, MD**

- Develop an approach for the assessment of tick bites in the urgent care setting
- Understand early and late findings for Lyme disease
- Utilize treatment guidelines for effective prophylaxis of tick bites in endemic Lyme regions

## **ED Transfers: Strategies for Effective and Safe Management: 1 hour**

**Faculty: Lee A. Resnick, MD**

- Implement policy and procedure to support ED transfers from the urgent care setting
- Understand the factors that negatively impact communication in ED transfers
- Develop relationships that support improved ED transfers from urgent care facilities