



CDC's Public Health Grand Rounds Presents:
“Improving the Lives of People with Sickle Cell Disease”

Tuesday, November 15, 2016

1:00 p.m. – 2:00 p.m. EDT

Global Communications Center (Building 19)

Alexander D. Langmuir Auditorium

Roybal Campus

Sickle cell disease (SCD) describes a group of inherited disorders that can cause red blood cells to develop in an abnormal rigid sickle or crescent shape. These inflexible sickle-shaped cells can stick to the walls of blood vessels and block the flow of blood completely, leading to a lack of oxygen in surrounding tissues. In addition to sudden, excruciating pain events known as pain crises, SCD can lead to strokes, organ damage, joint and bone problems, and other severe health consequences. The effects of SCD begin around 5 or 6 months of age and continue over a person's lifetime. There is no national registry for SCD, but experts estimate that this disease affects approximately 100,000 people in the United States alone.

Over the past 30 years, treatments for SCD and its complications have improved average life expectancy, but these treatments can be costly and invasive. Additionally, healthcare needs and access to care may change over the course of a patient's life. Through continued collaboration with clinicians, researchers and the SCD community, we can identify critical gaps and better understand how these treatments can improve the lives of people with SCD.

This session of Public Health Grand Rounds discusses SCD, what we know, and how far we have come in just a few decades.

Presented By:

Mary Hulihan, DrPH

Health Scientist, Epidemiology and Surveillance Branch

Division of Blood Disorders

National Center on Birth Defects and Developmental Disabilities, CDC

“Using Data to Understand Gaps in Care and Outcomes”

Kim Smith-Whitley, MD

Medical Director, Sickle Cell Clinical Program

Children's Hospital of Philadelphia

Chief Medical Officer (Immediate Past)

Sickle Cell Association of America

“The Sickle Cell Community and Pediatric Care”

Kathryn Hassell, MD

Professor of Medicine, Division of Hematology

University of Colorado Denver

“Improving Outcomes for Adults with Sickle Cell Disease”

Jean Raphael, MD, MPH

Associate Professor, Pediatrics

Baylor College of Medicine

Director, Center for Child Health Policy and Advocacy

Texas Children's Hospital

“A Health Policy Approach to Sickle Cell Disease”

Facilitated By:

John Iskander, MD, MPH, *Scientific Director, Public Health Grand Rounds*

Phoebe Thorpe, MD, MPH, *Deputy Scientific Director, Public Health Grand Rounds*

Susan Laird, MSN, RN, *Communications Director, Public Health Grand Rounds*

For CDC staff unable to attend the event:

The session will be available on [IPTV](#).

For non-CDC staff interested in viewing the session:

A live external webcast will be available via the Webcast Links section of our [website](#). For individuals who are unable to view the session during the scheduled time, a video of the session will be posted to our [archives](#) 2-3 days after the presentation.

For non-CDC staff who wish to attend in person:

Due to security measures at CDC's Roybal campus, non-CDC staff who wish to attend these sessions in person must have prior clearance and a U.S. state-issued photo ID (e.g., driver's license, US passport). Names of non-CDC staff (both domestic and international) who wish to attend in person should be submitted to the [Grand Rounds Team](#). Please note that all information for international visitors must be submitted at least 10 business days in advance.

For individuals requiring reasonable accommodations:

It is the policy of CDC to provide reasonable accommodations (RA) for qualified individuals with disabilities to ensure their full inclusion in CDC-sponsored events. Employees are asked to submit RA requests at least **5 business days prior to the event**. Please e-mail the request to grandrounds@cdc.gov.

Grand Rounds is available for Continuing Education.

ALL Continuing Education hours for Public Health Grand Rounds (PHGR) are issued online through the [CDC/ATSDR Training and Continuing Education Online system](#). If you have questions, [e-mail](#) or call Learner Support at 1-800-418-7246 (1-800-41TRAIN).

Those who attend PHGR either in person, Envision, IPTV, or “web on demand” and who wish to receive continuing education must complete the online seminar evaluation. Thirty days from the initial seminar the course number will change to WD2346 and will be available for continuing education until February 18, 2018. The course code for PHGR is **PHGR10**.

Target Audience: Physicians, nurses, epidemiologists, pharmacists, veterinarians, certified health education specialists, laboratorians, others

Objectives:

1. List key measures of burden of disease involving morbidity, mortality, and/or cost.
2. Describe evidence-based preventive interventions and the status of their implementations.
3. Identify one key prevention science research gap.
4. Name one key indicator by which progress and meeting prevention goals is measured.

CE certificates can be printed from your computer immediately upon completion of your online evaluation. A cumulative transcript of all CDC/ATSDR CE's obtained through the TCE Online System will be maintained for each user. We hope that this will assist CDC staff and other public health professionals to fulfill the requirements for their professional licenses and certificates.

For Continuing Medical Education for Physicians (CME):

The Centers for Disease Control and Prevention is accredited by the Accreditation Council for Continuing Medical Education (ACCME®) to provide continuing medical education for physicians.

The Centers for Disease Control and Prevention designates this live activity for a maximum of 1 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

For Continuing Nursing Education for Nurses (CNE):

The Centers for Disease Control and Prevention is accredited as a provider of Continuing Nursing Education by the American Nurses Credentialing Center's Commission on Accreditation.

This activity provides 1 contact hours.

For Continuing Education Contact Hours in Health Education (CECH):

Sponsored by the Centers for Disease Control and Prevention, a designated provider of continuing education contact hours (CECH) in health education by the National Commission for Health Education Credentialing, Inc. This program is designed for Certified Health Education Specialists (CHES) and/or Master Certified Health Education Specialists (MCHES) to receive up to 1.0 total Category I continuing education contact hours. Maximum advanced level continuing education contact hours available are 0. CDC provider number **98614**.

IACET Continuing Education Units (CEU):

The Centers for Disease Control and Prevention is authorized by IACET to offer 0.1 CEU's for this program.



For Continuing Pharmacy Education (CPE):

(For EV2346 (SC) - live course)

The Centers for Disease Control and Prevention is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. This program is a designated event for pharmacists to receive 0.1 CEUs in pharmacy education. The Universal Activity Number is 0387-0000-16-109-L04-P.

(For WD2346 -Web on demand)

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Course Category: This activity has been designated as knowledge-based.

Once credit is claimed, an unofficial statement of credit is immediately available on TCEOnline. Official credit will be uploaded within 60 days on the NABP/CPE Monitor.

For AAVSB/RACE:

This program was reviewed and approved by AAVSB RACE program for 1.0 hours of continuing education. Participants should be aware that some boards have limitations on the number of hours accepted in certain categories and/or restrictions on certain methods of delivery of continuing education. Please contact the AAVSB RACE program if you have any comments/concerns regarding this program's validity or relevancy to the veterinary profession.

For Certified Public Health:

The Centers for Disease Control and Prevention is a pre-approved provider of Certified in Public Health (CPH) recertification credits and is authorized to offer 1 CPH recertification credits for this program.

CDC is an approved provider of CPH Recertification Credits by the National Board of Public Health Examiners. Effective October 1, 2013, the National Board of Public Health Examiners (NBPHE) accepts continuing education units (CEU) for CPH recertification credits from CDC. Please select CEU as your choice for continuing education when registering for a course on TCEOnline. Learners seeking CPH should use the guidelines provided by the NBPHE for calculating recertification credits. For assistance please contact NBPHE at <http://www.NBPHE.org>.

There is no cost for this program.

Disclosure: In compliance with continuing education requirements, all presenters must disclose any financial or other associations with the manufacturers of commercial products, suppliers of commercial services, or commercial supporters as well as any use of unlabeled product(s) or product(s) under investigational use.

CDC, our planners, presenters, and their spouses/partners wish to disclose they have no financial interests or other relationships with the manufacturers of commercial products, suppliers of commercial services, or commercial supporters. Planners have reviewed content to ensure there is no bias.

Content will not include any discussion of the unlabeled use of a product or a product under investigational use.

CDC did not accept commercial support for this activity.