



Improving Lung Health of Patients with Sickle Cell Disease (SCD): Alabama Perspective

Satellite Conference and Live Webcast

Wednesday, April 13, 2022 12:00-1:30 p.m. (Central Time)

1:00-2:30 p.m. (Eastern) • 11:00 a.m.-12:30 p.m. (Mountain) • 10:00-11:30 a.m. (Pacific)

Sickle Cell Disease (SCD) is the most common life-shortening autosomal recessive disorder that predominantly affects African Americans.

Alabama has one of the highest rates of SCD according to the CDC. Acute Chest Syndrome (ACS) is the most common cause of death in children with Sickle Cell Disease (SCD) and accounts for 25% of the mortality in SCD. ACS requires admission to the hospital with an average stay of 10 days in children and 13 days in adults. It peaks in childhood, affecting 25.3% of children with a death rate of 1.1% per episode.

In adults, the mortality rate of ACS is even higher at 4.3% per episode. Recurrent ACS leads to pulmonary fibrosis and restrictive lung disease which adds to the morbidity related to SCD and increases the odds of recurrence due to worsened oxygenation. Most of the morbidity and mortality burden of SCD occurs from ACS and other pulmonary complications of SCD such as asthma, pulmonary hypertension, and sleep disordered breathing. There are promising curative therapies of SCD which should enhance efforts to maintain lung health in this population.



Region IV Public Health
Training Center

PROGRAM OBJECTIVES

1. List pulmonary complications of sickle cell disease (SCD).
2. Discuss the impact of pulmonary complications on patients with SCD, including patient's perspectives.
3. Describe efforts to improve the lung health of children with SCD in Alabama using Children's of Alabama and the University of Alabama at Birmingham (UAB) as examples.

FACULTY

Ammar Saadoon Alishlash, MD

Assistant Professor, Pediatric Pulmonary Medicine
UAB Department of Pediatrics
Division of Pediatric Pulmonary and Sleep Medicine

Lauren Burkes-Moore

Young lady with SCD
Co-presenter who will discuss complications of SCD from her own perspective

CONFERENCE DETAILS:

Target Audience: Nurses, social workers, health educators, pediatricians, school counselors, school nurses, respiratory therapy staff, primary care providers and other healthcare professionals and administrators who may provide services to adult and pediatric patients with SCD and their families

Continuing Education: Nurses 1.5 hours and social workers 1.5 hours

**Non-ADPH employees are charged a fee to receive CE Certificates. Additional information can be found at www.alabamapublichealth.gov/alphntn*

Registration: www.alabamapublichealth.gov/alphntn

Technical Information: To receive complete technical information you must register at www.alabamapublichealth.gov/alphntn.

Webcast - Watch with RealPlayer or Windows Media Player. Also available on Facebook and Youtube Live.

Test your computer with the "test connection link" at www.alabamapublichealth.gov/alphntn.

Audio - To listen by phone, call 1-888-557-8511. Enter access code 972-1530 #. Press # again to listen to the conference.

On Demand - Available 2-3 business days after the live broadcast from the On Demand page of our website.

Conference Materials: Posted on our website approximately one week before the program for registered participants.

Conference Details Questions: Call: 334-206-5618 | Email: alphntn@adph.state.al.us

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The Alabama Department of Public Health is an approved provider of continuing social work education by the Alabama Board of Social Work Examiners.

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