

# PUBLIC HEALTH WEBINAR SERIES ON BLOOD DISORDERS

BRINGING SCIENCE INTO PRACTICE

The Division of Blood Disorders is proud to offer this webinar series, providing evidence-based information on new research, emerging issues of interest in blood disorders, as well as innovative approaches to collaboration.

## EVALUATION AND MANAGEMENT OF FERTILITY IN PEOPLE WITH THALASSEMIA

NOVEMBER 5, 2020 • 2:00–3:00PM ET



### **Farzana Sayani, MD, MSc**

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Hospital of the University of Pennsylvania  
Philadelphia, Pennsylvania

Director, Penn Comprehensive  
Adult Thalassemia Program

This webinar is free and open to public health professionals, clinicians, and researchers who desire more information about thalassemia. Advance registration is required, and the number of attendees is limited.

**PLEASE PREREGISTER HERE:**  
[HTTP://BIT.LY/THALFERTILITY](http://bit.ly/thalfertility)

**For more information please contact  
Cynthia Sayers:** [cay1@cdc.gov](mailto:cay1@cdc.gov)

The thalassemia syndromes are a common genetic disorder due to hemoglobin gene deletions leading to severe anemia. Long-term transfusions, the mainstay of therapy in transfusion-dependent thalassemia, lead to significant tissue iron overload and increased morbidity and mortality. Improved comprehensive care, iron chelators, and improved monitoring methods have helped decrease complications due to iron overload.

As care is improving, more individuals with thalassemia are reaching adulthood with aspirations to start a family of their own. However, infertility is one of the major complications of iron overload in patients with thalassemia.

In this webinar, Dr. Sayani will review the causes of infertility in individuals with thalassemia. She will also discuss methods to preserve and evaluate fertility, management options for infertility, and other options available to start a family.

### **LEARNING OBJECTIVES:**

- 1. List the causes of infertility in individuals with thalassemia.**
- 2. Identify the key method to preserve fertility in individuals with thalassemia.**
- 3. Describe the treatment options for individuals with thalassemia who suffer from infertility.**