

For more information on sickle cell disease resources, please visit:

National Heart, Lung, and Blood Institute—Sickle Cell Disease

nhlbi.nih.gov/health/health-topics/topics/sca/

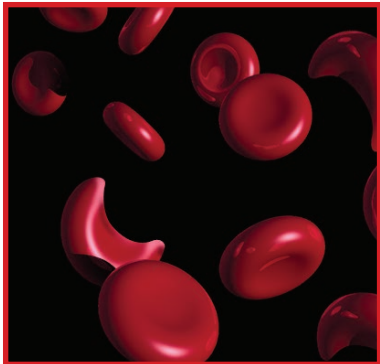
Centers for Disease Control and Prevention – Sickle Cell Disease

cdc.gov/ncbddd/sicklecell

National Human Genome Research Institute—Learning About Sickle

genome.gov/10001219

Clinicaltrials.gov



For more information, contact us at:
301-451-3997
SCDLegUlcerStudy@mail.nih.gov

Study location:
National Institutes of Health
Clinical Center
Bethesda, Maryland

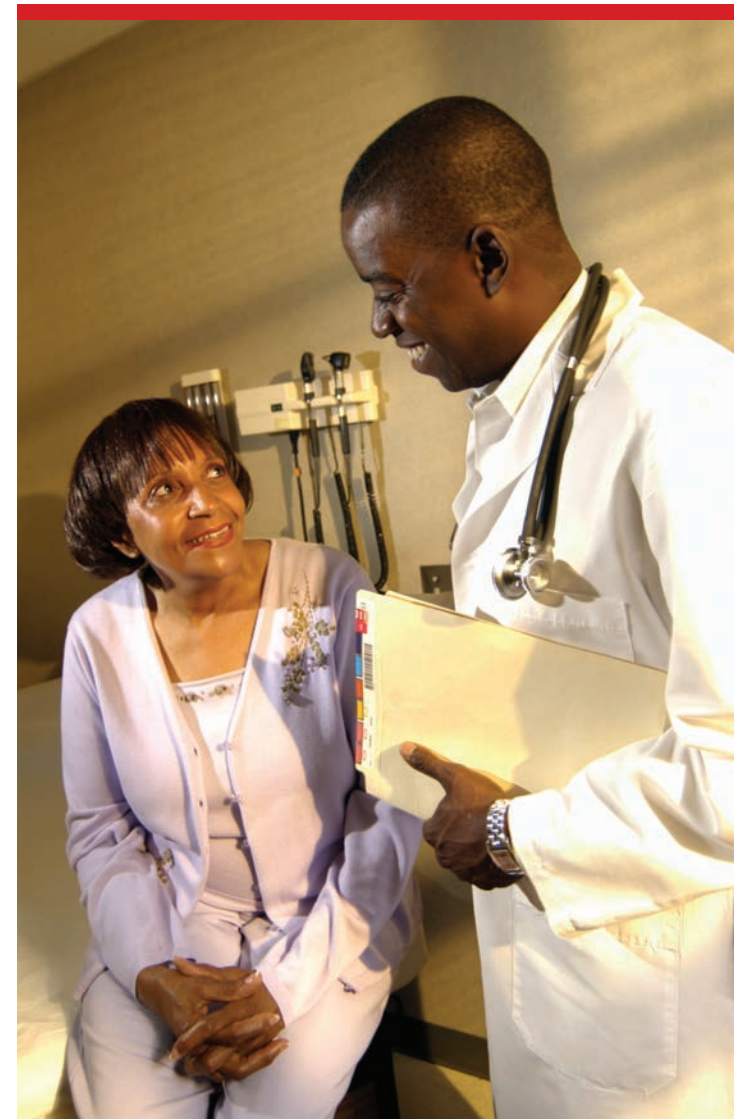
nih.gov

clinicalcenter.nih.gov

Recruiting participants
for the



Insights into the Skin Microbiome and
Environmental Contributions to Health and
Formation of Leg Ulcers in Individuals
Living with Sickle Cell Disease



The purpose of this study is to obtain insights into the role of the skin microbiome in the delayed healing of leg ulcers in sickle cell disease and the role of genomic, social, and physical environmental factors in better health and clinical complications of sickle cell disease.



Who should participate?

Are you living with sickle cell disease (SCD)? Does it impact your life? Interested in helping researchers understand how your environment and genome may impact your sickle cell disease? Interested in helping researchers to understand sickle cell disease leg ulcers? Interested in helping researchers identify new treatments to improve the health of others with the disease? If so you may want to participate in this study.

We will utilize new sequencing technology and social science approaches to identify microbiome, genomic, and environmental contributions to sickle cell disease with a special emphasis on the factors that cause a subset of SCD patients to develop leg ulcers.

More broadly, we are seeking to understand how the combinations of factors (i.e., microbiome, genetic modifiers, environmental and social indicators) influence disease progression and leg ulcer formation and health. Your participation may contribute to the development of new treatments and interventions.



Why should I participate?

You will receive compensation for participating in this study.

Your involvement may advance research efforts to:

- Better understand the cause(s) of leg ulcers in individuals with SCD,
- Identify novel treatment strategies for addressing delayed healing, and
- Also identify effective interventions for coping with the complication.

Please consider participating in this study. If you have any questions, feel free to call or email us. See the back of the brochure for contact information.



You may be able to participate if:

- You have sickle cell disease
- You are over 18 years of age

What you can expect:

- Sampling of skin microbiome
- Leg ulcer, wound care treatment if needed
- Survey questions about your health care experiences, social and physical environment and current quality of life
- Blood sample will be collected to study your current health and your genetic variants important in sickle cell disease
- Study will take place at the National Institutes of Health Clinical Center in Bethesda, Maryland
- Compensation will be provided for time and travel picture