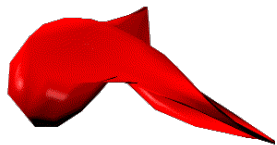


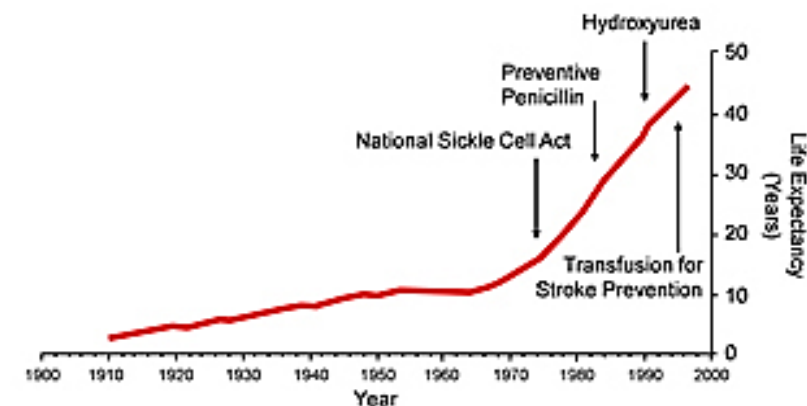
Sickle Cell Disease

- Sickle cell disease is a group of inherited red blood cell disorders ([erythrocytes](#))
- Affects a protein inside the red blood cells called [hemoglobin](#).
- Hemoglobin carries oxygen through the body.
- If you have sickle cell disease, your red blood cells are crescent or “**sickle**” shaped. These cells do not bend and move easily and can block blood flow to the rest of your body.
- Sickle-shaped red cells interrupt blood flow by blocking small blood vessels. Tissue that has no blood flow is damaged and causes pain



Sickle Cell Care

- We provide comprehensive patients of all ages with sickle cell disease. Care for **> 3000 patients** spread across western Kenya.
- We support collaborating facilities in Western Kenya with SCD screening and Diagnosis.
- Medication Support: Hydroxyurea, Penicillin V, Folic Acid, Proguanil, Analgesics and Vaccines (Pneumococcal and Meningococcal Vaccines) – *Through the Revolving Fund Pharmacy (RFP)*.



Sickle Cell Education and Training

- Since 2010, we continue to build capacity for healthcare workers in Kenya on diagnosis, treatment and supportive care for patients with sickle cell.
- Reached > 5000 Healthcare workers with SCD knowledge.



Sickle Cell Research

- Pilot study to validate sickle scan a sickle cell disease point of care screening test.
- Enhancing Preventive Therapy of Malaria In children with Sickle cell anemia in East Africa (EPiTOMISE): A randomized trial of daily Proguanil, monthly Sulfadoxine/Pyrimethamine-Amodiaquine, or monthly Dihydroartemisinin-Piperaquine for the prevention of malaria in children with sickle cell anemia in Homa Bay, Kenya EPiTOMISE Study. (<https://clinicaltrials.gov/ct2/show/NCT03178643>).
- Validation of HemotypeSC Diagnostic test for Sickle Cell Disease in neonates, infants, and children under five years of age.

Sickle Cell Awareness & Advocacy

- We work with a network of patients and families looking to advocate, educate and help people living with or who are affected by sickle cell disease.
- SCD Priority: awareness, treatment, funding-raising, patient and caregiver dialogues on valuable information



Together We Can Campaign

VIRTUAL DIALOGUE SESSION

Importance of Newborn Screening In the Community

SPEAKER

Prof. Constance Tenge
Associate Professor of Child Health and Paediatrics
Moi University, College of Health Sciences, School of Medicine.

MODERATORS

Samuel Mbunya
Advocacy Relations Consultant
Hemophilia and Sickle Cell Disease Programs
Indiana Hemophilia & Thrombosis Center, Inc.

Eunice Owino
Executive Director
Sickle Cell Uhuru Trust

zoom
<https://zoom.us/j/92465477509>

September 20
Wednesday
8th September 2021

6:00 PM - Kenya
4:00 PM - Nigeria

September is **SICKLE CELL AWARENESS MONTH**

Join us Spread Awareness
visit <https://sicklecelldisease.africa/take-action>