

WHAT IS SICKLE CELL DISEASE?

Sickle cell disease is an inherited blood disorder that can cause anemia, severe pain, infections, organ damage, and stroke.

PATIENTS MAY USE:

- **Pain Medications**
To manage **pain crises**.
- **Blood Transfusions**
To help prevent **complications** or treat **severe anemia**.



Pain Crises



Anemia



Acute Chest Syndrome

FDA-APPROVED MEDICATIONS

Medication	Ages	Form
FDA-approved medications that are designed to help prevent the common complications of SCD in children and adults.		
Hydroxyurea	2+	Pills taken by mouth or dissolved in water
L-glutamine oral powder	5+	Powder mixed with food or drink
Voxelotor	4+	Pills taken by mouth or mixed in a drink
Crizanlizumab-tmca	16+	Intravenous (through the vein)
FDA-approved medications that are designed to correct the root cause of the disease.		
Lovotibeglogene autotemcel and exagamglogene autotemcel	12+	Gene therapy

Currently, the only cure for sickle cell disease is a bone marrow or stem cell transplant. However, more research is being done to determine if gene therapy can cure sickle cell disease.



THERE IS **NO** single best treatment for **SICKLE CELL DISEASE.**

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Talk to your health care provider to find a treatment that is right for **YOU** or **YOUR CHILD.**