Your doctor may recommend one or more medicines to prevent problems from sickle cell disease. Use this chart to compare your options. Work with your care team to find the best choice for you.

### Preventive Medicines for Sickle Cell Disease

#### Generic name
- Hydroxyurea
- Voxelotor
- L-glutamine
- Crizanlizumab

#### Brand name
- Droxia®, Hydrea® or Siklos®
- Oxbryta®
- Endari®
- Adakveo®

#### What age can a person start it?
- 9 months
- 4 years
- 5 years
- 16 years

#### How can it help?
- Pain
- Acute chest
- Blood transfusions
- ER visits
- Hospital stays
- Lifespan
- Anemia
- Energy
- Hospital stays

#### How does a person take it?
- By mouth (liquid or capsule)
- By mouth (liquid, pill, or dissolvable tablet in water)
- By mouth (powder mixed in liquid)
- By IV infusion (at a clinic or hospital)

#### How often does a person take it?
- 1x/day
- 1x/day
- 2x/day
- 1x/month

#### What side effects can happen?
- Decreased white blood cells (Less common: dark fingernails, headaches)
- Headaches
- Nausea
- Diarrhea
- Belly pain (Less common: fever, tiredness, rash)
- Constipation
- Nausea
- Headache
- Belly pain
- Cough (Less common: pain in back, chest, legs, arms)
- Nausea, fever, or pain, during or just after getting the medicine (Less common: diarrhea, itching, tiredness)

#### How long has it been used for sickle cell disease?
- Since 1998
- Since 2019
- Since 2017
- Since 2019