

# 4-STEP SICKLE CELL SCREENING

## T E S T

### Test

1. All patients **ages 1-16** who do not know their genotype
2. Adult with bone pain or hemolytic anaemia where sickle cell disease is suspected

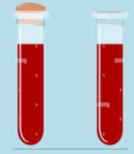
By requesting **Sickling Test**. If positive, follow up with **Hb-Electrophoresis** to know genotype



### Essential labs

Required for starting **Hydroxyurea** should be done if **genotype SS**

1. Haematology – FBC (full blood count), Reticulocyte count
2. Chemistry – LFT (Liver Function Test), BUE + Cr (Renal Function Test)
3. Supportive Tests – G6PD, Retroscreen, Pregnancy test (Female in Puberty)



### Start Routine Medications

1. Single daily dose of
  - a. Multivitamins/Zincovit
  - b. Folic acid
2. Penicillin V (Phenoxymethyl penicillin)
  - a. **1-4years:** 125mg bid
  - b. **5-17years:** 250mg bid



### Take Patient For Booking

1. Age 1-16 (book at **Children's Ward**)
2. >16years (book at **OPD**)



SO OPARE

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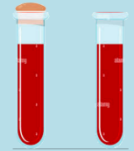
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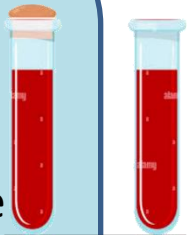
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