

Copilot

To create a comprehensive database table for sickle cell disease (SCD) patients that supports a monitoring dashboard, you should include attributes that capture both clinical and demographic information. Here are some key attributes to consider:

1. Patient Information:

- **Patient ID:** Unique identifier for each patient.
- **Name:** Full name of the patient.
- **Date of Birth:** Patient's birthdate.
- **Gender:** Male, Female, Other.
- **Contact Information:** Phone number, email, address.

2. Medical History:

- **Diagnosis Date:** Date when SCD was diagnosed.
- **Genotype:** Type of sickle cell disease (e.g., HbSS, HbSC, HbS β -thalassemia).
- **Family History:** Family history of SCD or other genetic disorders.

3. Clinical Data:

- **Hemoglobin Levels:** Regular measurements of hemoglobin.
- **Fetal Hemoglobin (HbF) Levels:** Percentage of HbF.
- **Pain Episodes:** Frequency and severity of pain crises.
- **Transfusion History:** Dates and details of blood transfusions.
- **Hydroxyurea Use:** Dosage and adherence to hydroxyurea treatment.
- **Organ Function Tests:** Results of liver, kidney, and lung function tests.
- **Complications:** Record of complications such as stroke, acute chest syndrome, or organ damage.

4. Treatment and Medications:

- **Current Medications:** List of medications and dosages.
- **Treatment Plans:** Details of ongoing treatment plans.
- **Vaccination Status:** Record of vaccinations received.

5. Monitoring and Follow-up:

- **Appointment Dates:** Scheduled and past appointments.
- **Lab Test Results:** Results of routine and special lab tests.
- **Vital Signs:** Regular measurements of blood pressure, heart rate, etc.

6. Lifestyle and Social Factors:

- **Diet and Nutrition:** Dietary habits and nutritional status.
- **Exercise and Physical Activity:** Level of physical activity.
- **Psychosocial Factors:** Mental health status, support systems, and quality of life assessments.

7. Emergency Contacts:

- **Primary Contact:** Name and contact information of the primary emergency contact.
- **Secondary Contact:** Name and contact information of a secondary emergency contact.

These attributes will help in creating a detailed and useful database for monitoring SCD patients and can be used to generate insightful dashboards for healthcare providers.

Is there any specific feature or data point you want to focus on for the dashboard?