

in a child with SCD?

Deficient Fluid Volume: Defining Characteristics

Dry mucous membranes

Loss of skin turgor

Sunken eyes

No or diminished tears

Sunken fontanel

Dark urine

Rapid, thready pulse

Rapid breathing

Nursing Diagnosis

Deficient fluid volume

Nursing Interventions and Rationales

What are the most appropriate nursing interventions for dehydration in a young child with sickle cell anemia (SCA) who is experiencing a vasoocclusive crisis (VOC)?

Nursing Interventions	Rationales
Calculate recommended daily fluid intake (1600 ml/m ² /day) and base child's fluid requirements on this amount.	To ensure adequate hydration
Increase fluid intake above minimum requirements during physical exercise or emotional stress and during a crisis.	To compensate for additional fluid needs
Give parents written instructions regarding specific quantity of fluid required daily.	To encourage compliance
Encourage child to drink.	To ensure adequate hydration
Increase fluid intake above minimum requirements during physical exercise or emotional stress and during a crisis.	To compensate for additional fluid needs

Expected Outcome

Donny will receive appropriate hydration and will demonstrate electrolyte and fluid stability.