

## Q-METRIC Sickle Cell Disease Measure 3: Appropriate Antibiotic Prophylaxis for Children with Sickle Cell Disease

Graphics for Section I. Basic Measurement Information

### I.G. Numerator Statement

**Table 1: Codes to Identify Sickle Cell Disease**

Condition Name	Hemoglobin Screening Result	ICD-9 Code(s)
<a href="#">Hb SS-disease (sickle cell anemia)</a>	Hb F,S	282.6, 282.61, 282.62

**Table 2: Penicillins and Erythromycins for Sickle Cell Disease Antibiotic Prophylaxis**

Description	Prescription	
Aminopenicillins	Amoxicillin	Ampicillin
Beta-lactamase inhibitors	Amoxicillin-clavulanate	
Macrolides	Azithromycin Erythromycin Erythromycin estolate	Erythromycin ethylsuccinate Erythromycin stearate
Miscellaneous antibiotics	Erythromycin-sulfisoxazole	Vancomycin
Natural penicillins	Penicillin V potassium	Penicillin

### I.H. Numerator Exclusions (as appropriate)

**Table 3: Excluded Initial Sickle Cell Disease Hemoglobin Screening Results**

Condition Name	Hemoglobin Screening Result	ICD-9 Code(s)
<a href="#">Hb beta zero-thalassemia</a>	Hb F only	282.49
<a href="#">Hb S beta-thalassemia</a>	Hb F,S,A	282.41, 282.42
<a href="#">Hb C-disease</a>	Hb F,C	282.7
<a href="#">Hb C beta-thalassemia</a>	Hb F,C,A	282.49
<a href="#">Hb D beta-thalassemia</a>	Hb F,D,A	282.49
<a href="#">Hb E beta-thalassemia</a>	Hb F,E,A	282.49
<a href="#">Hb E-disease</a>	Hb F,E	282.7
<a href="#">Hb H-disease</a>	Hb F,H	282.49
<a href="#">Hb SC-disease</a>	Hb F,S,C	282.63, 282.64
<a href="#">Hb SD-disease</a>	Hb F,S,D	282.68, 282.69
<a href="#">Hb SE-disease</a>	Hb F,S,E	282.68, 282.69
<a href="#">Hb C-carrier</a>	Hb F,A,C	282.7
<a href="#">Hb D-carrier</a>	Hb F,A,D	282.7
<a href="#">Hb E-carrier</a>	Hb F,A,E	282.7
<a href="#">Hb S (sickle)-carrier</a>	Hb F,A,S	282.5