

Table 1: Codes to Identify Sickle Cell Disease

Condition Name	Hemoglobin Screening Result	ICD-9 Code(s)
Hb beta zero-thalassemia	Hb F only	282.49
Hb S beta-thalassemia	Hb F,S,A	282.41, 282.42
Hb SC-disease	Hb F,S,C	282.63, 282.64
Hb SD-disease	Hb F,S,D	282.68, 282.69
Hb SS-disease (sickle cell anemia)	Hb F,S	282.6, 282.61, 282.62

Table 2: Blood Tests for the Outpatient Management of Sickle Cell Disease

Definitions	Procedure Code	Short Description	Long Description
Pulse oximetry reading	0Y4306	Pulse oximetry	Pulse oximetry
Complete blood count	85025	Complete CBC w/auto diff WBC	Blood count; complete (CBC), automated (HGB, HCT, RBC, WBC and platelet count) and automated differential WBC count
Complete blood count	85027	Complete CBC automated	Blood count; complete (CBC), automated (HGB, HCT, RBC, WBC and platelet count)
Complete blood count	85014	Hematocrit	Blood count; hematocrit (HCT)
Complete blood count	85018	Hemoglobin	Blood count; hemoglobin (HGB)
Reticulocyte count	85044	Manual reticulocyte count	Blood count; reticulocyte manual
Reticulocyte count	85045	Automated reticulocyte count	Blood count; reticulocyte automated
Reticulocyte count	85046	Reticyte/HgB concentrate	Blood count; reticulocytes, automated, including one or more cellular parameters (e.g., reticulocyte hemoglobin content (CHR), immature reticulocyte fraction (IRF), reticulocyte volume (MRV), RNA content), direct measurement

Table 3: Codes to Identify Outpatient Care

Description	CPT	HCPCS	ICD-9-CM Diagnosis
Office or other outpatient services	99201-99205, 99211-99215, 99241-99245		
Preventive medicine	99381-99385, 99391-99395, 99401-99404, 99411-99412, 99420, 99429	G0438, G0439	
General medical Examination			V20.2, V70.0, V70.3, V70.5, V70.6, V70.8, V70.9

Table 4: Excluded Sickle Cell Disease Diagnosis Codes

Condition Name	Hemoglobin Screening Result	ICD-9 Code(s)
Hb C beta-thalassemia	Hb F,C,A	282.49
Hb D beta-thalassemia	Hb F,D,A	282.49
Hb E beta-thalassemia	Hb F,E,A	282.49
Hb C-disease	Hb F,C	282.7
Hb E-disease	Hb F,E	282.7
Hb H-disease	Hb F,H	282.49
Hb SE-disease	Hb F,S,E	282.68, 282.69
Hb C-carrier	Hb F,A,C	282.7
Hb D-carrier	Hb F,A,D	282.7
Hb E-carrier	Hb F,A,E	282.7
Hb S (sickle)-carrier	Hb F,A,S	282.5