

### Applies to Genotypes: SS and Sβ<sup>0</sup> (and other "severe" genotypes<sup>1</sup>)

Minimum suggested frequency of visits, assessments, and labs.

Item	0-1	>1 - 2	>2 - 3	>3 - 4	>4 - 5	>5 - 6	>6 - 7	>7 - 8	>8 - 9	>9 - 10	>10 - 11	>11 - 12	>12 - 13	>13 - 14	>14 - 15	>15 - 16	>16 - 17	>17 - 18	>18 - 19	>19 - 20	>20 - 21	
<b>Clinic Visits</b>																						
Frequency (number)	q3m (4)	q4m (3)	q4m (3)	q4m (3)	q4m (3)	q4m (3)	q6m (2)	q6m (2)	q6m (2)	q6m (2)	q6m (2)	q6m (2)	q6m (2)	q6m (2)	q6m (2)	q6m (2)	q6m (2)	q6m (2)	q6m (2)	q6m (2)	q6m (2)	q6m (2)
<b>Education &amp; counseling</b>																						
SCD age-specific	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Genetic counseling	X														X							X
HPMP						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
<b>Physical assessments</b>																						
Oxygen saturation	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Blood pressure	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Growth assessment	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Pubertal assessment												X	X	X	X	X	X	X	X	X	X	
<b>Medications</b>																						
Penicillin prophylaxis	X	X	X	X	X																	
Begin/offer hydroxyurea	X (9mo)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Discuss contraception															X	X	X	X	X	X	X	X
<b>Immunizations</b>																						
PPV-23			X			X																X
PCV-13 <sup>2</sup>	4 doses																					
Menactra			2 doses			X					X					X						X
Trumenba											3 doses											
Hib <sup>2</sup>	4 doses																					
Influenza	2 doses	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
<b>Imaging</b>																						
TCD screening		schedule	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
MRI/A brain screening (unsdated)						X					X					X						X
Echocardiogram/ECG																				X		
<b>Screening tests and exams</b>																						
Retinopathy (dilated exam)											X		X		X		X		X			X
Neuropsychological screen						X					X					X						
Academic attainment assessment							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Social work assessment	2X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
<b>Laboratory testing</b>																						
Globin gene analysis	X																					
Hb electrophoresis (diagnostic)	X																					
Hb F quantitation (if not on HU)						X																X
RBC genotype	X																					
Urinalysis and microalbumin						X					X	X	X	X	X	X	X	X	X	X	X	X
CBC, reticulocytes	X	2X	2X	2X	2X	2X	2X	2X	2X	2X	2X	2X	2X	2X	2X	2X	2X	2X	2X	2X	2X	2X
Chemistries <sup>3</sup>		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Ferritin <sup>4</sup>											X					X						X
HLA typing (full sibs)	prn	prn	prn	prn	prn	prn	prn	prn	prn	prn	prn	prn	prn	prn	prn	prn	prn	prn	prn	prn	prn	prn

<sup>1</sup> SD-Punjab, SO-Arab, et al.

<sup>2</sup> Should be given by PCP

<sup>3</sup> Minimum set (more frequent labs needed for hydroxyurea therapy): BUN, creat, ALT, AST, T/D Bili, Tprot, Alb, vitamin D

<sup>4</sup> Frequency applies to non-chronically transfused patients