

Hydroxyurea dose chart in SCD

Pediatric dose (age<12 years)- start with 20 mg/kg/day, titrate to maximum tolerated dose or up to 35 mg/kg/day which ever is less.

*Dissolve one capsule in 10 mL water

Weight Bands	Mon	Tue	Wed	Thurs	Fri	Sat	Sun	No of 500mg capsules/month
05-08 kg	2mL	2mL	2mL	2mL	2mL	2mL	2mL	10*
08-12 kg	5mL	5mL	5mL	5mL	5mL	5mL	-	16*
12-16 kg	1	-	1	-	1	-	1	20
16-20 kg	1	1	1	1	1	-	-	24
20-25 kg	1	1	1	1	1	1	1	30
25-30 kg	1	1	1	1	1	1	2	36
30-35 kg	1	1	1	1	1	2	2	40
35-40 kg	1	2	1	2	1	2	1	46
40-45 kg	2	2	2	2	2	2	2	60

Adult dose (age>12 years)- start with 15 mg/kg/day, titrate to maximum tolerated dose or maximum daily dose is 2000 mg/day whichever is less.

Weight Bands	Mon	Tue	Wed	Thurs	Fri	Sat	Sun	No of 500mg capsules/month
25-30 kg	1	1	1	1	1	1	-	28
30-35 kg	1	1	1	1	1	1	1	30
35-40 kg	1	1	1	1	1	1	2	36
40 kg and above	1	2	1	2	1	2	1	46