

Haematological parameters of SCA patients before and during HC treatment

	Before	1 month	3 months	6 months	12 months	24 months
HC dose (mg/kg/d)	-	9.9 ± 3.3	14.3 ± 5.5	16.3 ± 5.8	16.3 ± 5.6	15.9 ± 5.3
HbF (%)	5.9 ± 4.1	7.0 ± 4.2 ***	10.85 ± 5.5 ***	13.4 ± 7.75 ***	15.2 ± 7.6 ***	14.5 ± 5.8 ***
Hb (g/L)	80.7 ± 10	81 ± 9	86 ± 9 ***	88 ± 11 ***	89 ± 10 ***	90 ± 8 ***
Hct (%)	22.6 ± 3.3	22.7 ± 2.7	24.4 ± 2.7 **	24.9 ± 3.5 **	26.2 ± 4.4 **	26.5 ± 2.5 ***
MCV (fl)	83.5 ± 6.8	89.9 ± 8.6 ***	95.7 ± 10.9 ***	100.4 ± 12.1 ***	101 ± 12.7 ***	101.6 ± 10.7 ***
RET (10 ⁹ /L)	261 (222-385)	219 (159.5-268)	131 (109-190) **	126 (81-174) **	125 (80-143) **	121 (91-195) ***
WBC (10 ⁹ /L)	8.8 (7.8-11.1)	8.25 (6.35-9.2)	8.25 (6.35-9.2)	6.1 (4.78-7.83) ***	5.7 (4.85-7.13) ***	5.9 (5.03-7.5) ***
PLT (10 ⁹ /L)	392 ± 142	341 ± 143 *	343 ± 173	287 ± 111 **	293 ± 108 **	355 ± 122

Values, expressed as means and standard deviations or medians and interquartile ranges, were compared between groups using ANOVA or Friedman test when appropriated. Hb: haemoglobin; HbF: foetal haemoglobin; Hct: haematocrit; MCV: mean cell volume; RET: reticulocyte; WBC: white blood cell; PLT: platelet. Different from before treatment: *p<0.05, **p<0.01, *** p<0.001.