

Table 3 Mean age, haematological and biochemical parameters in iron-deficient and non-iron-deficient patients with sickle-cell disease

Variable	Iron-deficient (<i>n</i> = 10) (M = 6; F = 4)	Non-iron-deficient	
	Mean (SD)	Non-transfused (<i>n</i> = 35) (M = 21; F = 14) Mean (SD)	Transfused (<i>n</i> = 30) (M = 12; F = 18) Mean (SD)
Age (years)	16.3 (7.7)	8.7 (5.8)	12.5 (8.4)
Haemoglobin (g/L)	72.3 (17.7)	80.1 (18.0)	76.2 (22.5)
Reticulocyte count (%)	2.5 (2.3)*	9.7 (6.9)	12.5 (12.0)
Serum iron (µg/dL)	32.3 (7.9)*	124.6 (100.1)	147.0 (89.5)
MCV (fL)	70.4 (2.1)*	78.7 (9.1)	79.6 (13.9)
TS (%)	6.5 (1.5)*	87.1 (121.0)	95.7 (92.5)
TIBC (µg/dL)	494.0 (25.7)*	215.6 (145.5)	193.8 (95.9)

**P* < 0.05 between iron-deficient and non-iron-deficient non-transfused and transfused patients.

n = number of patients; M = number of males; F = number of females; SD = standard deviation.

MCV = mean corpuscular volume; TS = transferrin saturation; TIBC = total iron binding capacity.