

Table 1b, showing the mean value, standard deviation, maximum and minimum and p value for each parameter for the patients with normal (Group A) cardiac R2* compared to those with abnormal (Group B) and number of patients on whom the parameters were available. The p value shown is dependent on the F test – i.e. if the latter is significant (<0.05) then the p value is that derived testing with unequal variance, if not significant the p value is that with equal variance. The bold P value indicates those parameters that have a significant relationship to cardiac R2*.

Parameter	Group A			Group B			Comparison		
	No. of pts	Mean	Standard Deviation	No. of pts	Mean	Standard Deviation	Difference	p	Bonferroni Correction p value*
Age	50	26.24	5.6	109	28.99	5.9	-2.75	0.0062	0.062
Age start chelation.	50	6.8	3.4	109	7.8	3.9	-1.0	0.13	-
Ferritin at start of chelation	50	3320	2460	107	3942	2547	-622	0.15	-
Maximum Ferritin	50	6167	2496	109	6946	3061	-779	0.12	-
Minimum Ferritin	50	1137	915	109	1355	909	-218	0.16	-
Mean Ferritin	50	2422	1474	109	3163	2060	-741	0.011	0.11
Most recent Ferritin	50	2428	1654	109	3214	2306	-786	0.016	0.16
Red Cell Consumption	50	194	36	109	196	37	-2	0.76	-
Compliance	50	267	50	97	243	51	24	0.0064	0.064
IEF	50	1269	525	97	1833	826	-564	<0.00001	<0.00001
Hep R2*	46	537	446	98	790	684	-253	0.0092	0.092
EF	45	69.6	6.0	101	64	11.6	-5.6	0.0003	-
EDVI	24	70.3	19.7	62	70.8	19.8	0.5	0.9	-
ESVI	24	20.8	8.38	62	26.48	13.5	-5.68	0.0255	-
SVI	24	48.36	15.8	62	44.5	11.9	3.86	0.28	-

- *Bonferroni correction was applied to reduce the potential of a chance finding taking the eleven parameters Age- Hep R2* and analyzing only for those that were originally significant.
- 12 were referred for an MRI as abnormal Left Ventricular Ejection Fraction found on echocardiogram. Remainder was referred because the investigation had become routine in the clinic on a first come first served basis. Group A are the patients who had normal R2* <40 sec⁻¹ and Group B are those with cardiac iron and R2* ≥ 40 sec⁻¹.