

Table 1a showing the descriptive statistics, Spearman Correlation Coefficient and p value of the various parameters analyzed compared to the cardiac R2\*. The bold P value indicates those parameters that have a significant relationship to cardiac R2\* by regression analysis. The age is in years, the ferritins in nanogram/ml, the red cell consumption in ml/kg/year and compliance is in days/year.

Parameter	Number of patients	Mean	SD	Rank Correlation Coefficient (r)	p
Age	147	28.1	5.9	0.23	0.27
Age start chelation		7.5	3.8	0.16	0.1
Ferritin at start of chelation		3744	2529	0.191	0.06
Maximum Ferritin		6701	2910	<b>0.155</b>	<b>0.005</b>
Minimum Ferritin		1286	914	<b>0.234</b>	<b>&lt;0.0001</b>
Mean Ferritin*		2930	1922	<b>0.199</b>	<b>0.0002</b>
Most recent Ferritin		2967	2149	<b>0.157</b>	<b>0.01</b>
RCC *		195	36	0.083	0.13
Compliance*		251	52	<b>-0.297</b>	<b>0.003</b>
IEF		1652	62	<b>0.411</b>	<b>&lt;.00001</b>
Hepatic R2*	144	709	628	<b>0.232</b>	<b>0.003</b>
Ejection Fraction (EF)	146	65.8	10.5	<b>-0.269</b>	<b>&lt;0.001</b>
End diastolic index (EDVI)	86	73.3	15.8	0.055	0.08
End Systolic Volume Index(ESVI)		25.9	12.1	<b>-0.327</b>	<b>&lt;0.0001</b>
Stroke volume index (SVI)		47.5	10.8	-0.239	0.12

\* Five year mean value.