

Variables	Post intervention standardization of chelation therapy			Total n
	Chelation increased/started n (%)	Chelation reduced n (%)	Chelation unchanged n (%)	
Cardiac T2* CMR values				
<10 msec	51 (51)	0	0	51
10-15 msec	15 (15)	1 (1)	1 (1)	17
15-20 msec	4 (4)	1 (1)	0	5
>20 msec	19 (19)	4 (4)	4 (4)	27
Total	89 (89)	6 (6)	5 (5)	100
Adverse event severity level				
Severity level 1	18 (18)	0	0	18
Severity level 2	7 (7)	0	0	7
Severity level 3	21 (21)	2 (2)	0	23
Total	46 (96)	2(4)	0	48

Supplementary Table 1: T2* CMR values and adverse event severity level in patients with post intervention standardization of chelation therapy (n=100).

Baseline T2* CMR (msec)	Baseline Ferritin (ng/ml)		Total
	<2500 (n, %)	>2500 (n, %)	
<10	2 (4%)	49 (96%)	51 (51%)
10-15	2 (12%)	15 (88%)	17 (17%)
15-20	0	5 (100%)	5 (5%)
>20	3 (11%)	24 (89%)	27 (27%)
Total	7 (7%)	93 (93%)	100

Supplementary Table 2: Baseline serum ferritin levels in patients with severe, moderate, mild and no cardiac overload (n=100).