

**Supplementary Table 6. Analysis of each domain of SF-36 in the study population**

Post-infusion	Iron sucrose 200	Iron dextran 200	Ferric derisomaltose 1,000	Ferric derisomaltose 200	Total
Physical status component					
Baseline	36.0 (3.6)	41.0 (2.4)	35.3 (3.6)	38.5 (4.5)	37.8 (1.8)
1 Mo	37.1 (4.9)	45.0 (3.3)	38.7 (4.2)	38.6 (4.5)	40.1 (2.1)
3 Mo	32.9 (4.0)	42.5 (3.7)	35.7 (3.6)	40.1 (4.2)	38.5 (2.0)
Mental status component					
Baseline	41.6 (3.8)	43.9 (4.1)	45.9 (4.5)	40.3 (2.7)	42.8 (1.9)
1 Mo	45.5 (4.7)	47.1 (3.3)	48.7 (4.8)	45.4 (4.4)	46.7 (2.1)
3 Mo	44.5 (6.4)	44.1 (3.0)	41.9 (6.2)	44.3 (4.9)	43.8 (2.3)
Physical functioning					
Baseline	47.0 (11.0)	59.5 (8.5)	40.6 (10.1)	54.5 (11.6)	50.6 (5.2)
1 Mo	52.1 (16.2)	66.7 (7.4)	43.8 (12.6)	48.9 (12.9)	53.2 (6.0)
3 Mo	42.5 (16.1)	59.4 (11.0)	39.0 (15.2)	52.5 (11.1)	50.2 (6.3)
Role limitations due to physical functioning					
Baseline	44.4 (13.4)	47.5 (10.5)	43.8 (11.4)	49.4 (11.5)	46.3 (5.6)
1 Mo	40.2 (14.6)	65.3 (8.4)	53.1 (12.0)	52.8 (13.3)	53.6 (6.0)
3 Mo	32.3 (15.8)	54.9 (10.2)	40.0 (13.8)	56.3 (11.8)	47.8 (6.2)
Bodily pain					
Baseline	51.8 (9.0)	62.9 (10.1)	51.9 (9.7)	54.9 (10.7)	55.5 (4.8)
1 Mo	61.4 (13.2)	69.4 (8.3)	73.0 (9.8)	56.6 (9.6)	65.1 (4.9)
3 Mo	43.2 (11.6)	62.8 (9.6)	53.6 (8.6)	62.3 (9.5)	56.8 (5.0)
General health					
Baseline	24.4 (6.1)	42.7 (5.3)	34.2 (6.1)	25.8 (7.4)	31.7 (3.2)
1 Mo	28.0 (8.9)	49.9 (6.0)	35.1 (9.9)	37.8 (11.0)	38.4 (4.6)
3 Mo	25.7 (9.0)	43.7 (7.7)	30.4 (12.3)	35.4 (11.3)	35.1 (4.9)
Vitality					
Baseline	26.3 (8.9)	36.9 (6.2)	40.3 (5.5)	23.8 (5.9)	31.6 (3.4)
1 Mo	42.9(9.9)	46.5 (6.6)	49.2 (8.0)	34.7 (6.6)	43.2 (3.8)
3 Mo	36.5 (11.0)	45.1 (7.5)	33.8 (12.6)	32.0 (8.6)	37.5 (4.6)
Social function					
Baseline	56.3 (10.4)	60.0 (10.0)	58.3 (11.4)	58.8 (8.8)	58.3 (4.9)
1 Mo	60.7 (12.9)	70.8 (8.1)	64.1(11.7)	69.4 (11.2)	66.7 (5.2)
3 Mo	60.4 (16.6)	63.9 (9.2)	55.0 (14.0)	68.8 (9.7)	62.9 (5.7)
Role limitations due to emotional functioning					
Baseline	55.0 (13.0)	60.8 (10.5)	62.0 (11.9)	61.7 (10.3)	59.8 (5.5)
1 Mo	60.7 (14.5)	75.0 (8.4)	62.5 (13.9)	67.6 (11.5)	66.9 (5.8)
3 Mo	54.2 (16.1)	58.3 (12.4)	43.3 (15.2)	68.7 (12.0)	57.7 (6.7)
Mental health					
Baseline	64.5 (6.8)	70.0 (7.5)	67.2 (10.0)	58.5 (4.2)	65.0 (3.6)
1 Mo	69.3 (9.3)	70.6 (6.3)	77.5 (9.2)	64.4 (7.5)	70.3 (3.9)
3 Mo	65.0 (12.6)	68.9 (4.8)	68.0 (13.9)	63.1 (7.4)	66.3 (4.2)

Data are presented as mean (standard error of the mean).  
SF-36, the Short Form (36) Health Survey.