Table showing correlation of % quenching of DPPH radical and FRAP values with various biochemical parameters in MI patients

Parameters	Correlation coefficient (r)	Parameters	Correlation coefficient (r)
% quenching of DPPH-FRAP	0.52*	FRAP-DPPH	0.52*
% quenching of DPPH-NO	-0.27*	FRAP-NO	-0.37*
% quenching of DPPH-ROS	-0.35*	FRAP-ROS	-0.51*
% quenching of DPPH-MDA	-0.29*	FRAP-MDA	-0.40*
% quenching of DPPH- Protein carbonyl	-0.55*	FRAP-Protein carbonyl	-0.57*
% quenching of DPPH-TSH	0.38*	FRAP-TSH	0.65*
% quenching of DPPH-8OHdG	-0.50*	FRAP-8OHdG	-0.84*
% quenching of DPPH-GSH	0.50*	FRAP-GSH	0.83*
% quenching of DPPH-Vitamin C	0.36*	FRAP-Vitamin C	0.58*
% quenching of DPPH-SOD	0.54*	FRAP-SOD	0.41*
% quenching of DPPH-Catalase	0.40*	FRAP-Catalase	0.63*
% quenching of DPPH-GPx	0.33*	FRAP-GPx	0.46*

Parameters	Correlation coefficient (r)	Parameters	Correlation coefficient (r)
% quenching of DPPH-GST	0.12	FRAP-GST	0.30*
% quenching of DPPH-GR	0.06	FRAP-GR	0.21*
% quenching of DPPH-GS	-0.38*	FRAP-GS	-0.65*

*p< 0.01

Table showing minimum, median, and maximum values of different biochemical parameters in the study groups

Parameters	Control (n=57)			GS≤ 100 (n=66)			GS >100 (n=59)			MI (n=56)			MI+RF (n=69)		
	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max
TC (mg/dl)	126.3	156.4	195.4	137.5	181.3	260.7	136.8	190.7	250.6	142.3	168.9	198.6	136.8	205.7	260.7
TG (mg/dl)	84.9	123.4	152.2	96.7	146.6	191.3	104.7	148.5	197.6	96.7	131.5	197.6	102.8	151.1	193.6
HDLc (mg/dl)	30.1	45.5	65.8	25.1	36.95	50.8	20.1	38.3	50.8	20.4	42.05	50.8	20.1	34.6	50.1
LDLc (mg/dl)	49.88	87.52	122	66.68	121.2	193.3	70.26	135	195.3	70.52	100.3	145	66.68	141.2	195.1
FRAP (μM)	551.1	784.6	994.3	416.5	674.4	797.5	318.1	536.7	744.3	419.2	667.7	765	318.1	613.5	797.5
% quenching of DPPH	37.15	51.19	70.93	22.07	48.35	57.85	25.47	42.25	59.12	24.96	49.5	57.35	22.07	40.05	59.12

Parameters	Control (n=57)			GS≤ 100 (n=66)			GS >100 (n=59)			MI (n=56)			MI+RF (n=69)		
	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max
NO (µmol/ml)	0.12	2.86	9.26	0.78	6.52	18.34	1.39	9.37	17.66	0.78	7.4	18.34	1.31	9.24	17.87
MDA (nmol/ml)	0.03	2.17	6.3	0.02	4.01	12.3	0.14	5.02	10.35	0.05	3.54	10.04	0.02	5.02	12.3
PC (nmol/mg protein)	0.18	1.79	3.4	0.57	2.35	4.96	0.85	3.31	4.08	0.57	2.16	4.67	0.67	3.27	4.96
TSH groups (µM)	213.8	375.4	485.6	183.5	318.9	439.6	101.4	303	412.5	183.5	323.4	439.6	101.4	305.6	403.7
8OHdG (ng/ml)	1.52	4.23	6.23	4.02	6.46	9.75	5.12	7.91	11.09	4.02	6.36	11.09	4.5	7.91	10.85
GSH (nmol/mg Hb)	3.05	6.27	10.46	0.35	4.52	8.07	0.16	2.95	9.74	0.76	3.99	9.43	0.16	3.47	9.74

Biochemical parameters	Control (n=57)			GS≤ 100 (n=66)			GS >100 (n=59)			MI (n=56)			MI+RF (n=69)		
	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max
Vitamin C (mg/dl)	0.2	1.35	2.1	0.02	0.58	1.35	0.11	0.44	0.97	0.02	0.54	1.35	0.08	0.53	1.22
SOD (U/mg Hb)	11.56	16.37	22.96	4.71	15.79	19.78	6.93	10.45	18.53	6.03	16.47	19.78	4.71	12.96	18.75
Catalase (U/mg Hb)	6.14	8.1	10.28	3.55	5.50	9.26	2.03	5.35	8.2	3.73	5.88	9.26	2.03	5.2	8.04
GPx (U/mg Hb)	7.45	12.64	17.05	6.04	11.42	14.91	4.28	9.35	14.31	5.61	11.85	14.91	4.28	9.44	14.78
GST (U/mg Hb)	3.51	5.95	10.12	2.01	3.96	7.46	1.98	3.81	6.52	2.21	3.91	7.46	1.98	3.91	6.52
GR (U/mg Hb)	6.35	9.45	12.85	4.03	5.49	11.57	2.31	5.21	10.15	2.93	5.41	11.57	2.31	5.36	10.49