Table (2) Sex distribution of the studied groups

Sex / Groups	Male		Female		Total	
	No	%	No.	%	No.	%
Control	12	60.0	8	40.0	20	100.0
DCM	26	65.0	14	35.0	40	100.0

$X^2 = 0.87$ $P > 0.05$

The results also show that there is no significant difference between studied groups regarding sex distribution.

Table (3): Comparison of time domain measures

Groups / Variable	Control	DCM	t	p
	Mean ± SD	Mean ± SD		
BB50	24.4	0.7	- 22.6	< 0.01
RMS sd	65.55	10.8	- 20.9	< 0.01

The results show that there is significant difference regarding time domain measures of HRV, either BB50 or RMS sd.

Table (4): Comparison of frequency domain measures

Groups / Variable	Control	DCM	t	P
	Mean ± SD	Mean ± SD		
LF	417.02	53.23	- 13.6	< 0.01
HF	314.79	21.94	- 9.4	< 0.01
LF/HF	1.54	2.59	6.3	< 0.01

Also the results show that there is significant difference regarding the frequency domain measures.

Table (5): Mean ± SD of measures of LV systolic function between the two groups.

Groups / Variable	Control	DCM	t	P
	Mean ± SD	Mean ± SD		
EF %	72.05	33.57	- 21.6	< 0.01
FS %	41.85	16.72	- 19.4	< 0.01

By comparison between the studied groups regarding the LV systolic function, it is evident that there is a significant difference (P < 0.01).

Table (6): Correlation coefficient (r) and probability value between BB 50 with other variables

Variables	BB50	
	r.	p.
FS %	0.6447	< 0.01
EF %	0.7661	< 0.01
Age (years)	-0.2245	> 0.05
Pulse rate	- 0.3275	> 0.05
Systolic blood pressure	0.0423	> 0.05
Diastolic blood pressure	0.1891	> 0.05

Table (7): Correlation coefficient (r) and probability value between RMS s.d. and other variables

Variables	RMS s.d.	
	r.	p.
FS %	0.7511	< 0.01
EF %	0.8754	< 0.01
Age (years)	- 0.2672	> 0.05
Pulse rate	- 0.4348	> 0.05
Systolic blood pressure	0.1066	> 0.05
Diastolic blood pressure	0.2226	> 0.05

Table (8): Correlation coefficient (r) and probability value between LF and other variables

Variables	LF	
	r.	p.
FS %	0.0672	> 0.01
EF %	0.18096	> 0.01
Systolic blood pressure	0.8693	> 0.05
Diastolic blood pressure	0.757	> 0.01
Pulse rate	0.0459	> 0.05
Age	0.0470	> 0.05

Table (9): Correlation coefficient (r) and probability value between HF and other variables

Variables	HF	
	r.	p.
FS %	0.1247	> 0.01
EF %	0.2073	> 0.01
Systolic blood pressure	- 0.0653	> 0.05
Diastolic blood pressure	0.0416	> 0.01
Pulse rate	0.0031	> 0.05
Age	- 0.0247	> 0.05