

Table 1 : Echocardiography data of studied group.

	Control	Case	T Test	P Value
LVEDD(cm)	4.91±0.57	4.83±0.63	0.437	0.664
LVESD(cm)	2.94±0.398	2.91±0.47	0.239	0.812
LAD(cm)	3.37±0.57	3.35±0.61	0.074	0.941
RVD(cm)	2.41±0.398	2.55±0.42	1.081	0.284
RAD(cm)	3.66±0.74	3.46±0.83	0.849	0.399
EF%	69.67±3.11%	67.92±5.44%	1.183	0.242
E/A	1.174±0.394	0.942±0.349	2.158	0.035
E/A <1	5(33.3%)	29(64.4%)	4.434*	0.035

* Chi square test was used

Table 2: Diastolic Dysfunction of studied group versus control group.

		Control	Case	Total
Diastolic Dysfunction	Normal	10(66.7%)	10(22.2%)	20(33.3%)
	Grade 1 (reversed G/A ratio)	5(33.3%)	29(64.4%)	34(56.7%)
	Grade 2	0	6(13.3%)	6(10%)

Chi square = 9.747, p value = 0.002 (S)

Table 3: Echocardiographic data among different Child Pugh classes

	Child Pugh Class			Anova test	P value
	A	B	C		
LVEDD (cm)	4.9±0.8	4.9±0.6	4.6±0.5	1.307	0.281
LVESD (cm)	2.9±0.4	2.9±0.5	2.8±0.5	0.463	0.633
LAD (cm)	3.6±0.7	3.3±0.5	3.3±0.6	1.123	0.335
RVD (cm)	2.4±0.4	2.5±0.4	2.8±0.4	4.437	0.018(S)
RAD (cm)	3.8±0.9	3.4±0.9	3.1±0.5	2.551	0.090
EF (%)	68±4.7	68.9±5.1	66.9±6.5	0.498	0.611
E/A	1.088±0.5	0.854±0.2	0.885±0.3	2.082	0.137

Table 4 : Grades of diastolic dysfunction and its relation to Child Pugh class

		Child class			Total
		A	B	C	
Diastolic Dysfunction	Normal	6(40%)	3(20%)	1(6.7%)	10(22.2%)
	Grade 1	8(53.3%)	12(80%)	9(60%)	29(64.4%)
	Grade 2	1(6.7%)	0	5(33.3%)	6(13.3%)

Chi square = 11.697, p value = 0.020 (S)

Table 5 : Grades of diastolic dysfunction and its relation to MELD score

Diastolic Dysfunction	MELD
Normal	9.72
Grade 1	9.6
Grade 2	9.9
Total	9.74