

(Table 1) Comparison among the three groups of the study as medical history

Variable	D-group N=30	C-group N=30	CD-group N=30	P
DM				-
No	0	30 (100%)	0	
Yes	30 (100%)	0	30 (100%)	
Treatment of DM				0.7
Oral	14 (46.67%)		12 (40.00%)	
Insulin	16 (53.33%)		18 (60.00%)	
Cirrhosis				-
No	30 (100%)	0	0	
Yes	0	30 (100%)	30 (100%)	
Hypertension				0.07
No	18 (60.00%)	26 (86.67%)	14 (46.67%)	
Yes	12 (40.00%)	4 (12.33%)	16 (53.33%)	
IHD				0.054
No	22 (73.33%)	30 (100%)	28 (93.00%)	
Yes	8 (26.67%)	0	2 (6.67%)	
Ascites	-			.06
No		12(40%)	18(60%)	
Yes		18(60%)	12(40%)	
Diuretics	-			0.03
No		18	21	
Yes		12	9	

(Table 2) Comparison among the three groups of the study as the regard laboratory finding

Variable	D-group N=30	C-group N=30	CD-group N=30	P
HbA1c % Mean ± SD Median (range)	8.07±1.43 7.5 (6.5:11.6)		8.44±1.51 8.3 (5.5:11)	0.5
Bilirubin mg/dl Mean ± SD Median (range)	0.76±0.20 0.8 (0.5:1.2)	3.41±4.72 2.1 (0.4:19.8)	1.20±1.00 0.8 (0.1:3.1)	0.004
Albumin (g/dl) Mean ± SD Median (range)	3.35±0.27 3.5 (2.9:3.7)	2.84±0.60 2.9 (2:3.8)	2.81±0.50 2.9 (2.1:3.5)	0.006
INR Mean ± SD Median (range)	0.77±0.19 0.8 (0.5:1.1)	1.28±0.41 1.3 (0.6:1.8)	1.21±0.36 1.2 (0.8:1.9)	0.0002
Albumin/ creatinine ratio(mg/mmol) Mean ± SD Median (range)	29±13.79 33 (11:65)	9.98±5.60 8 (2.5:26)	32.73±10.70 35 (15:55)	0.0001
Serum creatinine (mg/dl) Mean ± SD Median (range)	0.7±0.12 0.7 (0.5:0.9)	0.83±0.13 0.8 (0.6:1.1)	0.87±0.16 0.9 (0.6:1.1)	0.005
eGFR Mean ± SD Median (range)	97.6±7.9 93.7 (90.6:105)	94.8±5.02 93.8 (90:99.82)	94.3±3.6 94 (90.7.:97.9)	0.6

(Table 3):- Comparison between the three study groups as regards renal Doppler
 RI (resistance index) , PI (pulsatility index)

Variable	D-group N=30	C-group N=30	CD-group N=30	P
RI				0.01
Mean \pm SD	0.72 \pm 0.06	0.69 \pm 0.04	0.75 \pm 0.03	
Median (range)	0.73 (0.6:0.78)	0.69 (0.6:0.73)	0.75 (0.7:0.78)	
PI				0.01
Mean \pm SD	1.47 \pm 0.09	1.45 \pm 0.11	1.55 \pm 0.04	
Median (range)	1.54(1.31:1.59)	1.45 (1.3:1.57)	1.56 (1.42:1.58)	

(Table 4):- Doppler findings in cirrhotic patients with and without diabetes (C-Group) (CD-Group)

Child-Pugh class (C-Group/CD-Group)	C-group	CD-group	P value
RI			
Child A (12/16)	0.68±0.04 0.7 (0.6:0.7)	0.72±0.01 0.72 (0.7:0.74)	0.02
Child B (8/8)	0.70±0.03 0.71 (0.67:0.73)	0.76±0.02 0.77 (0.73:0.77)	0.01
Child C (10/6)	0.72±0.04 0.71 (0.69:0.78)	0.75±0.02 0.76 (0.72:0.76)	0.02
PI			
Child A (12/16)	1.43±0.07 1.43 (1.33:1.54)	1.53±0.05 1.55 (1.42:1.56)	0.007
Child B (8/8)	1.47±0.11 1.5 (1.31:1.55)	1.57±0.01 1.57 (1.55:1.58)	0.03
Child C (10/6)	1.52±0.10 1.56 (1.35:1.59)	1.58±0.006 1.58 (1.57:1.58)	0.03

RI (resistance index) , P I(pulsatility index)