

Table (1) : Child – Pugh score

Measure	1 point	2 points	3 points
Total bilirubin (mg/dl)	< 2	2 - 3	> 3
Serum albumin (g/dl)	> 3.5	2.8 – 3.5	< 2.8
Prothrombin time (s)	< 4	4 - 6	> 6
Ascities	None	Mild or suppressed with medication	Moderate to severe or refractory
Hepatic encephalopathy	None	Grade I - II	Grade III - IV

Table (2): Clinical features of the HCV infected patients and controls

Parameters	Group 1 (n=35)	Group 2 (n=35)	Group 3 (Controls) (n=15)
Age (Year)	50.31±5.27	53.77±6.15	36.6±5.98
Mean ± S.D.	(40-58)	(45-66)	(28-49)
Range			
Gender		13 (37.1 %)	7 (46.7 %)
Female	10 (28.5 %)	22 (62.9 %)	8 (53.3 %)
Male	25 (71.5 %)		
Jaundice	0	15 (42.9 %)	0
Ascites	0	32 (91.4 %)	0
Hepatomegaly	0	33 (94.3 %)	0
Encephalopathy	0	13 (37.1 %)	0
Vascular manifestations	0	18 (51.4 %)	0

Table (3): Comparison of the laboratory parameters between Chronic HCV patients
and controls

Parameters	Group 1 (n=35)	Group 2 (n=35)	Group 3 (n=15)	P-value	Sig. group
Hb (g/dl)	13.65 ± 1.87	7.91 ± 3.11	14.38 ± 1.63	0.001	2 vs. 1,3
WBCs (/mm ³)	5300 ± 1700	4903 ± 1140	5620 ± 1571	0.106	NS
Lymphocyte count (/mm ³)	1581 ± 453	1390 ± 420	1492 ± 413	0.098	NS
Platelets (10 ⁹ /L)	211 ± 43.00	119 ± 53.26	236 ± 53.01	0.007	2 vs. 1,3
P.T (s)	12.5 ± 0.5	13.1 ± 0.7	12 ± 0.9	<0.001*	2 vs. 1,3
Total bilirubin (mg/dl)	0.98±0.46	1.9±2.8	0.46±0.11	<0.001*	2 vs. 1,3
Direct Bilirubin (mg/dl)	0.26 ±0.18	1.04 ±2.47	0.13±0.35	0.022*	1,2 vs.3

Total protein (g/dl)	6.68±0.63	6.5±0.75	7.6±0.38	<0.001*	3 vs.1,2
Serum albumin (g/dl)	4.11±0.37	2.40±0.63	4.18±0.19	<0.001*	1,3 vs. 2
ALT (g/dl)	36.8 ±16.06	50.89±32.36	23±6.65	<0.001*	1,2 vs. 3
AST (g/dl)	56.69±25.57	51.74±26.77	23±5.23	<0.001*	1,2 vs. 3
HCV viral load (IU/ml)	1388257.2 1734312.1	2289192.5 ± 2086144.6		0.004*	2 VS. 1

Table (4): Correlation between serum Bcl-2, Bax, Bcl-2/Bax ratio and HCV viral load (IU/ml) in group 1 and group 2 patients (n= 70)

Parameter	Bcl-2 (ng/ml)		Bax (ng/ml)		Bcl-2/Bax ratio	
	r	P-value	r	P-value	r	P-value
HCV viral load (IU/ml) in group 1	-0.517	0.001*	0.513	0.002*	-0.513	0.002*
HCV viral load (IU/ml) in group 2	-0.009	0.957	0.009	0.957	-0.009	0.957