

Table 1: Baseline characters of the studied patients' categories

Variables	Total (N=92)	Group (fibrosis)		P-value
		Mild to moderate (N= 80)	advanced (N= 12)	
Age Mean± S.D.	36.41 ± 11.03	35.15 ± 10.42	44.83 ± 11.74	<u>0.006</u>
Gender				
Female	19 (20.7%)	17 (21.2%)	2 (16.7%)	1
Male	73 (79.3%)	63 (78.8%)	10 (83.3%)	
HBV DNA Mean± S.D.	6426399.64±30583121.65	5244005.06±27051969.14	14309030.17±49030971.99	0.114
HBeAg				
Negative	81 (88%)	70 (87.5%)	11 (91.7%)	1
Positive	11 (12%)	10 (12.5%)	1 (8.3%)	
Anti-HB e				
Negative	25 (27.2%)	23 (28.8%)	2 (16.7%)	0.502
Positive	67 (72.8%)	57 (71.2%)	10 (83.3%)	
ALT(IU/l) Median (IQR)	24.85 (18.93 – 41)	24.6 (18.93 – 40.5)	38 (16 – 47)	0.378
AST (IU/l) Mean± S.D.	27.08 ± 12.09	25.65 ± 10.26	36.63 ± 18.44	<u>0.042</u>
Total bilirubin (mg/dl) Mean± S.D.	0.74 ± 0.24	0.73 ± 0.24	0.78 ± 0.19	0.498
Prothrombin time (seconds) Mean± S.D.	12.88 ± 1.02	12.85 ± 1.01	13.03 ± 1.08	0.223
INR Mean± S.D.	1.05 ± 0.11	1.04 ± 0.11	1.07 ± 0.1	0.286
HB (g/dl) Mean± S.D.	13.98 ± 1.73	14.08 ± 1.69	13.25 ± 1.83	0.16
Platelets (x1,000/mm³) Mean± S.D.	227.74 ± 67.45	232.74 ± 64.45	194.42 ± 80.05	0.056

Table 2: Liver fibrosis stage and inflammation grade by METAVIR score in studied patients (No. = 92)

Variables	Summary statistics
Fibrosis	
F0	6 (6.5%)
F1	36 (39.1%)
F2	38 (41.3%)
F3	4 (4.3%)
F4	8 (8.7%)
Inflammation	
A0	4 (4.3%)
A1	43 (46.8%)
A2	39 (42.4%)
A3	6 (6.5%)

Table 3: Relation between ALT level and liver fibrosis and inflammation by METAVIR score

METAVIR		Mean ALT	Kruskal Wallis test	P-value
Fibrosis	0	23.92±12.66	4.819	0.306
	1	25.69±12.49		
	2	32.81±18.90		
	3	37.75±12.99		
	4	38.05±30.67		
Inflammation	0	32.18±21.54	4.828	0.185
	1	33.32±17.97		
	2	25.35±15.33		
	3	36.70±24.56		

Table 4: Comparison between histological changes in cases with normal ALT and cases with high ALT.

Histological changes	Group		P-value
	Normal ALT (N= 67)	ALT >ULN (N= 25)	
Fibrosis			0.051
0	5 (7.4%)	1 (4%)	
1	32 (47.8%)	4 (16%)	
2	23 (34.3%)	15 (60%)	
3	2 (3%)	2 (8%)	
4	5 (7.5%)	3 (12%)	
Mild to moderate fibrosis (F0-F1-F2)	60 (89.5%)	20 (80%)	0.297
Advanced fibrosis (F3-F4)	7 (10.5%)	5 (20%)	
Inflammation			<u>0.015</u>
0	2 (3%)	2 (8%)	
1	27 (40.3%)	16 (64%)	
2	35 (52.2%)	4 (16%)	
3	3 (4.5%)	3 (12%)	

Table 5: HBeAg state in cases with normal ALT and cases with high ALT.

		ALT		P-value
		Normal ALT	High ALT	
HBeAg	Negative	62(92.5%)	19(76%)	<u>0.040</u>
	Positive	5(7.5%)	6(24%)	