

Table 1. Anthropometric and biochemical characteristics. Data are expressed as Means \pm SDs.

Parameters	All Patients (n= 33, 21 male)	Not-NASH (n= 14, 9 male)	NASH (n=19, 12 male)	P value NASH vs Not-NASH
Age (years)	13.7 (1.8)	13.3 (1.7)	13.9 (2.1)	0.36
Weight (Kg)	65.9 (13.8)	66.5 (19.5)	69.7 (11)	0.84
BMI (Kg/m ²)	27.9 (4.3)	26.1 (4.5)	29.1 (3.6)	0.04
85<BMI C°<95	12/33 (36.4%)	6/14 (42.9%)	3/19 (15.8%)	0.03
BMI >95 th centile	21/33 (63.6%)	8/14 (57.1%)	16/19 (84.2%)	0.03
WC (cm)	87.5 (9.4)	89.5 (10.2)	91.6 (12.7)	0.62
AST (UI/L)	33.8 (16.5)	31.2 (21.9)	33.8 (10.8)	0.92
ALT (UI/L)	40 (23.7)	34.2 (18.3)	45.6 (26.1)	0.09
GGT (UI/L)	16.7 (12.5)	16.2 (17.7)	21 (16.1)	0.44
Uric Acid (mg/dl)	5 (0.8)	4.7 (0.8)	5.21 (0.7)	0.11
Total Cholesterol (mg/dl)	150.7 (25)	150.7 (26.8)	150.6 (27.1)	0.99
LDL Cholesterol (mg/dl)	89.3 (22.8)	84.7 (22.7)	90.3 (26.1)	0.53
HDL cholesterol (mg/dl)	46.5 (7.3)	50.7 (6.8)	43.3 (5.8)	0.001
Triglycerides (mg/dl)	92.5 (36.5)	72.8 (15.2)	106.1 (21.1)	0.01
Glucose (mg/dl)	81.8 (6.7)	81.6 (4.8)	78.4 (16.1)	0.50
Insulin (mU/L)	21.9 (11.4)	14.8 (4.2)	27.23 (12.2)	0.001
HOMA-IR	4.3 (2.5)	2.99 (1.8)	4.52 (2.8)	0.01
TCA (μmol/L)	0.0 (0.01)	0.0 (0.0)	0.0 (0.01)	0.44
TCDCa (μmol/L)	0.05 (0.12)	0.01 (0.02)	0.07 (0.15)	0.26
TDCA (μmol/L)	0.01 (0.02)	0.0 (0.0)	0.01 (0.03)	0.44
TLCA (μmol/L)	0.0 (0.01)	0.01 (0.03)	0.0 (0.0)	0.21
GCDCA (μmol/L)	0.85 (1.06)	0.58 (0.6)	1.01 (1.23)	0.03
GCA (μmol/L)	0.04 (0.15)	0.02 (0.05)	0.05 (0.1)	0.55
GDC (μmol/L)	0.03 (0.09)	0.02 (0.08)	0.03 (0.1)	0.84
GUDCA (μmol/L)	0.16 (0.18)	0.14 (0.1)	0.17 (0.2)	0.66
GLCA (μmol/L)	0.02 (0.09)	0.05 (0.15)	0.00 (0.0)	0.23
UDCA (μmol/L)	0.15 (0.22)	0.17 (0.25)	0.14 (0.21)	0.77
CA (μmol/L)	0.07 (0.25)	0.08 (0.26)	0.06 (0.24)	0.82
CDCA (μmol/L)	0.36 (0.4)	0.4 (0.3)	0.29 (0.5)	0.33
DCA (μmol/L)	0.2 (0.27)	0.23 (0.2)	0.19 (0.2)	0.70
LCA (μmol/L)	0.05 (0.11)	0.03 (0.07)	0.07 (0.13)	0.43
tBAs (μmol/L)	2.26 (2.4)	1.8 (1.24)	2.55(2.8)	0.44

BMI = body mass index; WC= waist circumference; AST = aspartate aminotransferase; ALT = alanine aminotransferase; GGT = gamma-glutamyl-transpeptidase; LDL = low-density lipoprotein cholesterol; HDL= high-density lipoprotein cholesterol; HOMA-IR = homeostasis model assessment of insulin resistance; CA= cholic acid, CDCA=chenodeoxycholic acid, DCA=deoxycholic, LCA=lithocholic and UDCA= ursodeoxycholic acid, their T-conjugates TCDCa, TLCA, TDCA, TCA and TUDCA and G-conjugates GCA, GCDCA, GLCA, GDCA and GUDCA. Differences between NASH and Not-NASH groups were tested by the Student's t-test for normally distributed data, p<0.05.