

Supplemental Table 1. The patient characteristics

Case	Number	102
Age	years (range)	42.7 \pm 10.7 (20-66)
Sex	male/female	55/47
Body weight	kg (mean \pm S.D.)	118.1 \pm 27.5 (76.3-217.8)
Body mass index	kg/m ² (mean \pm S.D.)	42.1 \pm 8.2 (30.1-63.5)
Waist-hip ratio		1.13 \pm 0.13 (0.89-1.48)
Visceral fat area	cm ² (mean \pm S.D.)	189.9 \pm 82.3 (51.6-619.2)
AST	IU/L	38.4 \pm 27.0
ALT	IU/L	59.4 \pm 68.0
γ -GTP	IU/L	53.5 \pm 40.0
ChE	IU/L	395.6 \pm 79.5
Uric acid	mg/dL	6.5 \pm 1.6
Albumin	g/dL	4.1 \pm 0.3
CRP	mg/dL	0.5 \pm 0.5
Fe	mg/dL	101.3 \pm 37.0
Platelets	$\times 10^4$ /mL	24.8 \pm 4.6
LDL-cholesterol	mg/dL	133.6 \pm 54.6
Triglycerides	mg/dL	146.4 \pm 98.7
Fasting plasma glucose	mg/dL	123.2 \pm 40.9
HbA1c	%	6.5 \pm 1.3
HOMA-IR		7.9 \pm 11.3
Diabetes mellitus	yes/no	55/47
Hypertension	yes/no	68/34

Values are given as the number of patients or the mean \pm standard deviation, and the range is given in parentheses. ALT alanine aminotransferase, AST aspartate aminotransferase, ChE cholinesterase, CRP C-reactive protein, γ -GTP γ -glutamyl transpeptidase, HbA1c hemoglobin A1c, HOMA-IR homeostasis model assessment insulin resistance, **Fe iron, S.D. standard deviation**

Supplemental Table 2. The parameters of the NASH and non-NASH patients

		NASH group	Non-NASH group	<i>P</i>
Case	Number	79	23	
Age	years (range)	43.0 ± 10.1 (20-62)	41.6 ± 12.6 (21-66)	N.S.
Sex	male/female	45/34	10/13	N.S.
Body weight	kg (mean ± S.D.)	121.2 ± 28.7	107.5 ± 19.8*	<i>P</i> <0.05
Body mass index	kg/m ² (mean ± S.D.)	42.9 ± 8.4	39.3 ± 6.8	N.S.
Waist-hip ratio		1.15 ± 0.13	1.08 ± 0.13*	<i>P</i> <0.05
Visceral fat area	cm ² (mean ± S.D.)	197.6 ± 85.5	164.2 ± 65.6*	<i>P</i> <0.05
AST	IU/L	42.5 ± 29.1	24.3 ± 9.3**	<i>P</i> <0.01
ALT	IU/L	67.5 ± 74.7	31.4 ± 20.1**	<i>P</i> <0.01
γ-GTP	IU/L	56.7 ± 38.4	42.6 ± 44.5**	<i>P</i> <0.01
ChE	IU/L	393.2 ± 73.7	403.8 ± 98.3	N.S.
Uric acid	mg/dL	6.6 ± 1.6	6.2 ± 1.8	N.S.
Albumin	g/dL	4.1 ± 0.3	4.2 ± 0.4	N.S.
CRP	mg/dL	0.5 ± 0.4	0.5 ± 0.67	N.S.
Fe	mg/dL	103.6 ± 38.5	93.0 ± 35.3	N.S.
Platelets	×10 ⁴ /mL	24.2 ± 4.3	26.8 ± 5.1*	<i>P</i> <0.05
LDL-cholesterol	mg/dL	136.8 ± 57.5	122.1 ± 47.8	N.S.
Triglycerides	mg/dL	149.7 ± 98.1	134.9 ± 102.1	N.S.
Fasting plasma glucose	mg/dL	125.7 ± 39.7	114.7 ± 44.9*	<i>P</i> <0.05
HbA1c	%	6.6 ± 1.2	6.0 ± 1.3*	<i>P</i> <0.05
HOMA-IR		9.0 ± 12.6	4.5 ± 3.3**	<i>P</i> <0.01
Diabetes mellitus	yes/no	45/34	10/13	N.S.
Hypertension	yes/no	53/26	15/8	N.S.

Values are given as the number of patients or the mean ± standard deviation, and the range is given in parentheses. ALT alanine aminotransferase, AST aspartate aminotransferase, ChE cholinesterase, CRP C-reactive protein, γ-GTP γ-glutamyl transpeptidase, HbA1c hemoglobin A1c, HOMA-IR homeostasis model assessment insulin resistance, Fe iron, N.S.; not

significant, , S.D. standard deviation.