

Table 1: Characteristics of patients

Characteristics	Males (n=47)	Females (n=54)	p
Age (years)	56.7±11.3	63.1±11.6	0.008
Height (cm)	166.9±5.9	152.9±8.0	<0.001
Weight (kg)	77.3±12.7	64.6±10.1	<0.001
Body mass index (kg/m ²)	27.7±3.6	27.6±3.4	0.919
Waist circumference (cm)	94.6±10.4	95.7±8.1	0.622
Systolic blood pressure (mmHg)	129.1±14.3	127.9±15.4	0.705
Diastolic blood pressure (mmHg)	77.1±8.5	74.7±10.4	0.229
Total cholesterol (mg/dl)	223.3±32.6	243.6.1±35.1	0.003
LDL-cholesterol (mg/dl)	138.7±26.9	152.2±29.7	0.020
HDL-cholesterol (mg/dl)	48.8±10.1	53.6±10.7	0.024
Non HDL-cholesterol (mg/dl)	174.5±29.8	190.1±31.1	0.012
Triglycerides* (mg/dl)	172.4 (56-1804)	151.4 (62-473)	0.214
RLP-cholesterol* (mg/dl)	6.7 (2.2-82.5)	6.5 (2.4-28.7)	0.868
Free fatty acid* (mEq/l)	428.3 (92-1423)	437.0 (87-1134)	0.834
Plasma glucose (mg/dl)	108.5±26.7	103.4±29.1	0.360
Insulin* (μU/ml)	12.9 (1.55-200)	10.2 (2.82-72.6)	0.180
HOMA index*	3.36 (0.35-80.5)	2.51 (0.64-36.2)	0.146
hs CRP* (mg/dl)	720.5 50-19100	713.4 50-7910	0.990
Aldosterone (pg/dl)*	95.6 42.2-315.0	85.6 37.9-296.0	0.238
HGF (ng/ml)	0.32±0.05	0.31±0.06	0.731
Adiponectine (μg/ml)*	1.97 0.28-10.6	3.21 0.30-8.34	0.001
EPA/AA*	0.35 0.10-2.05	0.30 0.10-1.59	0.226

Data are means (SD), geometric mean and range. *:These variables are shown in the original scale after analysis using log (natural)-transformed values.

Abbreviations: RLP, Remnant-like particle cholesterol; HOMA, Homeostasis model assessment; HGF, Hepatocyte growth factor;

EPA/AA, Eicosapentaenoic acid to arachidonic acid

Table 2: Lipids and other biomarkers at baseline and at 3 and 6 months after the ezetimibe therapy

Parameters	Pre	Post 3M	Post 6M
Body mass index (kg/m ²)	27.9±3.5	27.5±3.4***	27.6±3.4*
Waist circumference (cm)	93.6±8.5	91.8±7.8***	91.5±7.9***
Systolic blood pressure (mmHg)	128.7±14.8	127.2±13.9	127.0±13.0
Diastolic blood pressure (mmHg)	76.0±9.4	75.6±9.4	74.4±10.3
Total cholesterol (mg/dl)	236.2±34.7	208.9±31.9***	207.0±34.5***
LDL-cholesterol (mg/dl)	147.9±29.5	125.5±25.9***	126.5±30.5***
HDL-cholesterol (mg/dl)	51.7±10.7	52.7±10.3	54.5±9.8***
Non HDL-cholesterol (mg/l)	184.5±30.7	156.2±29.1***	151.9±32.6***
Triglycerides ⁺ (mg/dl)	162.4	145.5*	134.3***
RLP-cholesterol ⁺ (mg/l)	6.6	5.2***	4.7***
Free fatty acid ⁺ (mEq/l)	437.0	454.8	483.0
Plasma glucose (mg/dl)	106.4±28.8	107.3±24.5	103.3±24.1
Insulin ⁺ (μU/ml)	11.9	11.1	10.0*
HOMA index ⁺	3.1	2.8	2.6
hsCRP ⁺ (mg/dl)	765.1	820.6	871.3
Aldosterone (pg/dl) ⁺	90.9	97.5	96.5
HGF (ng/ml)	0.32±0.06	0.31±0.04	0.30±0.03*
Adiponectine (μg/ml) ⁺	2.58	2.64	2.53
EPA/AA ⁺	0.31	0.31	0.31

*: p<0.05, **: p<0.01, ***: p<0.001
Data are means (SD), geometric mean and range. *:These variables are shown in the original scale after analysis using log (natural)-transformed values.
Abbreviations: RLP, Remnant-like particle cholesterol; HOMA, Homeostasis model assessment;
HGF, Hepatocyte growth factor; EPA/AA, Eicosapentaenoic acid to arachidonic acid

Table 3: Laboratory findings before and after ezetimibe monotherapy and combined therapy

	Monotherapy (n=71)		Combined therapy (n=20)	
Parameters	Pre	Post 6M	Pre	Post 6M
Body mass index (kg/m ²)	28.2±3.7	28.0±3.8*	26.2±2.0	25.9±1.6*
Waist circumference (cm)	94.6±8.2	92.8±8.6***	91.0±5.6	88.3±5.3**
Systolic blood pressure (mmHg)	130.1±14.6	128.8±13.2*	125.6±13.8	121.8±11.2
Diastolic blood pressure (mmHg)	77.3±9.5	75.9±10.6*	71.7±8.2	69.5±7.7
Total cholesterol (mg/dl)	237.9±35.9	212.0±33.0***	224.7±27.8	192.2±36.1*
LDL-cholesterol (mg/dl)	151.3±28.6	132.4±28.6***	132.1±26.8	107.8±30.5*
HDL-cholesterol (mg/dl)	51.9±9.9	55.1±9.4***	50.8±11.9	53.3±11.5***
Non HDL-cholesterol (mg/dl)	184.9±31.7	155.6±32.5***	174.6±25.8	141.8±32.2**
Triglycerides ⁺ (mg/dl)	157.5	129.2***	210.9	155.3***
RLP-cholesterol ⁺ (mg/dl)	6.3	4.7**	8.2	4.7***
Free fatty acid ⁺ (mEq/l)	435.9	505.6*	435.4	429.7
Plasma glucose (mg/dl)	105.1±27.9	102.6±26.4*	109.3±21.7	105.1±15.9
Insulin ⁺ (μU/ml)	12.1	9.6**	11.7	11.4
HOMA index ⁺	3.0	2.4**	3.2	2.9
hsCRP ⁺ (mg/dl)	807.0	883.7*	686.1	879.6*
Aldosterone (pg/dl) ⁺	86.9	92.9*	101.6	110.8
HGF (ng/ml)	0.33±0.07	0.31±0.04*	0.31±0.03	0.30±0.02
Adiponectine (μg/ml) ⁺	2.51	2.56	2.49	2.47
EPA/AA ⁺	0.29	0.28	0.39	0.40

*: p<0.05, **: p<0.01, ***: p<0.001

Data are means (SD), geometric mean and range. *:These variables are shown in the original scale after analysis using log (natural)-transformed values.

Abbreviations: RLP, Remnant-like particle cholesterol; HOMA, Homeostasis model assessment;

HGF, Hepatocyte growth factor; EPA/AA, Eicosapentaenoic acid to arachidonic acid