

Table 1. Baseline characteristic of hypothyroid patients and controls.

	Overt Hypothyroid (n=21)	Subclinical Hypothyroid (n=22)	Controls (n=22)	P value
Age	48 (41-55)	47.5 (36-60.5)	47 (41-51.5)	0.897
Weight (kg)	73 (67-81)	68.5 (59-76.25)	68 (60.75-76.25)	0.265
BMI (kg/m ²)	29.24 (23.68-32.33)	26.76 (24.5-30.06)	26.98 (23.27-30.34)	0.74
Waist (cm)	85 (76.5-99.5)	84.5 (71.25-91.5)	82.5 (71-86.25)	0.202
Hip (cm)	107 (101-117.5)	103.5 (89.8-113)	99.5 (90.5-107)	0.072
WHR	0.8 (0.75-0.84)	0.79 (0.75-0.84)	0.8 (0.76-0.83)	0.885
Systolic BP (mmHg)	120 (110-120)	120 (110-120)	120 (110-120)	0.949
Diastolic BP (mmHg)	70 (70-80)	70 (70-80)	75 (70-80)	0.310
FT3 (pg/ml)	2.03 (1-2.38) ^{†‡}	2.54 (2.17-3.08)	2.8 (2.53-2.97)	< 0.001 *
FT4 (ng/dl)	0.62 (0.4-0.75) ^{†‡}	1.23 (1.06-1.34) [†]	1.35 (1.24-1.5)	< 0.001 *
TSH (mIU/L)	52.6 (37.14-122) ^{†‡}	11.25 (7.9-27.8) [†]	1.13 (0.86-1.99)	< 0.001 *
Total Cholesterol (mg/dl)	264 (218-331) ^{†‡}	201 (173-214)	193 (172-204)	< 0.001 *
Triglyceride (mg/dl)	123 (70-156)	112 (87-144)	108 (68-171)	0.878
LDL Cholesterol (mg/dl)	156 (135-218) ^{†‡}	113 (100-127)	110 (90-124)	0.001 *
HDL Cholesterol (mg/dl)	67 (56-88) ^{†‡}	60 (53-69)	55 (47-59)	0.002 *
TC/HDL	3.96 (3.16-4.78)	3.37 (2.81-3.88)	3.3 (2.87-4.52)	0.168
LDL/HDL	2.55 (1.89-3.2)	1.99 (1.55-2.26)	1.97 (1.62-2.9)	0.073
hsCRP (mg/L)	1.01 (0.61-2.26)	2.24 (1.3-4.66)	1.85 (0.87-2.25)	0.062
sCD40L (ng/ml)	6.98 (4.73-7.72) [†]	8.24 (4.46-10.35) [†]	9.86 (8.75-12.23)	< 0.001 *

Data are expressed as median and 25-75 percentiles. Expressed p values were calculated using Kruskal-Wallis test, * p <0.05; [†] vs. control group, p <0.05; [‡] vs. subclinical hypothyroid group, p <0.05.

BMI: Body mass index, BP: Blood pressure, FT₃: Free 3,5,3'-triiodothyronine, FT₄: Free thyroxine, HDL: High density lipoprotein, hsCRP: High sensitive C-reactive protein, LDL: Low density lipoprotein, sCD40L: Soluble CD40 ligand, TC: Total cholesterol, TSH: Thyroid stimulating hormone, WHR: Waist hip ratio.

Conversion factor (CF) for lipid levels (CF x C = SI): 0.02586

CF for FT₃ (CF x C = SI): 1.54, CF for FT₄ (CF x C = SI): 12.9.