

Table 3. Comparisons between patients with type 1 diabetes, autoimmune thyroiditis, and an IgG4 level >+2 SD score (Subgroup 1), patients with type 1 diabetes, autoimmune thyroiditis, and an IgG4 level <+2 SD score (Subgroup 2) and patients with type 1 diabetes without autoimmune thyroiditis (Group 2).

	Group 1 (n=19)			<i>p values</i>			
	Subgroup 1 (n=5)	Subgroup 2 (n=14)	Group 2 (n=19)	Subgroup 1			
				All three groups	vs. Subgroup 2	Subgroup 1 vs. Group 2	Subgroup 2 vs. Group 2
Age (years)	10.1 (8.8-13.2)	13.4 (11.5-15.2)	12.9 (10.5-14.9)	0.317	0.138	0.271	0.500
Gender (female)	3 (60%)	9 (64%)	12 (63%)	0.999	0.999	0.999	0.947
Age at diagnosis (years)	7.3 (6.1-8.8)	9.2 (5.6-13)	9.0 (7.8-11.6)	0.419	0.579	0.126	0.999
Diabetes duration (years)	3.6 (1.9-4.8)	2.1 (0.4-7.4)	3.2 (1.5-5.1)	0.747	0.547	0.749	0.536
Exposure to smoke	4 (80%)	5 (36%)	5 (26%)	0.108	0.293	0.092	0.734
Family history of autoimmune thyroiditis	3 (60%)	2 (14%)	2 (10%)	0.066	0.161	0.071	0.999
Goiter	0 (0%)	2 (14%)	0 (0%)	0.243	0.964	N/A	0.336
Coarse echogenicity ^a	3 (75%)	6 (60%)	-	0.999	N/A	N/A	N/A
Thyroid volume SDS ^a	0.1 (0.01-1.26)	-0.63 (-1.24-0.42)	-	0.188	N/A	N/A	N/A
Pubertal subjects	3 (60%)	10 (71%)	13 (68%)	0.999	0.999	0.999	0.999
25(OH) Vitamin D (ng/mL)	11.3 (8.7-16.2)	10.5 (8.7-13.3)	9.8 (7.7-11)	0.473	0.578	0.271	0.423
TgAb (IU/mL)	12.1 (1.9-80.0)	34.8 (5.4-298.2)	0.86 (0.77-1.61)	0.001	0.459	0.001	0.001
TPOAb (IU/mL)	46.3 (23.9-593.0)	192.7 (67.7-365.6)	0.18 (0.06-0.25)	0.001	0.517	0.001	0.001
IgG4 (mg/dL)	84.5 (73.9-188)	18.9 (8.1-33.7)	17.2 (9.8-27.6)	0.002	0.001	0.001	0.855
IgG4/Total IgG	0.080 (0.060-0.114)	0.017 (0.007-0.036)	0.017 (0.009-0.033)	0.002	0.001	0.001	0.855

Results are given as n (%) and median (25th - 75th percentile); ^a: Ultrasonography could not be performed in 1 case from Subgroup 1 and 4 cases from Subgroup 2. SDS: standard deviation score; TgAb: antithyroglobulin antibodies; TPOAb: antithyroid peroxidase antibodies; IgG: immunoglobulin G; N/A: not applicable.