

*Supplementary Table 1 Type and frequency of the autoimmune diseases observed among patients with Hashimoto's thyroiditis*

<b>Autoimmune disease</b>	<b>Number of patients (%)</b>
<b>Vitiligo</b>	25 (3.0)
<b>Rheumatoid arthritis</b>	18 (2.1)
<b>Systemic lupus erythematosus</b>	12 (1.4)
<b>Multiple sclerosis</b>	12 (1.4)
<b>Diabetes mellitus type 1</b>	10 (1.2)
<b>Sjögren's disease</b>	9 (1.1)
<b>Psoriatic arthritis</b>	9 (1.1)
<b>Premature ovarian failure</b>	9 (1.1)
<b>Systemic scleroderma</b>	6 (0.7)
<b>Inflammatory bowel diseases (Colitis ulcerosa/Crohn's disease)</b>	6 (0.7)
<b>Psoriasis</b>	6 (0.7)
<b>Addison's disease</b>	6 (0.7)
<b>Celiac disease</b>	5 (0.6)
<b>Idiopathic thrombocytopenic purpura</b>	4 (0.5)
<b>Autoimmune liver diseases (primary biliary cholangitis, autoimmune hepatitis)</b>	3 (0.4)
<b>Alopecia areata</b>	3 (0.4)
<b>Glomerulonephritis</b>	2 (0.3)
<b>Polymyalgia rheumatica</b>	2 (0.3)
<b>Mixed connective tissue disease</b>	1 (0.1)
<b>Lichen planus</b>	1 (0.1)
<b>Dermatomyositis</b>	1 (0.1)
<b>Myasthenia gravis</b>	1 (0.1)
<b>Vasculitis</b>	1 (0.1)
<b>Ankylosing spondylitis</b>	1 (0.1)
<b>Seronegative arthritis</b>	1 (0.1)
<b>Autoimmune hemolytic anemia</b>	1 (0.1)
<b>Pemphigus vulgaris</b>	1 (0.1)
<b>Schoenlein Henoch purpura</b>	1 (0.1)
<b>Myelitis transversa</b>	1 (0.1)
<b>Latent autoimmune diabetes in adults</b>	1 (0.1)
<b>Autoimmune polychondritis</b>	1 (0.1)
<b>CREST syndrome</b>	1 (0.1)

Supplementary Table 2 Univariate and multivariate analysis of factors associated with papillary thyroid carcinoma among women

Characteristics	With PTC	Without PTC	Univariate analysis (p value)	Multivariate analysis (OR, 95% CI)
Age (years)	48.9±17.4	50.2±14.0	0.624	1.001 (0.971-1.032)
APCA	8 (30.8%)	135 (20.2%)	0.215	1.680 (0.616-4.586)
TPO antibodies	16 (69.6%)	569 (85.6%)	<b>0.043</b>	<b>0.315 (0.113-0.881)</b>
Tg antibodies	20 (76.9%)	462 (70.6%)	0.523	0.867 (0.308-2.439)
Family history for thyroid autoimmunity	19 (73.1%)	365 (55.0%)	0.073	<b>3.228 (1.173-8.887)</b>
Coexistence of other autoimmune diseases	2 (7.7%)	122 (18.3%)	0.201	0.404 (0.093-1.761)
Nagelkerke R Square 0.071, Cox & Schnell R Square 0.018 for logistic regression analysis APCA, anti-parietal cell antibodies; TPO, thyroid peroxidase; Tg, thyroglobulin, PTC, papillary thyroid carcinoma; OR, odds ratio; 95% CI, 95% confidence intervals				

Supplementary Table 3 Univariate and multivariate analysis of factors associated with malignancies

Characteristics	With malignancy	Without malignancy	Univariate analysis (p value)	Multivariate analysis (OR, 95% CI)
Age (years)	54.2±15.4	49.6±14.4	<b>0.006</b>	<b>1.024 (1.007-1.042)</b>
Gender (females)	74 (87.1%)	619 (82.0%)	0.293	1.363 (0.696-2.669)
APCA	22 (25.9%)	158 (20.9%)	0.328	1.124 (0.641-1.973)
TPO antibodies	67 (82.7%)	650 (86.2%)	0.401	0.682 (0.354-1.316)
Tg antibodies	59 (71.1%)	519 (70.0%)	0.900	0.934 (0.547-1.595)
Family history for thyroid autoimmunity	48 (56.5%)	413 (55.1%)	0.819	1.212 (0.752-1.954)
Coexistence of other autoimmune diseases	10 (11.8%)	130 (17.2%)	0.223	0.654 (0.326-1.313)
Nagelkerke R Square 0.030, Cox & Schnell R Square 0.014 for logistic regression analysis APCA, anti-parietal cell antibodies; TPO, thyroid peroxidase; Tg, thyroglobulin; OR, odds ratio; 95% CI, 95% confidence intervals				