ESPE Code	***Diagnosis of disorders of the thyroid gland according to the European society of Pediatric Endocrinology (ESPE)***	**OMIM**	**ICD-10**
7A	**HYPOTHYROIDISM**		
7A.1	**Congenital (primary) hypothyroidism (permanent)** *Included:* Late-onset hypothyroidism due to thyroid dysgenesis or dyshormonogenesis		E03.1
7A.1a	Disorders classified elsewhere: *Secondary and tertiary hypothyroidism* (6A.2) *Thyroid hormone resistance* (7E.3)		
7A.1b	Developmental defects/thyroid dysgenesis		
7A.1b.1	Athyrosis/agenesis	#218700	E03.1
7A.1b.2	Hypoplasia/hypogenesis	#218700	E03.1
7A.1b.3	Ectopy	#218700	Q89.2
7A.1c	Inherited defects of thyroid hormone biosynthesis/thyroid dyshormonogenesis		E07.1
7A.1c.1	Iodine transport defect	#274400	
7A.1c.2	Organification defects due to an abnormality in the TPO enzyme or in the H2O2 generating system (includes Pendred syndrome)	#274500 #274600 #607200	
7A.1c.3	Defective thyroglobulin synthesis or transport	188450	
7A.1c.4	Abnormal iodotyrosine deiodinase (dehalogenase) activity	274800%	
7A.1d	TSH-receptor defects/TSH unresponsiveness	#218700 #275200	E07.9
7A.1y	Other specified disorders		
7A.1z	Other disorders, unspecified		
7A.2	**Transient congenital hypothyroidism**		
7A.2°	Iodine deficiency		E00
7A.2b	Drug induced		
7A.2b.1	Maternal anti-thyroid drug therapy		P72.2 E03.2
7A.2b.2	Iodine excess due to iodinated contrast media		P72.2 E03.2
7A.2b.3	Iodine excess from other sources		P72.2 E03.2
7A.2b.8	Other specified goitrogen		P72.2 E03.2
7A.2b.9	Other goitrogen, unspecified		P72.2 E03.2
7A.2c	Maternal thyroid autoantibodies		P72.2
7A.2d	Thyroid dysfunction in prematurity (including transient hypothyroxinaemia, transient primary hypothyroidism, transient hyperthyrotropinaemia, low T3 syndrome)		P72.2
7A.2y	Other specified disorder		P72.2
7A.2z	Idiopathic		P72.2

7A.3	**Acquired primary hypothyroidism**		
7A.3a	Due to disorder classified elsewhere: *Non-autoimmune thyroiditis* (7E.4)		
7A.3b	Autoimmune thyroiditis/Hashimoto‘s thyroiditis with decreased thyroid function	140300%	E06.3
7A.3c	Iodine deficiency		E01
7A.3d	Iatrogenic		E89.0
7A.3d.1	Post-irradiation		
7A.3d.2	Post-operative		
7A.3e	Iodine excess		E03.2
7A.3f	Drug-induced, including environmental conditions (goitrogens)		E03.2
7A.3g	Systemic diseases		E03.8
7A.3y	Other specified disorders		E03.8
7A.3z	Idiopathic		E03.9
7B	**HYPERTHYROIDISM**		
7B.1	**Congenital hyperthyroidism (neonatal thyrotoxicosis)**		
7B.1a	Disorders classified elsewhere: *Isolated pituitary resistance to thyroid hormone* (7E.3b)		
7B.1b	Maternal autoimmune thyroid disease (neonatal Graves’ disease) (usually transient)		P72.1
7B.1c	Activating TSH-receptor mutation	#609152	E05.8
7B.1d	G-protein mutations		E05.8
7B.1d.1	As part of McCune Albright [primary 14B.22]	#174800	E05.8
7B.1d.2	Other		E05.8
7B.2	**Acquired primary hyperthyroidism**		
7B.2a	Due to disorder classified elsewhere: *Thyroid adenoma* (7D.1) *Hyperfunctioning carcinoma* (7D.2) *Non-autoimmune thyroiditis* (7E.4) *Steinert syndrome* (14B.35)		
7B.2b	Graves’ disease, hashitoxicosis (Hashimoto’s toxicosis)	140300%	E05.0
7B.2c	Exogenous		
7B.2c.1	Excessive intake of thyroid hormones		E05.4
7B.2c.2	Iodine induced (‘Jod-Basedow’)		E05.4
7B.2y	Other specified disorder, e.g. choriocarcinoma, hydatidiform mole		E05.9
7B.2z	Idiopathic		E05.9
7C	**GOITRE**		
7C.0	**Due to disorder classified elsewhere** *Supplementary code only If hypothyroid use code from* 7A *If hyperthyroid use code from* 7B		

7C.1	**Euthyroid goitre**		E04
7C.1a	Disorders classified elsewhere: *Non-autoimmune thyroiditis* (7E.4)		
7C.1b	Dyshormonogenetic		E07.1
7C.1b.1	Iodine transport defect	#274400	
7C.1b.2	Organification defects due to an abnormality in the TPO enzyme or in the H2O2 generating system (includes Pendred syndrome)	#274500 #274600 #607200	
7C.1b.3	Defective thyroglobulin synthesis or transport	188450	
7C.1b.4	Abnormal iodotyrosine deiodinase (dehalogenase) activity	274800%	
7C.1c	TSH-receptor defects/TSH unresponsiveness	#218700 #275200	E07.9
7C.1d	Iodine deficiency		E01, E02
7C.1e	Autoimmune/Hashimoto's thyroiditis with normal thyroid function	140300%	E06.3
7C.1f	Drug-induced/goitrogen exposure		E04.8
7C.1g	Nodular goitre due to cysts or haemorrhage		
7C.1y	Other specified disorder		E04.8
7C.1z	Idiopathic (juvenile goitre, adolescent goitre, simple goitre)		E04.9
7D	**THYROID TUMOURS**		
7D.1	**Adenomas**		D34
7D.2	**Carcinomas**		C73, D44
7D.2a	Papillary	#188550	
7D.2b	Follicular		
7D.2c	Medullary (C cell carcinoma)		
7D.2c.1	Sporadic		
7D.2c.2	Part of MEN 2A [primary 14C.5b]	#171400	D44.8 M8360/1
7D.2c.3	MEN 2B [primary 14C.5c]	#162300	D44.8 M8360/1
7D.2c.4	Other familial forms (RET, NTRK1)	#155240	
7D.2d	Undifferentiated/anaplastic		
7D.2y	Other specified carcinoma		
7D.2z	Other carcinoma, unspecified		
7D.8	**Other specified tumour** E.g. lymphoma, sarcoma	D44 C73	
7D.9	**Other tumour, unspecified**		D44.0, C73, D34
7E	**OTHER THYROID DISORDERS**		
7E.1	**Sick-euthyroid syndrome** *Excluded:* Thyroid dysfunction in prematurity (7A.2d)		E07.8
7E.2	**Disorders of thyroid hormone transport**		E07.8
7E.2a	TBG deficiency	314200	
7E.2b	TBG excess		
7E.2c	Transthyretin (TTR) variants	176300	
7E.2d	Familial dysalbuminaemic hyperthyroidism	176300	
7E.3	**Thyroid hormone resistance syndromes**		E07.9
7E.3a	Generalised thyroid hormone resistance (GTHR)	#188570	
7E.3b	Pituitary resistance to thyroid hormone (PitRTH)	#145650	
7E.3c	Peripheral resistance to thyroid hormone (PRTH)	#188570	

7E.4	**Non-autoimmune thyroiditis**		
7E.4a	Non-autoimmune thyroiditis due to viral or bacterial agents		E06.0
7E.4b	Acute suppurative thyroiditis		E06.0
7E.4c	Subacute thyroiditis		E06.1
7E.5	**Other thyroid disorders, unspecified**		