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Supplementary appendix

This appendix formed part of the original submission and has been peer reviewed. We post it as supplied by the authors.

Supplement to: Kitahara C M, Daltveit D S, Ekbom A, et al. Maternal health, in-utero, and perinatal exposures and risk of thyroid cancer in offspring: a Nordic population-based nested case-control study. *Lancet Diabetes Endocrinol* 2020; published online December 18. [http://dx.doi.org/10.1016/S2213-8587\(20\)30399-5](http://dx.doi.org/10.1016/S2213-8587(20)30399-5).

Supplementary Table 1. ICD codes used to classify the perinatal exposures and thyroid cancer outcomes

First primary thyroid cancer	ICD-8 and ICD-9 193; ICD-10 C73
<u>Thyroid cancer histology</u> Papillary carcinoma Follicular carcinoma Medullary carcinoma Anaplastic carcinoma	ICD-O-3: 8050, 8260, 8340-8344, 8350, 8450-8460 8290, 8330-8335 8345, 8510-8513 8020-8035
<u>Single/multiple births</u> Singletons Twins Multiples Unspecified	ICD-8 Y80; ICD-10 Z37.0 ICD-8 Y81-Y83; ICD-10 O30.0, Z37.2-Z37.3 ICD-8 Y84-Y87; ICD-10 O30.1, O30.2, O30.8, Z37.5-Z37.6 ICD-8 Y89; ICD-10 O30.9, Z37.9
Preterm delivery	ICD-10 O60.1, Z3A.01-Z3A.36, or based on gestational age
<u>Benign thyroid disease diagnoses (before/during pregnancy)</u> Hypothyroidism Hyperthyroidism Goiter Thyroiditis Benign neoplasm of thyroid gland Other benign thyroid conditions	ICD-8 244; ICD-10 E02, E03 ICD-8 242; ICD-10 E05 ICD-8 240, 241; ICD-10 E01, E04 ICD-8 245; ICD-10 E06 ICD-8 226, ICD-10 D34 ICD-8 246; ICD-10 E07
<u>Neonatal diagnoses</u> Congenital hypothyroidism Neonatal jaundice	ICD-8 243; ICD-10 E00, E03.0-E03.1 ICD-8 774, 775, 778.91, 778.99; ICD-10 P57-P59
<u>Pregnancy complications</u> Preeclampsia/eclampsia Gestational hypertension Gestational diabetes Postpartum hemorrhage Placental abruption Placenta previa Hyperemesis Pregnancy anemia	ICD-8 637.03-637.04, 637.09-637.10, 637.99; ICD-10 O11, O14-O15 ICD-8 637.00; ICD-10 O13, O19 ICD-8 634.74; ICD-10 O24.4, O99.81 ICD-8 653.0-653.9; ICD-10 O46, O72 ICD-8 632.10, 651.4; ICD-10 O45 ICD-8 632.0, 651.0-651.3; ICD-10 O44 ICD-8 638.09, 638.9; ICD-10 O21 ICD-8 633; ICD-10 O99.0
<u>Pre-pregnancy diagnoses</u> Diabetes Hypertension	ICD-8 249-250; ICD-10 E10.0-E11.9, Z79.4, O24.0-O24.3, O24.8-O24.9 ICD-10 O10-O11