Appendix 1 (as submitted by the authors): Supplemental tables and figure for an article about TSH measurement and management during and after pregnancy

	Adjusted Model Odds Ratio (95% Confidence Interval)	p-value	
TSH testing			
Maternal age ≥35 years	1.16 (1.14, 1.19)	< 0.0001	
Smoking	0.75 (0.73, 0.77)	< 0.0001	
Nulliparous	1.18 (1.16, 1.21)	< 0.0001	
Pre-pregnancy weight >91kg	0.99 (0.96, 1.02)	0.4	
Urban	1.79 (1.75, 1.83)	< 0.0001	
Chronic kidney disease	1.09 (0.79, 1.48)	0.6	
Pre-existing hypertension	1.05 (0.96, 1.16)	0.3	
Gestational hypertension	1.24 (1.18, 1.29)	< 0.0001	
Other medical disorders	1.27 (1.23, 1.32)	< 0.0001	

Table A2: Characteristics of 4417 participants who did and did not have treatment for minor TSH elevations (4.01 to 9.99) during pregnancy

	Treated	Untreated	OR (95% Confidence Interva		
	n=2451	n=1966			
Maternal Characteristics					
Maternal age in years	30.3±4.7	30.1±5.1	1.01 (0.99, 1.02)		
≥35 years	435 (17.9)	365 (18.7)	0.95 (0.81, 1.10)		
Nulliparous	1356 (55.4)	1072 (54.7)	0.94 (0.91, 1.02)		
Pre-pregnancy weight					
≤45kg	41 (1.7)	20 (1.0)	0.59 (0.35, 1.02)		
46-90kg	2152 (88.2)	1772 (90.6)	Reference		
≥91kg	248 (10.2)	164 (8.4)	0.74 (0.42, 1.30)		
Smoking	181 (7.4)	149 (7.6)	0.96 (0.84, 1.07)		
Heart disease	9 (0.4)	10 (0.5)	0.72 (0.29, 1.78)		
Pre-pregnancy hypertension	29 (1.2)	22 (1.1)	1.06 (0.61, 1.85)		
Gestational hypertension	163 (6.7)	125 (6.4)	1.05 (0.82, 1.33)		
Chronic kidney disease	3 (0.2)	5 (0.2)	1.34 (0.32, 5.60)		
Family physician ordered TSH	1549 (63.2)	1235 (62.8)	0.96 (0.92, 1.04)		

Data are presented as means (standard deviation) or counts (%); Missing data < 1% for all variables considered.

Table A3: TPO antibody testing during pregnancy by highest TSH and thyroid hormone initiation during pregnancy and continuation postpartum

Highest TSH measurement in mIU/L	<0.10	0.10-2.50	2.51–4.00	4.01 to 9.99	≥10.00	All
Highest TSH measurement among pregnancies that had TPO antibody testing done* - n (%)	131 (3.5)	1585 (42.8)	934 (26.0)	891 (24)	170 (4.6)	Of the 4662 pregnancies with TPO antibody testing, 3711 had TSH tested
Initiated on thyroid hormone – n (%)	0	103 (6.5)	293 (31.4)	627 (70.4)	93 (54.7)	1116
Continued on thyroid hormone postpartum – n (%)	0	51 (49.5)	101 (34.5)	314 (50.1)	69 (74.2)	535 (47.9)

The denominator of the % is in the row above and corresponds with the number of pregnancies that had highest TSH value in the row at the top of the table unless otherwise indicated. * The denominator of the % is 3711 which is the number of pregnancies that had a TSH tested out of the 4662 who had TPO antibody testing.

Table A4: Pregnancies with TPO antibody testing \geq 35 kIU/L by highest TSH and thyroid hormone initiation during pregnancy and continuation postpartum

Highest TSH measurement	< 0.10	0.10-2.50	2.51 - 4.00	4.01-9.99	≥10.00	All
in mIU/L						
TPO antibody $\geq 35 \text{ kIU/L} -$	0	141	125	243	79	588
n						
Initiated on thyroid	0	31 (22.0)	71 (56.8)	199 (81.9)	59 (74.7)	360 (61.2)
hormone – n (%)						
Continued on thyroid	0	22 (71.0)	32 (45.1)	132(66.3)	47 (79.7)	233 (64.7)
hormone postpartum – n						
(%)						

The denominator of the % is in the row above and corresponds with the number of pregnancies that had highest TSH value in the row at the top of the table unless otherwise indicated.

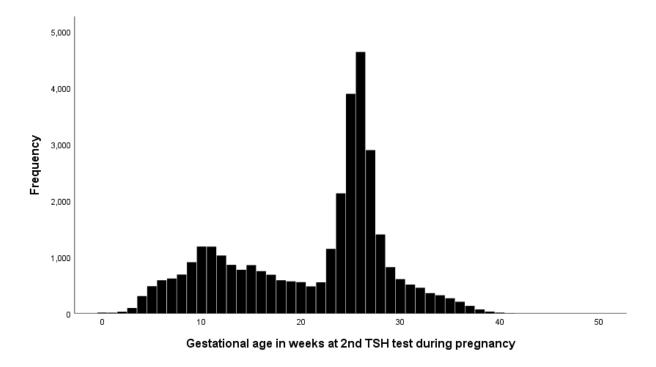


Figure A1: Gestational age at 2nd TSH for pregnancies among women without thyroid disease prior to pregnancy