**Conclusions:** These findings suggest considerable overuse of thyroxine therapy. In cases of uncertainty, the existence of nodules, a low-normal TSH value, a relatively small T4 dose, and the absence of ATA are strong predictors of hypothyroidism, and accordingly a treatment discontinuation trial is recommended. Furthermore, if hypothyroidism does not ensue 2-4 months post-treatment discontinuation, the likelihood to develop hypothyroidism in the long term is minimal.1. Livadas S, et al. Thyroid 2018.

**Presentation:** Saturday, June 11, 2022 1:00 p.m. - 3:00 p.m.