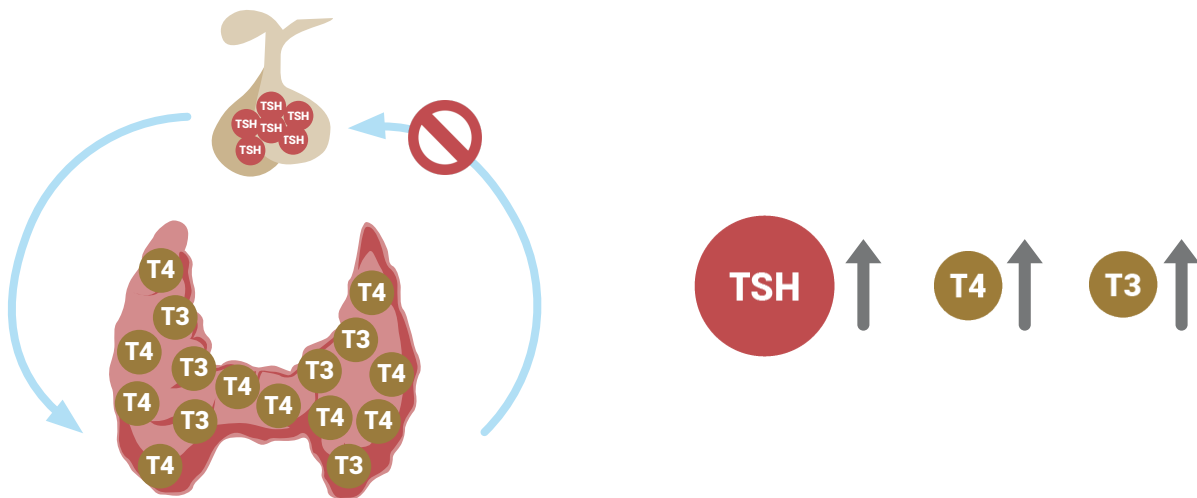


HYPERTHYROIDISM

Understanding the causes of secondary hyperthyroidism

Hyperthyroidism due to overproduction of TSH from the pituitary is rare. In this case, the hyperthyroidism is due to an autonomously functioning pituitary tumor, secreting TSH which is not subject to normal feedback inhibition. Thus TSH is elevated with elevated T3/T4.



Clinically patients present with goiter, due to elevated TSH levels, and compressive symptoms (headache and visual symptoms) due to the pituitary mass.

Further reading

Ross DS. American Thyroid Association guidelines for diagnosis and management of hyperthyroidism and other causes of thyrotoxicosis. *Thyroid*. 2016. 26(10):1343–1421.