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TSH-secreting pituitary adenoma

INSERM

Source

INSERM. (1999). *Orphanet: an online rare disease and orphan drug data base. TSH-secreting pituitary adenoma. ORPHA:91347*

A rare, functioning, pituitary adenoma characterized by the presence of a pituitary mass associated with high levels of circulating, free, thyroid hormones in conjunction with normal to high levels of TSH and unresponsiveness of TSH levels to TRH stimulation and T3 suppression tests, typically manifesting with signs and symptoms of mild to moderate hyperthyroidism (e.g. goiter (most frequently observed), palpitation, excessive sweating, arrhythmia, weight loss, tremor) and/or tumor mass effect (such as headache, visual field defects, hypopituitarism). Occasionally, cosecretion of prolactin and/or growth hormone may cause galactorrhea and/or acromegaly.