

Pituitary macroadenoma

- [Pituitary incidentaloma: a Pituitary Society international consensus guideline statement](#)
 - [Predictive factors for post-therapeutic biochemical discordance in acromegaly: a monocentric analysis of 156 cases](#)
 - [Secondary Pituitary Abscess Inside a Macroadenoma Complicated by Postoperative Hemorrhage and Reinfection: A Case Report](#)
 - [Hypersomatotropism and Hypercortisolism Caused by a Plurihormonal Pituitary Adenoma in a Dog](#)
 - [Pituitary surgery in New Zealand: A single neurosurgeon case series of 1,224 operations](#)
 - [Diagnostic Challenges of Thyrotropin-Secreting Hypophyseal Macroadenoma Associated with Papillary Thyroid Carcinoma: Case Report and Literature Review](#)
 - [Importance of symptoms acuity for clinical diagnosis of primary sellar atypical teratoid/rhabdoid tumor](#)
 - [Specific imaging features of sellar atypical teratoid/rhabdoid tumor or the lack of thereof](#)
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[Pituitary neuroendocrine tumor](#) greater than 10 mm in size and are approximately twice as common as pituitary [microadenomas](#).

Pituitary macroadenomas are the most common suprasellar mass in adults, and responsible for the majority of transsphenoidal hypophysectomies.

see [Nonfunctioning pituitary macroadenoma](#).

Clinical features

see [pituitary neuroendocrine tumor clinical features](#).

[Headache](#) possible due to elevated [intrasellar pressure](#).

Presentation may be the result of: endocrine syndromes, [mass effect](#), [incidental finding](#) (essentially only with macroadenomas).

Biomarkers

[Biomarkers](#) of aggressive behavior have been identified in the pathology literature, including the proliferative marker [MIB1](#).

Diagnosis

[Pituitary macroadenoma diagnosis](#)

Differential Diagnosis

[Tuberculum sellae meningioma](#)

Treatment

The goal of treatment is complete cure. When this is not attainable, reducing tumor mass, restoring hormone function, and restoring normal vision are attempted using medications, surgery, and radiation. Pituitary macroadenomas often require surgical intervention for cure. The exceptions to this rule are the [macroprolactinomas](#), which usually have an excellent response to medical therapy. The tumor size may be diminished but often does not disappear completely. Medical treatment can play a role in reducing tumor size, controlling hormonal excess, or correcting hormonal deficiency.

see [Pituitary macroadenoma surgery](#).

Case series

see [Pituitary macroadenoma case series](#).

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