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Collana	Cancer etiology, diagnosis and treatments
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Nota di contenuto	Prolactinomas and weight gain -- Prolactin and adipocytes -- Prolactin and appetite -- Prolactin secretion in obesity -- Disruption to the dopamine control pathway and weight gain.
Sommario/riassunto	Prolactinomas, tumors that produce prolactin (PRL), are one of the most frequent pituitary tumors and the main cause of pathological hyperprolactinemia. These tumors are more frequently diagnosed in women and usually affect the reproductive axis, leading to secondary hypogonadism. The diagnosis of prolactinoma is based on the presence of clinical features -- such as menstrual irregularity, erectile dysfunction, galactorrhea, and infertility -- and the detection of elevated serum PRL levels and confirmed by the existence of a pituitary tumor on magnetic resonance imaging. This book discusses the relation between prolactinomas and the increase in body fat and weight.