Cushing's disease: Cushing's disease is a form of Cushing's syndrome, a rare condition caused by excess corticosteroid hormones in the body (high level of cortisol) and characterized chiefly by obesity of the trunk and face, high blood pressure, fatigue and loss of calcium from the bones. Cushing's disease is caused more precisely by a tumor or excess growth of the pituitary gland which indirectly leads to a high level of cortisol.