

Posterior Lobe

Hormones are also secreted by the pituitary gland's posterior lobe. These hormones are typically synthesized in the hypothalamus and stored in the posterior lobe until released.

The following hormones are stored in the posterior lobe:

Vasopressin. This hormone is also known as the antidiuretic hormone. It aids your body's ability to save water and avoid dehydration.

Oxytocin. This hormone promotes the production of breast milk. It also promotes uterine contractions during labor.

Pituitary Gland Conditions

Several disorders can have an impact on your pituitary gland. The majority are caused by a tumor in or around the pituitary gland. This can affect hormone release.

Pituitary gland problems include the following:

Pituitary Tumors. Pituitary tumors are typically benign. They do, however, frequently interfere with hormone release. They can also push against other parts of your brain, causing vision issues or headaches.

Hypopituitarism. Your pituitary gland produces very little or none of one or more of its hormones as a result of this illness. This can have an impact on factors like growth and reproductive system function.

Acromegaly. In this condition, your pituitary gland generates an excessive amount of growth hormone. This might result in excessive development, particularly of your hands and feet. It is frequently linked to pituitary tumors.

Diabetes Insipidus. This can be caused by a vasopressin release issue. It is frequently the result of a brain injury, surgery, or a tumor. As a result, those suffering from this illness pass enormous volumes of very dilute urine. They may also feel the desire to consume a large amount of water or other fluids.

Cushing's Disease. In persons with this condition, the pituitary gland produces an excessive amount of adrenocorticotrophic hormone. This might result in bruising easily, high blood pressure, weakness, and weight gain. It is frequently caused by a tumor in or near the pituitary gland.

Hyperprolactinemia. Your blood has an abnormally high level of prolactin with this disease. This can result in infertility and diminished sexual desire.

Traumatic Brain Injury. This entails receiving a direct hit to the head. Depending on the severity of the injury, it may induce pituitary gland damage and issues with memory, communication, or behavior.

Tips for Pituitary Gland Health