P

Pallidum

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Synonyms

[Globus pallidus](#)

Definition

The pallidum, also known as the globus pallidus, together with the putamen forms the lentiform nucleus.

Current Knowledge

The pallidum, also known as the globus pallidus, together with the putamen forms the lentiform

nucleus. This nucleus is a major component of the basal ganglia, the gray matter masses at the base of the cerebral hemispheres. Components of the basal ganglia are primarily involved with the control of movements as well as affective behaviors, sensorimotor integration, and cognitive functions. The pallidum itself is formed of two segments, termed medial (internal) and lateral (external), both of which contain GABAergic neurons that depress movements by tonically inhibiting target neurons within the thalamus. A loss of pallidal neurons due to disease or stroke, therefore, leads to movement disorders or dyskinesias.

See Also

- ▶ [Globus Pallidus](#)
- ▶ [Lentiform Nucleus](#)