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Lingual Gyrus

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nucleus, and is supplied by the posterior cerebral artery. The visual input to the lingual gyrus ultimately originates from the inferior portion of the retinas (inferior temporal portion of the ipsilateral eye and inferior nasal portion of the contralateral eye). Thus, a lesion involving this gyrus would be expected to result in a contralateral superior homonymous quadrantanopsia.

Definition

Gyrus on the medial surface of the occipital lobe, lying just below the calcarine fissure (see figures in “► [Calcarine Fissure](#)” and “► [Cuneus](#)”). It represents part of the primary visual cortex, receives direct input from the ipsilateral lateral geniculate

Cross-References

- [Calcarine Fissure](#)
- [Visual System](#)