The anterior choroidal artery arises from the internal carotid artery, near the posterior communicating artery, and rarely from the middle cerebral artery.[1] Passing backward and lateral ward between the temporal lobe and the cerebral peduncle, it enters the inferior horn of the lateral ventricle through the choroidal fissure and ends in the choroid plexus. It is distributed to the hippocampus, fimbria, tela choroidea of the third ventricle, and choroid plexus.

**Blood supply**

The anterior choroidal artery supplies the following structures:

1. choroid plexus of the lateral ventricle and third ventricle
2. optic chiasm and optic tract
3. internal capsule
4. lateral geniculate body
5. globus pallidus
6. tail of the caudate nucleus
7. hippocampus
8. amygdala
9. substantia nigra
10. red nucleus
11. crus cerebri
Anterior choroidal artery

References


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See also:

1. Anterior Cerebral Artery
2. The anterior communicating artery
3. Communicating segment of the Internal carotid artery
4. Internal carotid artery, anatomical portions