

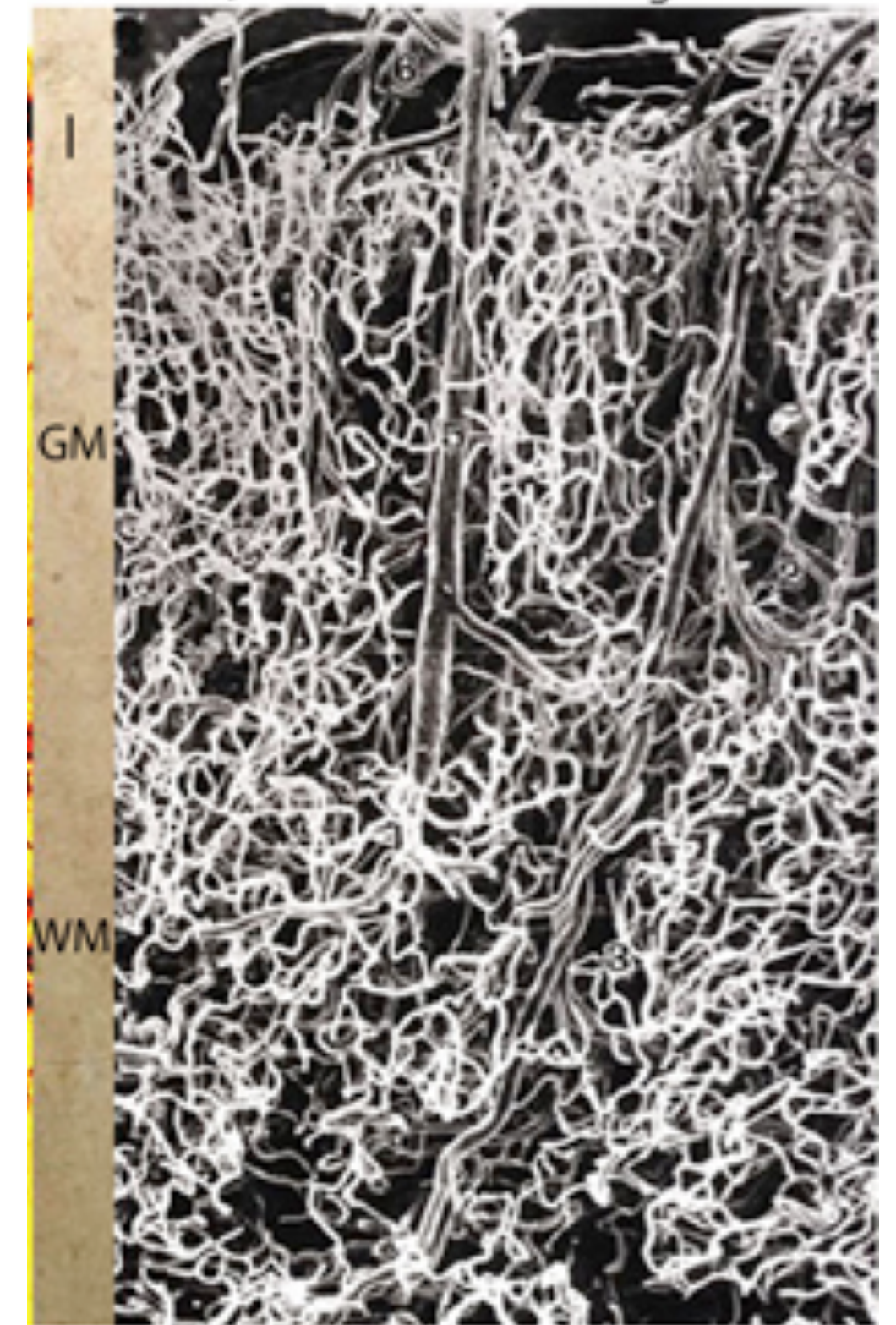
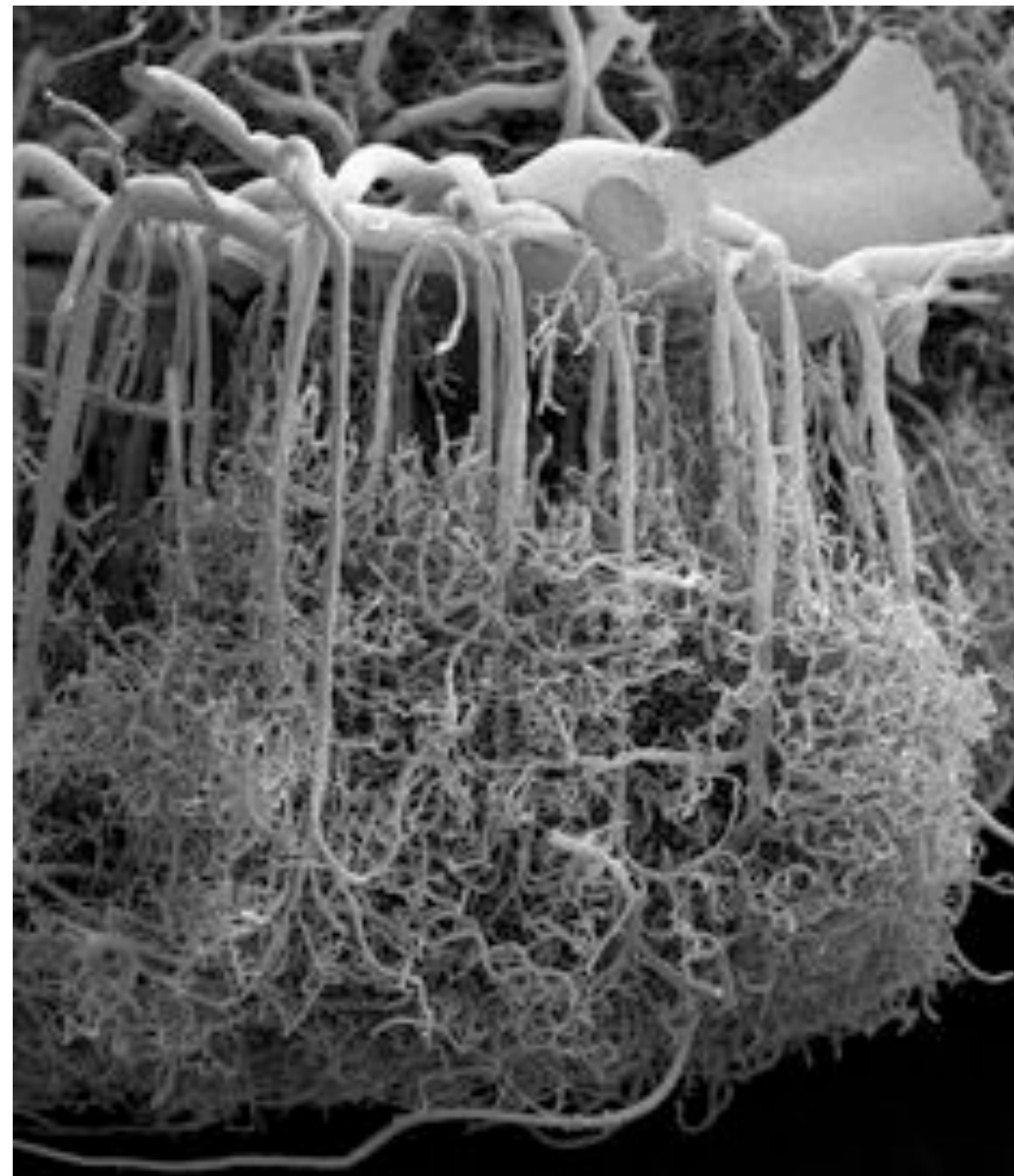
Module 3: Vascular Anatomy of the Human Brain

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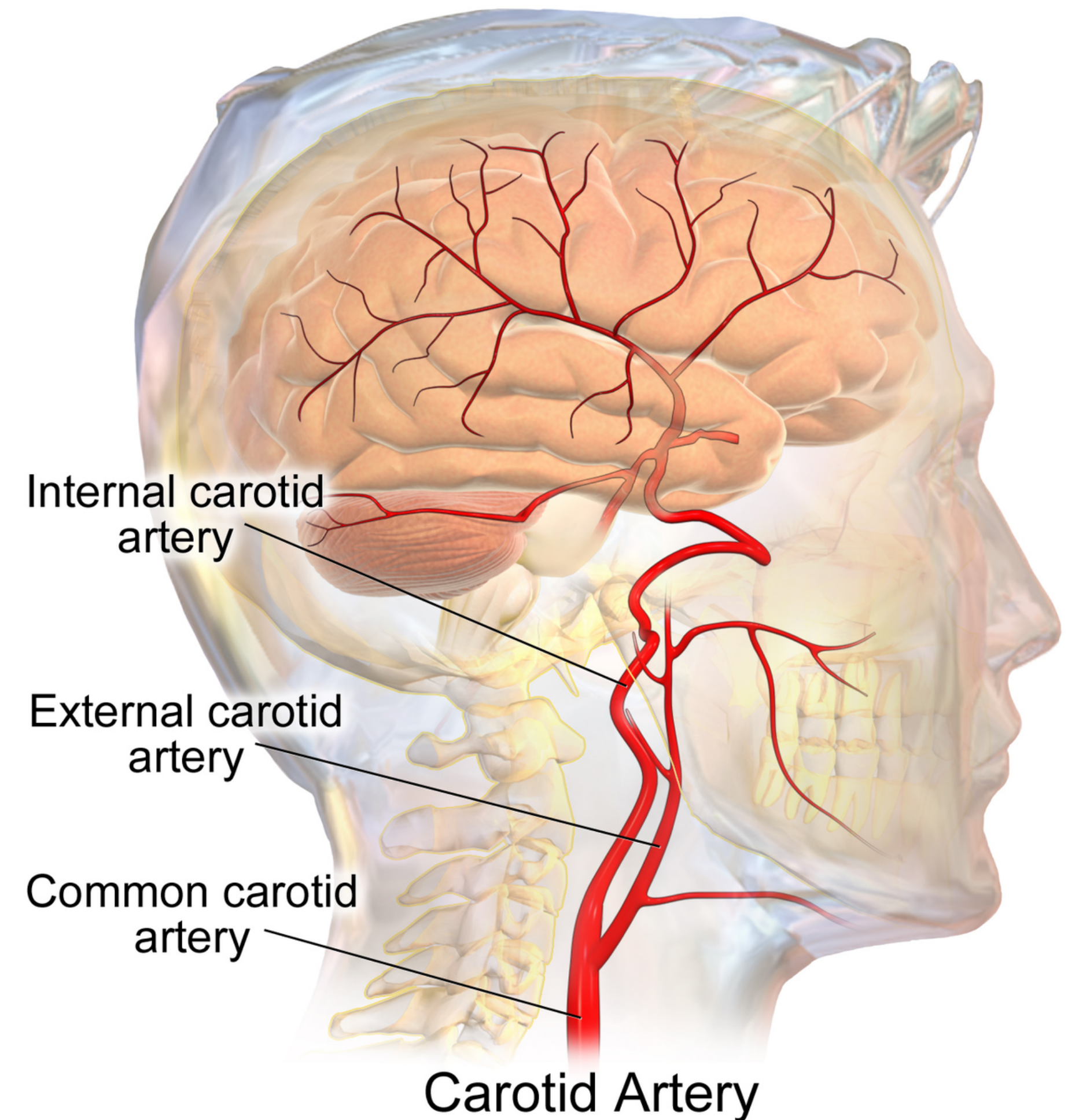
Vascular Anatomy

The brain consumes a tremendous amount of energy and oxygen which is supplied by a highly intricate systems of arteries and veins.



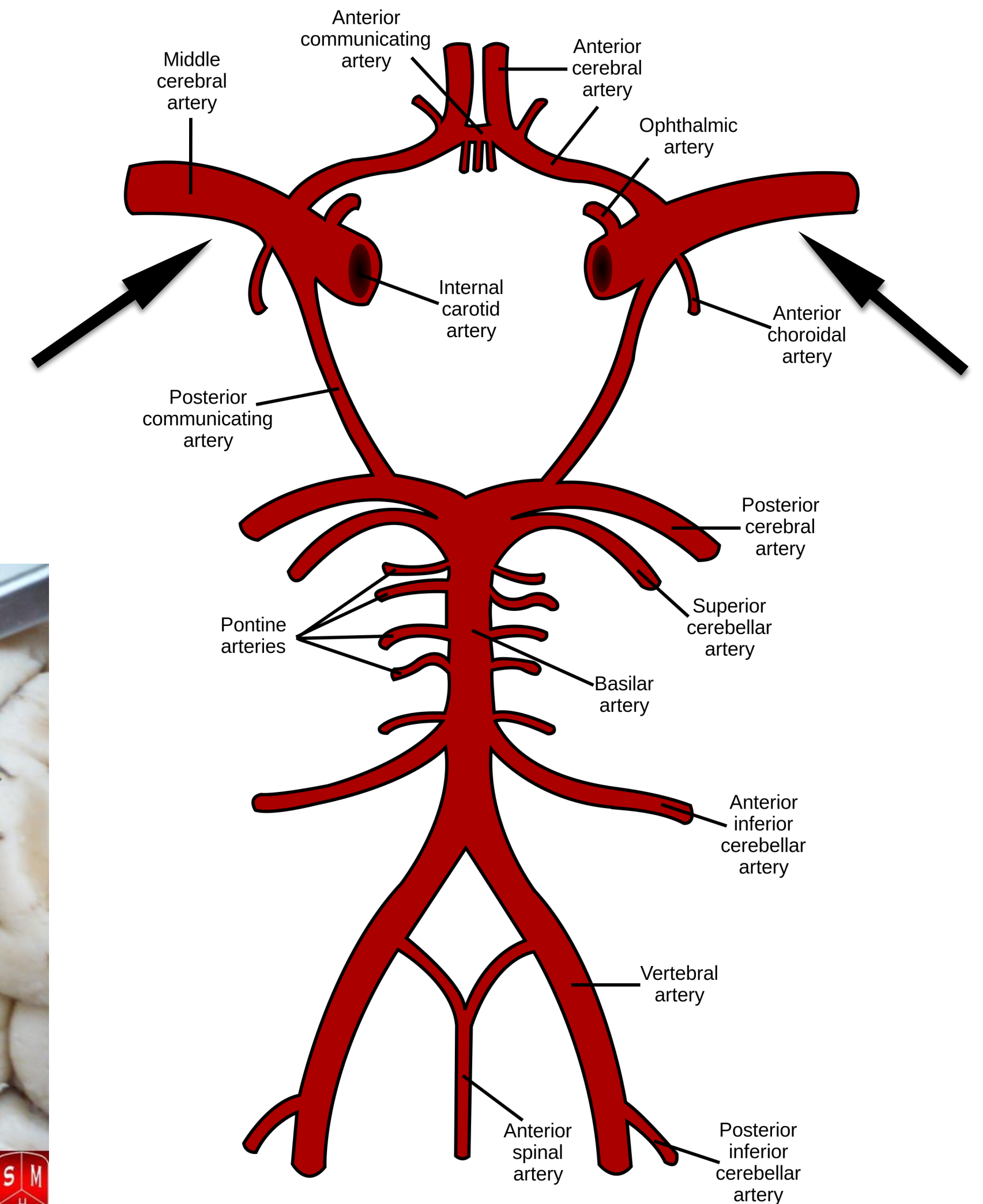
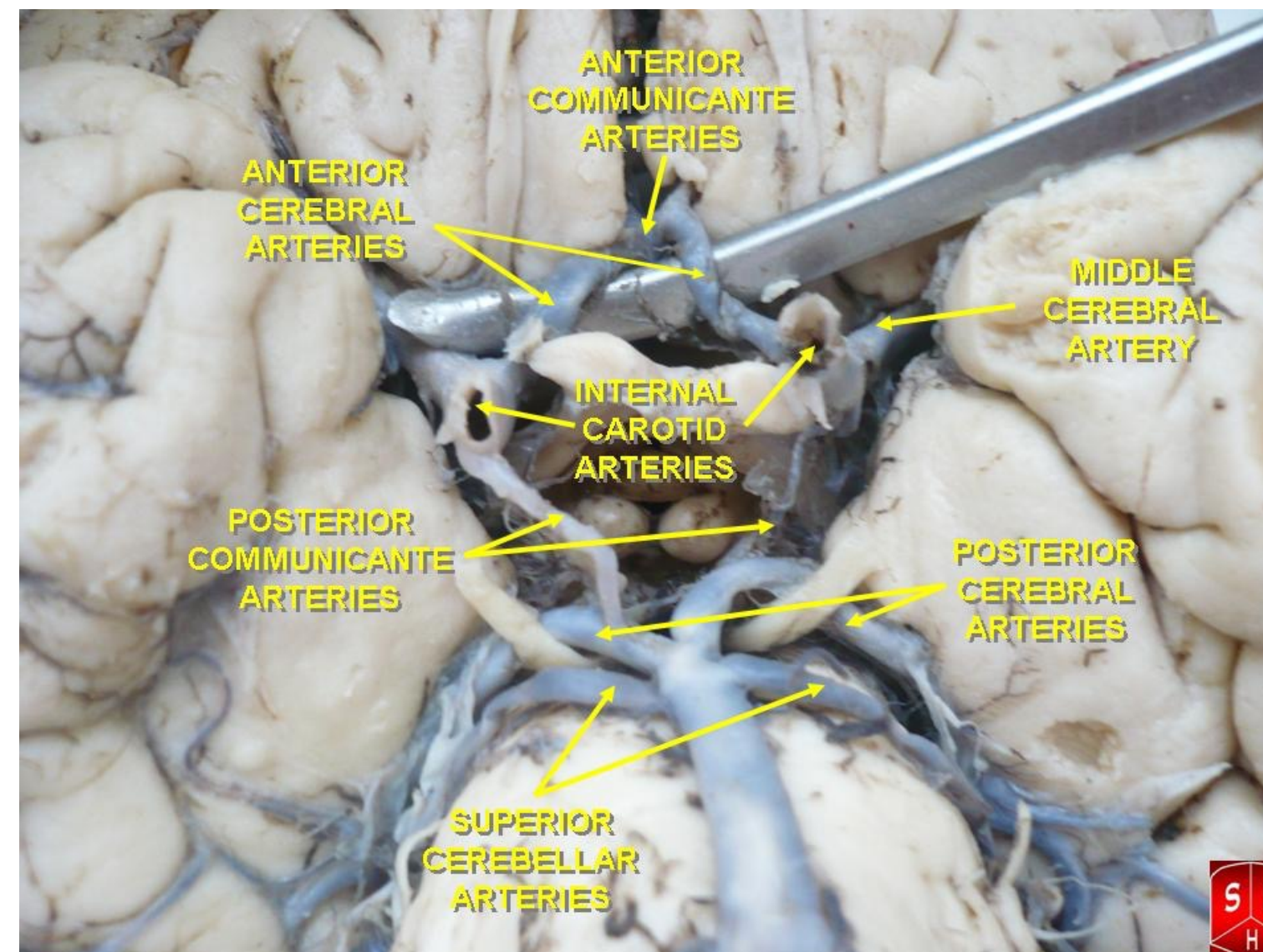
Vascular Anatomy

- Blood is supplied through the internal carotid artery which originates from the aorta



Vascular Anatomy

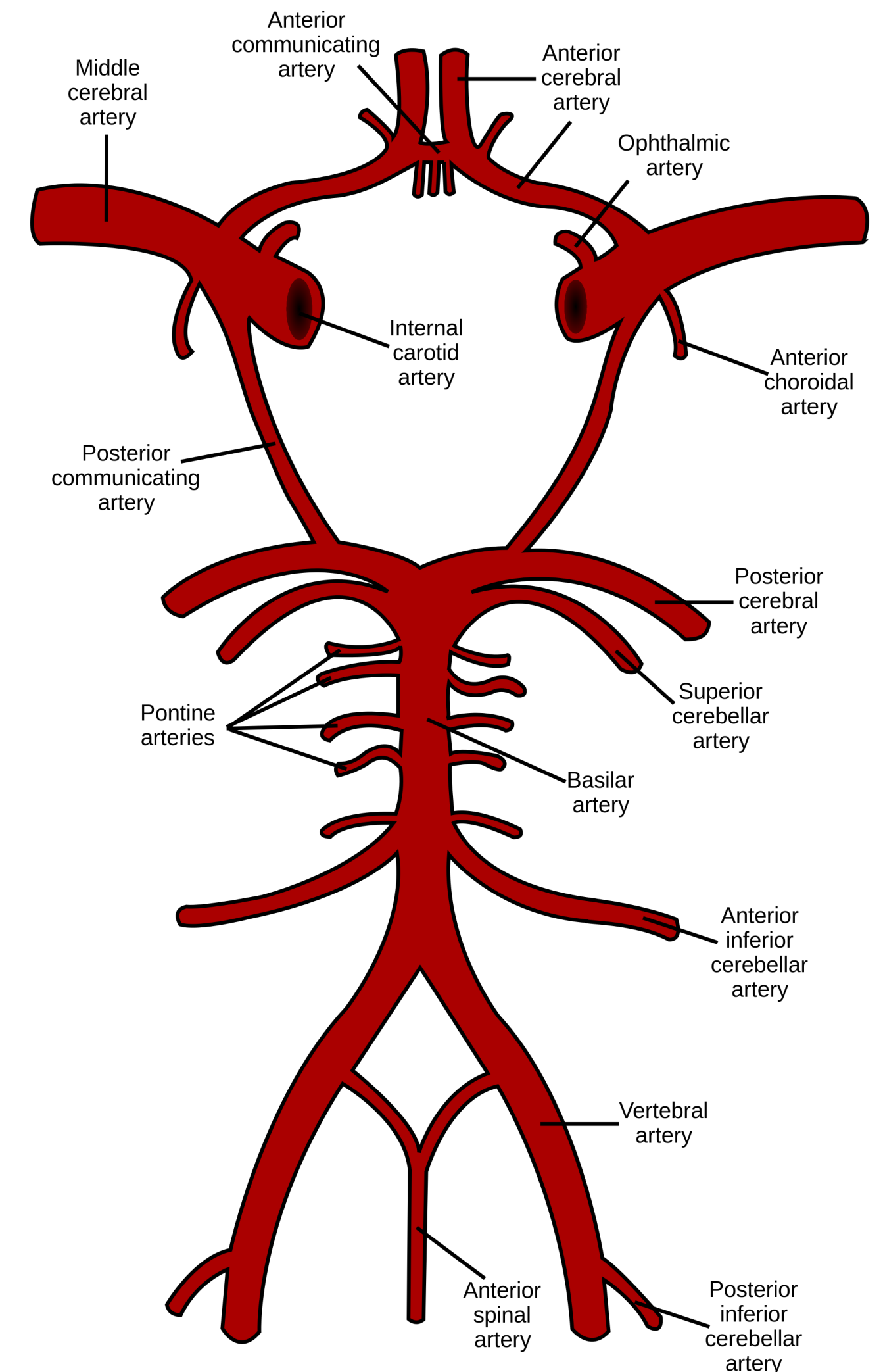
- Blood is supplied through the internal carotid artery which originates from the aorta
- Blood enters the brain through the Circle of Willis



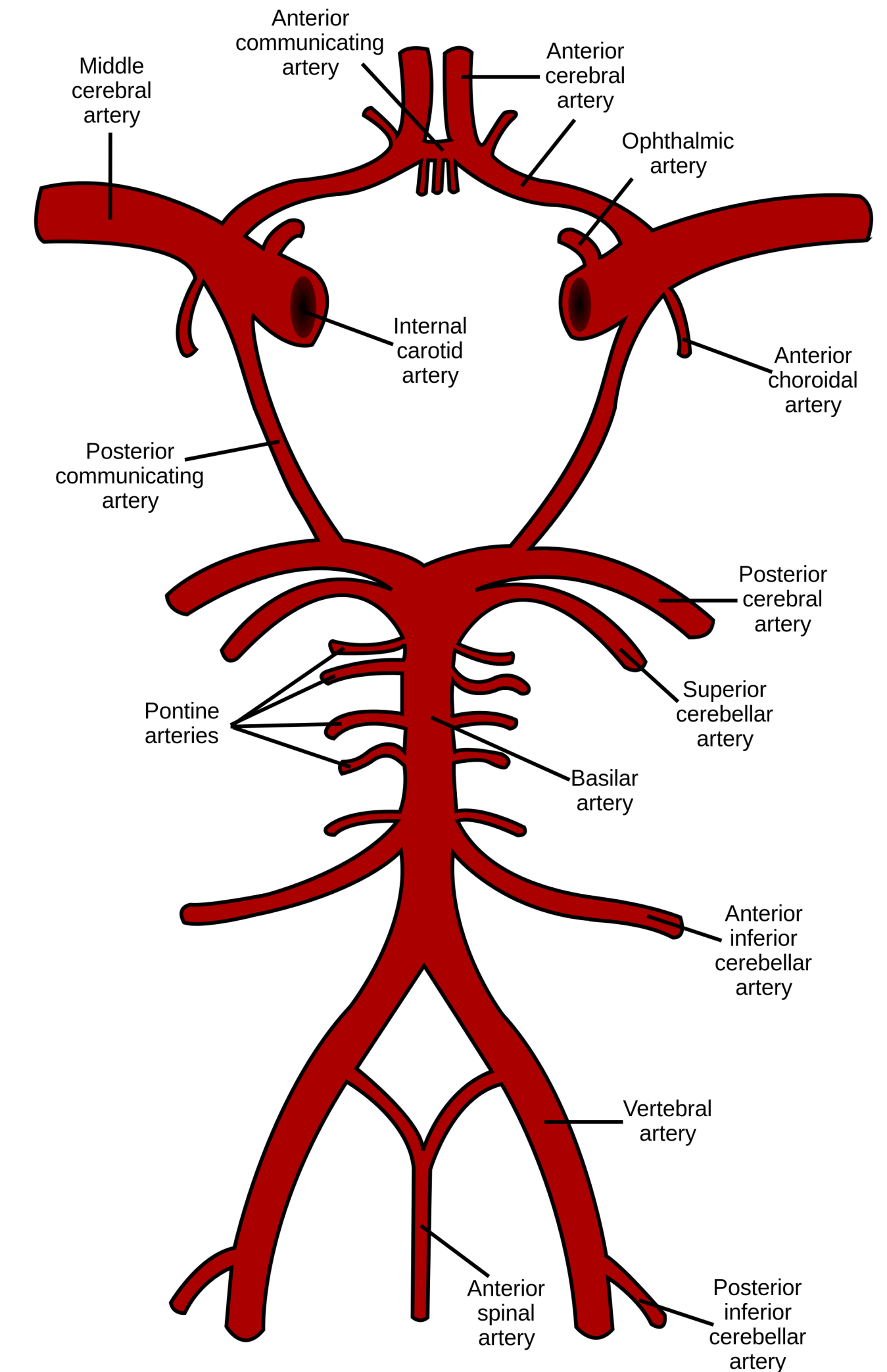
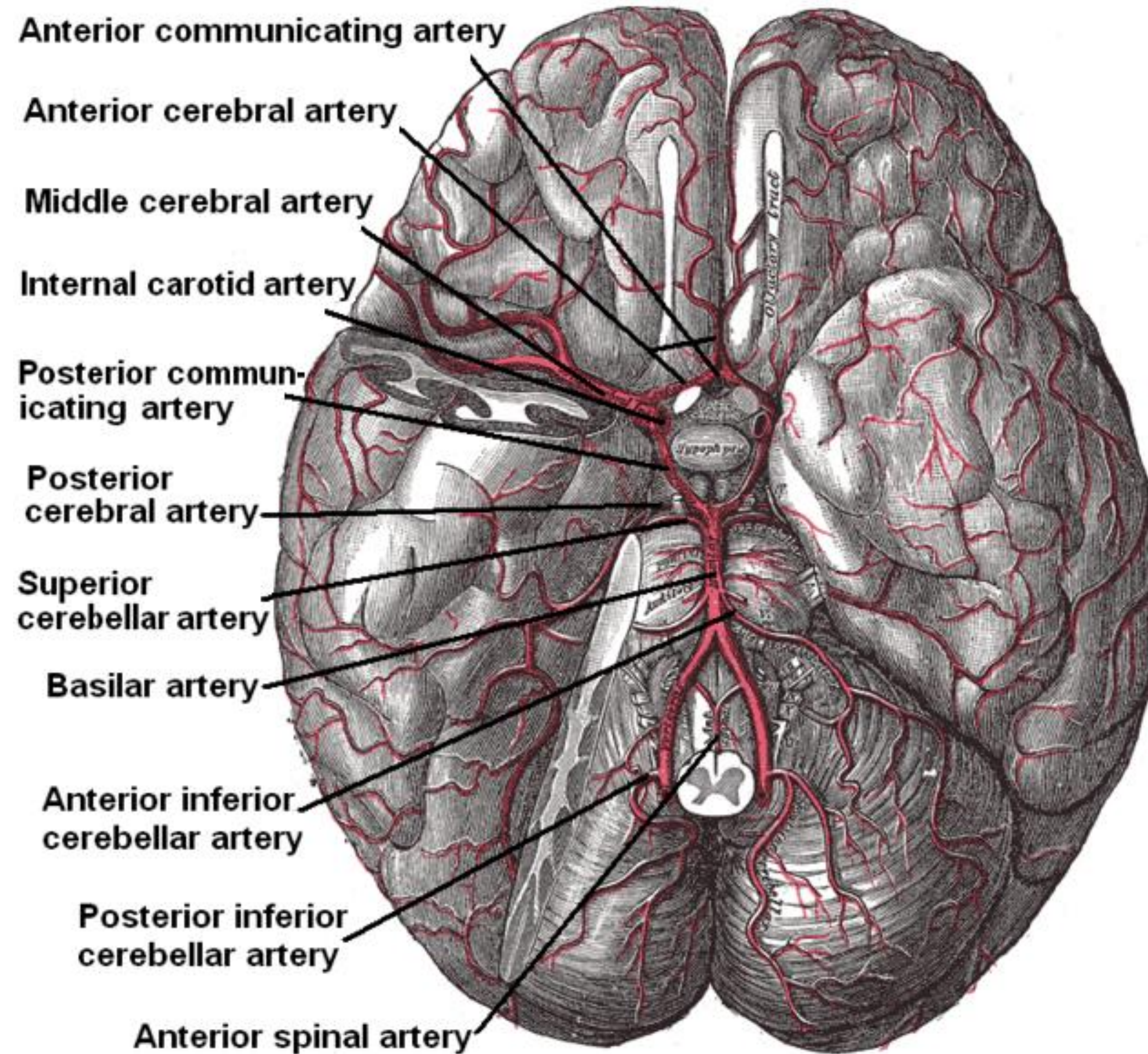
Vascular Anatomy

Circle of Willis:

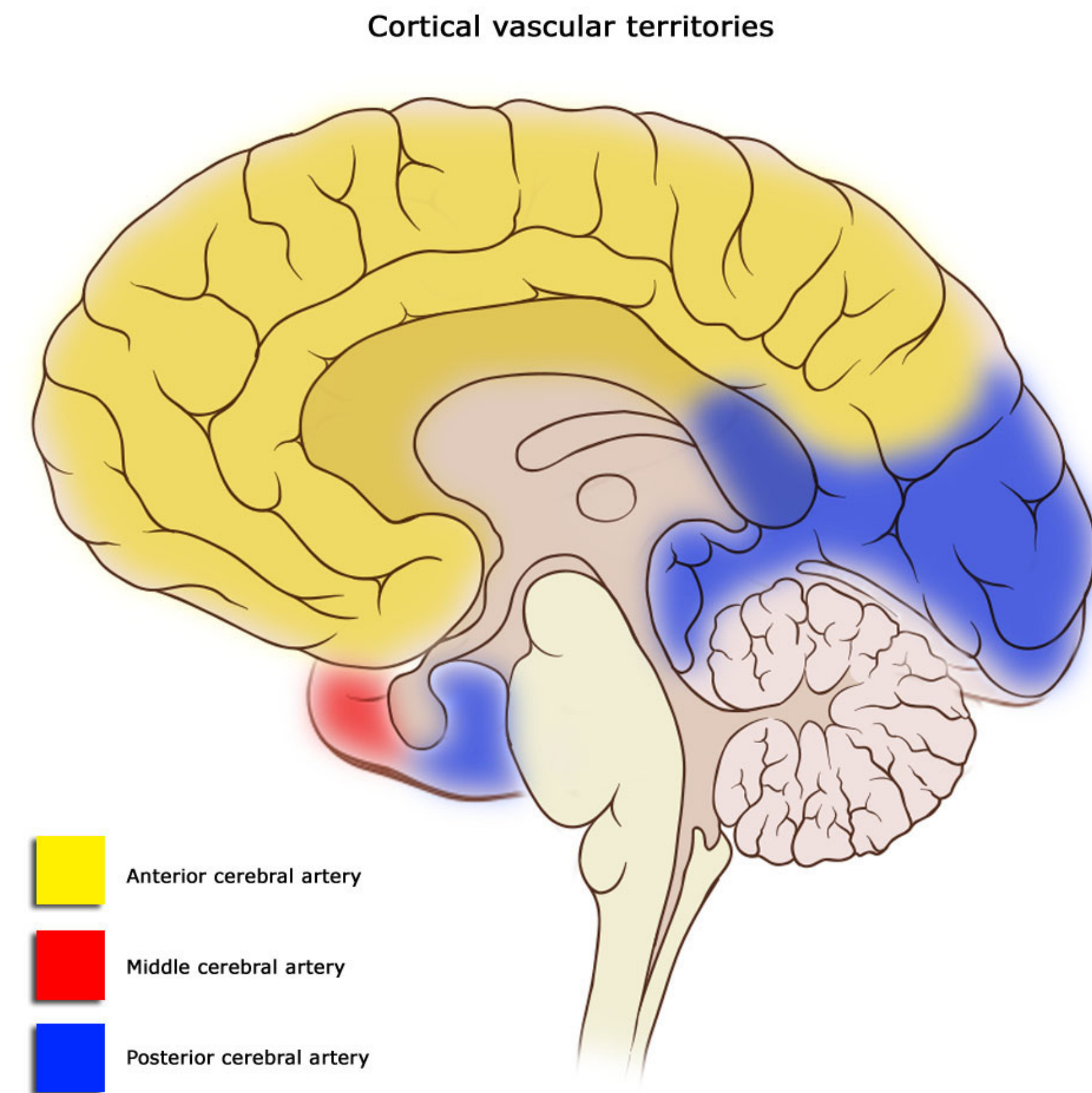
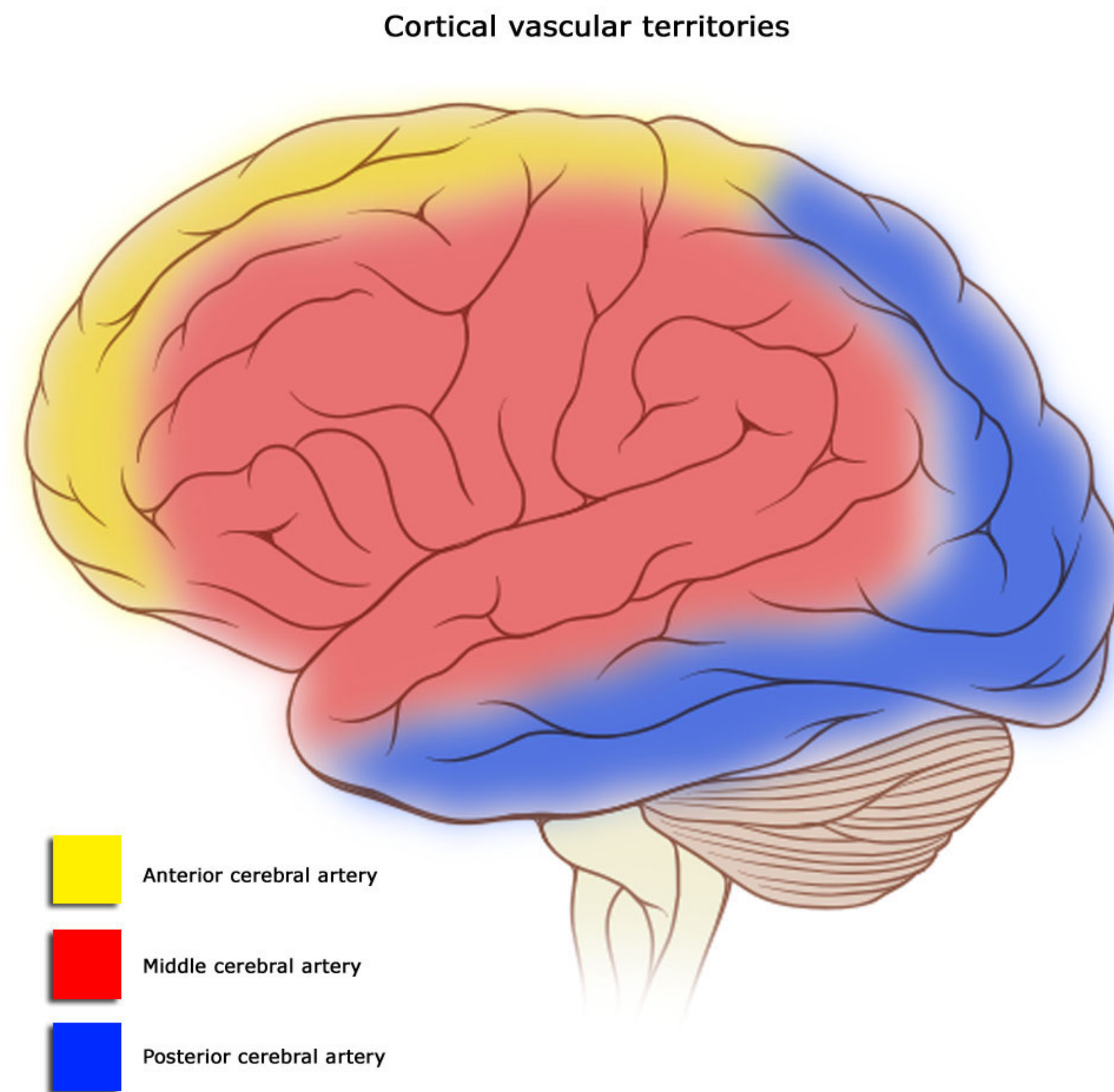
- Anterior cerebral artery
- Middle cerebral artery
- Posterior cerebral artery
- Superior cerebellar artery
- Pontine arteries
- Anterior inferior cerebellar artery
- Vertebral artery
- Posterior inferior cerebellar artery



Vascular Anatomy



Vascular Anatomy



Each of the arteries originating from the Circle of Willis supplies a specific brain region

Module 4: Developmental Organization of Human Brain

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