

Pericallosal pial plexus

These branches were directed toward: 1. the upper surface of [corpus callosum](#) (3-6 branches, mean 8), 2. the depths of the sulcus corporis callosi (4-13 branches, mean 7), and 3. the cingulate gyrus (1-10 branches, mean 5). All the vessels composing the pericallosal pial plexus have a uniformed caliber of 0.9-0.6 mm at their origins, and 0.7-0.3 mm after branching. In 9 cases a longitudinal vessel within the [stria longitudinalis medialis](#), connected with the pial plexus was found ¹⁾.

A detailed examination of the anatomic features of all the main arteries of supply revealed anastomoses within the callosal sulcus that formed the [pericallosal pial plexus](#). This network supplied the corpus callosum, the radiation of the corpus callosum, and the cingulate gyrus ²⁾.

¹⁾

Malobabić S, Puskas L, Bogdanović D, Jasović A. Anatomy of the pericallosal pial plexus in man. Anat Anz. 1989;169(2):125-30. PubMed PMID: 2589635.

²⁾

Türe U, Yaşargil MG, Krisht AF. The arteries of the corpus callosum: a microsurgical anatomic study. Neurosurgery. 1996 Dec;39(6):1075-84; discussion 1084-5. PubMed PMID: 8938760.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

https://neurosurgerywiki.com/wiki/doku.php?id=pericallosal_pial_plexus

Last update: **2024/06/07 02:57**

