

Cingulate gyrus function

For an excellent review of data regarding the complex functional role of the [cingulate gyrus](#) and the surrounding structures of the [frontal lobe](#), see Rushworth et al. ¹⁾.

Functionally, the [cingulate gyrus](#) is part of the [limbic system](#) with extensive connectivity to different anatomical and functional areas. Many studies were published concerning the cingulate area and neuropsychological findings ^{2) 3)}, functional and diffusion tensor imaging ^{4) 5)}, lesion studies ^{6) 7)}, and electrophysiological stimulation studies with implanted electrodes ^{8) 9) 10)}.

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