

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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4)

Concha L, Gross DW, Beaulieu C: Diffusion tensor tractography of the limbic system. *AJNR Am J Neuroradiol* 26:2267-2274, 2005

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