

Supratentorial glioma

[Frontal glioma](#)

[Operculum glioma](#)

[Insular glioma](#)

[Supratentorial oligodendroglioma ...](#)

Jiang et al. aimed to reveal the epidemiological characteristics, including age at diagnosis, gender ratio, tumor distribution and survival, of these new entities. They retrospectively reclassified 1210 glioma samples according to the 2016 CNS WHO diagnostic criteria. In this cohort, [IDH wild type glioblastoma multiforme \(Glioblastoma\)](#) was the most common malignant tumor in the brain. Almost all gliomas were more prevalent in males, especially in the cluster of WHO grade III gliomas and IDH-wildtype Glioblastoma. Age at diagnosis was directly proportional to tumor grade. With respect to the distribution by histology, we found that gliomas concurrent with IDH-mutant and 1p/19q-codeleted or with single IDH-mutant were mainly distributed in frontal lobe, while those with IDH-wildtype were dominant in temporal lobe. Lesions located in insular lobe were more likely to be IDH-mutant astrocytoma. In summary, our results elucidated the epidemiological characteristics as well as the regional constituents of these new gliomas entities, which could bring insights into tumorigenesis and personalized treatment of Chinese glioma population ¹⁾.

¹⁾

Jiang H, Cui Y, Wang J, Lin S. Impact of epidemiological characteristics of supratentorial gliomas in adults brought about by the 2016 world health organization classification of tumors of the central nervous system. *Oncotarget*. 2016 Nov 24. doi: 10.18632/oncotarget.13555. [Epub ahead of print] PubMed PMID: 27888628.

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

