

Anaplastic oligodendroglioma NOS

Old term

A diffusely infiltrating [anaplastic glioma](#) with [oligodendroglial](#) histology without demonstration of [IDH mutation](#) and [1p/19q co-deletion](#). Stains for IDH mutation and nuclear positivity for [ATRX](#) support the diagnosis of an oligodendroglial tumor but cannot substitute for 1p/19q co-deletion.

The differential diagnosis of [Glioblastoma](#) (especially small-cell variant) may be more appropriate (especially when IDH mutations are absent and genetic features of Glioblastoma are detectable).

Treatment: see Treatment of WHO grade III & IV diffuse gliomas

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