

Dysembryoplastic Neuroepithelial Tumor Pathology

Multinodularity at low-power is a key feature with **neuroglial** columns comprised of bundles of **axons** aligned perpendicular to the cortical surface. These columns are lined by **oligodendroglial** like cells incorporated within a mucoid matrix with interspersed **neurons**. Occasionally difficult to differentiate from **oligodendroglioma**.

Two distinct forms ¹⁾ (do not appear to have different prognoses):

Simple form: glioneural elements consisting of axon bundles perpendicular to the cortical surface, lined with oligodendroglial-like cells that are S-100 positive and GFAP negative. Normal appearing neurons floating in a pale eosinophilic matrix are scattered between these columns (no resemblance to ganglion cells, unlike gangliogliomas)

Complex form: glioneural elements as described above in the simple form, with glial nodules scattered throughout. The glial component may mimic a low-grade fibrillary astrocytoma. Foci of cortical dysplasia occur

¹⁾

Adada B, Sayed K. Dysembryoplastic neuroepithelial tumors. Contemp Neurosurg. 2004; 26:1-5

From:

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

Permanent link:

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

Last update: **2024/06/07 02:52**

