Supratentorial primitive neuroectodermal tumor (PNET)
An uncommon location

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A 10-year-old girl with headache. Diagnostic imaging demonstrated a right frontotemporal solid-cystic lesion, in the cortex and white matter, with a component with decrease in diffusion, attributed to high cellularity and nuclear-to-cytoplasmic ratio, which may be seen in PNET or lymphoma¹². A high signal component on T1 and on T2 was observed (extracellular methaemoglobin), often seen in PNET.

Histological analysis led to the diagnosis of PNET.

Supratentorial PNETs are very rare². More than 50% occur in the first 5 years of life². Our case also merits attention because of the late age at presentation.

REFERENCES