Teaching NeuroImage: A Rare Pediatric Case of Diffuse Leptomeningeal Glioneuronal Tumor

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**Figure** MRI, Intraoperative Image, and Histopathology of DLGNT

A 6-year-old boy, with an unremarkable birth history and developmental history notable only for intellectual disability, developed expressive aphasia and intermittent vomiting in 3 weeks. Brain MRI showed communicating hydrocephalus and characteristic diffuse subpial cystic lesions throughout the surface (Figure). His symptom of vomiting was relieved after he was given a ventricular-peritoneal shunt (valve pressure set as 140 mm H2O) and meningeal-cortical biopsy. The final diagnosis was diffuse leptomeningeal glioneuronal tumor, a new entity in the 2016 WHO classification of CNS tumors.\(^1\) He was referred to a local oncology center because chemotherapy had been proposed as first-line treatment.\(^2\)

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