Mystery Case: Giant mature teratoma of the lateral ventricle in a child

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A 3-year-old girl was admitted with a 1-month history of headache. Neurologic examination was normal. Cranial CT revealed a mass with huge calcification in the right lateral ventricle (figure 1A). MRI demonstrated a lesion with low and high signal intensity and heterogeneous enhancement (figure 1, B–D). A right frontal craniotomy was performed. The right ventricle was found to be filled with sebaceous glands, hair, fat globules, a full set of teeth, tongue, and gastrointestinal glands (figure 2, A–D). Histologic examination confirmed a mature teratoma. Postoperative MRI demonstrated total tumor resection (figure 2, E and F). A mature teratoma located in the lateral ventricle with a full set of teeth is extremely rare.1,2

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Dr. Li: data collection, drafting of manuscript. Dr. Lan: data collection, review of literature. Dr. Xu: revision of manuscript, concept of manuscript.

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REFERENCES
The resected samples show the sebaceous glands and hair (A), a full set of teeth (B), tongue (C), and gastrointestinal glands (D). Postoperative MRI, contrast axial (E) and sagittal (F) images, shows total tumor resection.
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