A 54-year-old man from rural China presented with a 4-month history of proximally progressive weakness in the left upper limb, where diminished strength and hyperreflexia were noted. Head MRI showed a 5.5 × 4.8 × 4.6-cm right frontoparietal septate cyst with an enhancing mural nodule (Figure 1, A–C). CT revealed foci of calcification (Figure 1D). Diagnosis of neurocysticercosis was suspected, given the imaging findings suggesting a loculated cysticercus containing calcification and an enhancing scolex. Of interest, ELISA-based detection of cysticercus-specific antibodies in the CSF was unremarkable. CSF protein and cell count were also normal. During exploratory surgery, clear fluid with yellow nodules and daughter cysts was removed from the subarachnoid cyst, revealing foci of granulomatous inflammation on brain parenchyma (Figure 2). Pathologic examination identified *Taenia solium* larvae (eFigure 1, links.lww.com/WNL/C956). Giant subarachnoid cysticerci over the cerebral convexities are very rare. Absence
of CSF antibodies in patients with radiographic findings suggestive of subarachnoid neurocysticercosis should not preclude its diagnosis.2

**Author Contributions**

Z. Qian: drafting/revision of the article for content, including medical writing for content; major role in the acquisition of data; study concept or design; and analysis or interpretation of data. Z. Li: drafting/revision of the article for content, including medical writing for content; major role in the acquisition of data; study concept or design; and analysis or interpretation of data. Z. Zhang: drafting/revision of the article for content, including medical writing for content; major role in the acquisition of data; and analysis or interpretation of data. J. Chen: drafting/revision of the article for content, including medical writing for content; major role in the acquisition of data; and study concept or design. X. Chen: drafting/revision of the article for content, including medical writing for content; major role in the acquisition of data; study concept or design; and analysis or interpretation of data.

**Acknowledgment**

The authors thank the patient for participating in this study.

**Study Funding**

This work was funded by the National High-Level Hospital Clinical Research Funding (2022-PUMCH-B-112) and CAMS Innovation Fund for Medical Sciences (2021-I2M-C&T-B-016).

**Disclosure**

Z. Qian, Z. Li, Z. Zhang, J. Chen, and X. Chen report no disclosures relevant to the manuscript. J. Gao received fundings from the National High-Level Hospital Clinical Research Funding (2022-PUMCH-B-112) and CAMS Innovation Fund for Medical Sciences (2021-I2M-C&T-B-016) for this work. Go to Neurology.org/N for full disclosures.

**Publication History**

Received by Neurology January 15, 2023. Accepted in final form May 3, 2023. Submitted and externally peer reviewed. The handling editor was Resident and Fellow Section Editor Whitley Aamodt, MD, MPH.

**References**


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**Figure 2** Macroscopic Findings

(A) A cyst of high pressure was readily visualized on opening of the dura. (B) Nodular contents and daughter cysts were extracted from within. (C) One daughter cyst was sent for pathologic examination. (D) Foci of granulomatous inflammation (blue arrowheads) were noted on adjacent brain parenchyma.
Teaching NeuroImage: Antibody-Negative Giant Subarachnoid Neurocysticercosis With Isolated Motor Impairment
Zhihong Qian, Zhimin Li, Zhiwen Zhang, et al.
Neurology 2023;101:e1278-e1279 Published Online before print July 5, 2023
DOI 10.1212/WNL.0000000000207529

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