A 39-year-old woman presented with right-hand tremor triggered by coughing. Her examination revealed tremor and irregular myoclonus at rest and transient right-hand tremor precipitated by coughing (video at Neurology.org). Brain MRI showed intraventricular tumor and partial foramen of Monro obstruction (figure). Intraventricular tumors in this location can cause sudden intermittent hydrocephalus,\(^1\) and focal thalamic lesions may cause hand tremor.\(^2\) We hypothesize that compression of the ventral intermediate nucleus of the thalamus caused by cough-induced hydrocephalus, with dysfunction of cerebello-thalamo-cortical circuit, may be the mechanism for cough-associated tremor of the contralateral hand; this disappeared after surgical removal of the subependymoma. Cough tremor may be associated with intraventricular tumors.

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Prof. Quattrone: analysis and interpretation of data. Dr. Bono: study concept and design, drafting/revising the manuscript, analysis and
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