A 55-year-old man with carcinoma sigmoid colon (fluorouracil [5-FU]: cumulative dose of 6,600 mg/m²; and oxaliplatinum: 245 mg/m²) presented with encephalopathy and pancerebellar involvement 2 weeks after receiving a third cycle of chemotherapy. Brain MRI showed diffusion restriction in bilateral deep white matter, cerebellar peduncles, and splenium of corpus callosum (figures 1 and 2) suggestive of 5-FU–induced leukoencephalopathy. Symptoms improved after discontinuation of chemotherapy as expected in drug-induced encephalopathy. Diagnosis of PRES (posterior reversible encephalopathy syndrome) seemed less likely because it usually involves posterior subcortical white matter. Diffusion-weighted MRI is a useful modality for early detection of this characteristic encephalopathy.\(^1,2\)

**AUTHOR CONTRIBUTIONS**

Sahil Mehta: data collection, writing of manuscript. Gagandeep Singh: revision of manuscript, concept of manuscript. Birinder Singh Paul: data collection, review of literature.

**STUDY FUNDING**

No targeted funding reported.

**DISCLOSURE**

The authors report no disclosures relevant to the manuscript. Go to Neurology.org for full disclosures.

**REFERENCES**

Teaching NeuroImages: 5-FU–induced acute leukoencephalopathy
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*Neurology* 2013;80:e191
DOI 10.1212/WNL.0b013e3182904d03

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