After nitromethane fuel ingestion, an 18-year-old male mechanic presented with generalized tonic-clonic seizures progressing to partial motor status epilepticus. At physical examination hypertension was noted. Symptomatic therapy was initiated, including valproic acid, β-blockers, and clonidine. When neurologic examination could be performed, it showed mild left dysmetria in finger-to-nose testing, low-frequency intention tremor, broad-based gait, and inability to tandem-walk. MRI (figure) demonstrated bilateral and symmetric lesions in cerebellar white matter, tonsils, uvula, and colliculi. Valproic acid was maintained. Clinical and MRI 8-month follow-up showed no abnormalities. To our knowledge, this is the first documented case of reversible encephalopathy by nitromethane ingestion.1,2

Elena Alventosa Fernández, MD, Candelaria González González, MD, Javier Crisóstomo Pardillo, MD, Vicente Martín García, MD, Santa Cruz de Tenerife, Spain

Disclosure: The authors report no conflicts of interest.
Address correspondence and reprint requests to Dr. Elena Alventosa Fernández, C/Santa Rosalía, 5-3º, 38002 Santa Cruz de Tenerife, Spain; elena.alventosa@gmail.com

Nitromethane encephalopathy MRI

*Neurology* 2008;70;814
DOI 10.1212/01.wnl.0000304254.18355.b3

**Updated Information & Services**
including high resolution figures, can be found at:
http://n.neurology.org/content/70/10/814.full

**References**
This article cites 2 articles, 0 of which you can access for free at:
http://n.neurology.org/content/70/10/814.full#ref-list-1

**Citations**
This article has been cited by 1 HighWire-hosted articles:
http://n.neurology.org/content/70/10/814.full##otherarticles

**Subspecialty Collections**
This article, along with others on similar topics, appears in the following collection(s):
- MRI
  http://n.neurology.org/cgi/collection/mri
- Other toxicology
  http://n.neurology.org/cgi/collection/other_toxicology
- Solvents
  http://n.neurology.org/cgi/collection/solvents

**Permissions & Licensing**
Information about reproducing this article in parts (figures, tables) or in its entirety can be found online at:
http://www.neurology.org/about/about_the_journal#permissions

**Reprints**
Information about ordering reprints can be found online:
http://n.neurology.org/subscribers/advertise