

MENINGOENCEPHALITIS

Clinical presentation

- Has been described in children with agammaglobulinemia.⁽¹⁾⁽²⁾⁽³⁾
- Initial presentation may be similar to PML but the cerebrospinal fluid (CSF) often shows mild pleocytosis and increased protein.
- The MRI when abnormal often shows enhancement.⁽¹⁾⁽²⁾
- The diagnosis is made by **PCR of the CSF**.⁽³⁾

Management

IVIg:

- Had no effect in one of the reported cases.⁽²⁾
- Resulted in short-lived improvement in another.⁽³⁾
- Showed marked clinical improvement of several months' duration in two other cases when combined with antiviral pleconaril.⁽⁴⁾

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- (1) Ganjoo KN, Raman R, Sobel RA, Pinto HA. Opportunistic enteroviral meningoencephalitis: an unusual treatable complication of rituximab therapy. *Leuk Lymphoma*. 2009;50:673–5.
 - (2) Kiani-Alikhan S, Skoulidis F, Barroso A, et al. Enterovirus infection of neuronal cells post-rituximab. *Br J Haematol*. 2009;146:333–5.
 - (3) Padate BP, Keidan J. Enteroviral meningoencephalitis in a patient with non-Hodgkin's lymphoma treated previously with rituximab. *Clin Lab Haematol*. 2006;28:69–71.
 - (4) Quartier P, Tournilhac O, Archimbaud C, et al. Enteroviral meningoencephalitis after anti-CD20 (rituximab) treatment. *Clin Infect Dis*. 2003;36:e47–9.

