

Echinococcus canadensis

The cestode [Echinococcus canadensis](#) belongs to the complex *Echinococcus granulosus sensu lato*. This parasite is a member of Cyclophyllidea which comprise the majority of tapeworms that are of medical importance. Adult *E. canadensis* parasitise the small intestines of dogs and other canids. The larval stage is one of the causative agents of the serious and life-threatening human disease cystic echinococcosis. *E. canadensis* has a worldwide distribution.

A study reports mitochondrial gene analysis from 4 Mongolian pediatric cerebral CE cases. Molecular confirmation was obtained for 3 of the 4 cases, with all 3 cases determined to be due to [Echinococcus canadensis](#) (G6/G7) infection. None of the cases had other organ involvement. This is only the third report on the molecular identification of the *Echinococcus* species responsible for [Cerebral echinococcosis](#), and only the second report of *E. canadensis* (G6/G7) being the causative agent of cerebral CE ¹⁾.

¹⁾

Shirmen O, Batchuluun B, Lkhamjav A, Tseveen T, Munkhjargal T, Sandag T, Lkhagvasuren E, Yanagida T, Nishikawa Y, Ito A. Cerebral cystic echinococcosis in Mongolian children caused by *Echinococcus canadensis*. *Parasitol Int.* 2018 May 9. pii: S1383-5769(18)30120-X. doi: 10.1016/j.parint.2018.05.006. [Epub ahead of print] PubMed PMID: 29753095.

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