

Ocular toxocariasis

see [Toxocariasis](#).

see also [Cerebral toxocariasis](#)

Ocular [toxocariasis](#) (OT) is a zoonotic [infection](#) caused by larval stages of [Toxocara canis](#) and *T. cati*.

A [systematic review](#) and [meta-analysis](#) aimed to evaluate the global [prevalence](#) of OT.

Five English ([PubMed](#), [Scopus](#), [ScienceDirect](#), [Web of Science](#), and [Google Scholar](#)) [databases](#) were explored and 101 [articles](#) met the [inclusion criteria](#).

The pooled [prevalence](#) (95% [confidence interval](#)) of OT was higher in immunological studies (9%. 6-12%) than in studies that applied ophthalmic examination (1%. 1-2%). The [lower middle income country](#) had the highest [prevalence](#) (6%. 2-12%) as well as the [African](#) region (10%. 7-13%). The highest [infection](#) rate (4%. 2-7%) was detected in the 1-25 mean age group.

Regular [anthelmintic](#) treatment of cats and dogs, and removal of animal feces from public places must be considered ¹⁾.

¹⁾

Badri M, Eslahi AV, Olfatifar M, Dalvand S, Houshmand E, Abdoli A, Majidiani H, Eslami A, Zibaei M, Johkool MG, Taghipour A, Hashemipour S. Keys to Unlock the Enigma of Ocular Toxocariasis: A Systematic Review and Meta-analysis. Ocul Immunol Inflamm. 2021 Apr 28;1-12. doi: 10.1080/09273948.2021.1875007. Epub ahead of print. PMID: 33909531.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

https://neurosurgerywiki.com/wiki/doku.php?id=ocular_toxocariasis

Last update: **2024/06/07 02:58**

