
Neurocysticercosis, immune status and immune response

Neurocisticercose, estado imunológico e resposta imune

Beuy Joob¹, Viroj Wiwanitkit²

¹Sanitation 1 Medical Academic Center, Bangkok, Thailand;

²Wiwanitkit House, Bangkhae, Bangkok, Thailand.

Correspondence: Beuy Joob; Sanitation 1 Medical Academic Center; Bangkok - Thailand; E-mail: beuyjoob@hotmail.com

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Dear Editors,

A recent paper on neurocysticercosis and immune suppression is of interest¹. Indeed, several observations on the co-occurrence of neurocysticercosis and immunosuppression can be seen. However, further studies are still required to conclude for any relationship. To develop any infection, the poor immune status of the affected patient must be accompanied. The host and parasite immune interaction

seems to be a complex phenomenon. Focusing in neurocysticercosis, this is a chronic infection and the short-term evaluation of the immune status might not give the correct explanation on the findings. The detected immunosuppression might or might not be directly relating to the infection. Of interest, in tropical countries such as Thailand, there is still no evidence that neurocysticercosis increases its incidence among the immunodeficient subjects, such as HIV seropositive, and so on.

References

1. Bueno EC. Cysticercosis and the immunosuppression: what are the mechanisms involved? *Arq Neuropsiquiatr* 2012;70:243-244.