**S1 Table. PICO questions and inclusion/exclusion criteria.** Definition of inclusion and exclusion criteria.

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| **PICO QUESTION:1** |
| Population | individuals with single enhancing lesion NCC and associated seizure(s)/epilepsy |
| Intervention | prolonged administration (12-24 months) of AEDs  |
| Comparator | shorter regimes of AEDs (6-12 months) |
| Outcome | reduction in seizure recurrence (incidence rate) |

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| **Inclusion and exclusion criteria** |
| Inclusion criteria | Types of studies:Experimental studies and observational studies.Types of participants:Individuals with *T. solium* single enhancing lesion NCC on MRI or CT scan with well-established diagnosis of epilepsy.Types of intervention:The intervention group and control group may have received any of the currently marketed AEDs. Types of outcome measures:Seizure recurrence over a specific period of time. |
| Exclusion criteria | Case series and case reports were excluded. *T. solium* NCC patients other than with single enhancing lesions were also excluded |

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| **PICO QUESTION: 2** |
| Population | individuals with symptomatic NCC with single enhancing lesion |
| Intervention | anti-inflammatory therapy and anti-epileptic treatment |
| Comparator | anti-epileptic treatment alone |
| Outcome | reduction in seizure recurrence (Incidence rate) |

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| **Inclusion and exclusion criteria** |
| Inclusion criteria | Types of studies:Experimental studies and observational studies.Types of participants:Individuals with *T. solium* single enhancing lesion NCC on MRI or CT scan with well-established diagnosis of epilepsy.Types of intervention:The intervention group may have received any of the marketed anti-inflammatory therapies and received any of the currently marketed AEDs. The control group may have received any of the currently marketed AEDs Types of outcome measures:Seizure recurrence over a specific period of time. |
| Exclusion criteria | Case series and case reports were excluded. *T. solium* NCC patients other than with single enhancing lesions were also excluded |