

**Supplementary Table S1.** Demographic, clinical, and radiological profiles of patients with calcified NCC, with and without a previous diagnosis of viable infection

Characteristics	Previous diagnosis of viable infection		<i>P</i>
	No (n = 242)	Yes (n = 282)	
<b><i>Age at enrollment (years)</i></b>			
Mean ± SD	41.5 ± 16.4	39.2 ± 14.0	0.091
<b><i>Sex</i></b>			
Female	154 (63.6)	141 (50.0)	0.002
Male	88 (36.4)	141 (50.0)	
<b><i>Age at start of symptoms (years)</i></b>			
Mean ± SD	30.7 ± 17.2	27.7 ± 14.9	0.038
<b><i>Type of first symptom</i></b>			
No symptoms	2 (0.4)	0 (0.0)	0.050
Headache	135 (55.8)	138 (48.9)	
Seizures	25 (10.3)	47 (16.7)	
Headache and seizures	77 (31.8)	97 (34.4)	
<b><i>Previous seizures</i></b>			
No	82 (33.9)	27 (9.6)	< 0.001
Yes	160 (66.1)	255 (90.4)	
<b><i>Years since first seizure</i></b>			
Median [IQR]	3 [1-11]	6 [2-14]	0.001
<b><i>Number of previous seizures</i></b>			
Median [IQR]	7 [3-27]	8 [3-25]	0.275
<b><i>Seizure semiology</i></b>			
Pure focal seizures	38 (23.8)	44 (17.3)	0.106
Focal to bilateral tonic-clonic seizures	122 (76.2)	211 (82.7)	
<b><i>History of status epilepticus</i></b>			
No	146 (91.8)	227 (89.4)	0.412
Yes	13 (8.2)	27 (10.6)	
<b><i>ASM</i></b>			
No	21 (13.2)	26 (10.6)	0.418
Yes	138 (86.8)	220 (89.4)	
<b><i>Seizure-free time before enrollment (months)</i></b>			
Median [IQR]	2 [0-12]	12 [2-34]	< 0.001
<b><i>Previous neurosurgery</i></b>			
No	235 (97.1)	243 (86.2)	< 0.001
Yes	7 (2.9)	39 (13.8)	
<b><i>Previous diagnosis of taeniasis</i></b>			
No	207 (91.2)	221 (81.3)	0.002
Yes	20 (8.8)	51 (18.7)	

<b><i>Family history of seizures</i></b>			
No	166 (89.4)	203 (74.6)	0.703
Yes	61 (10.6)	69 (25.4)	
<b><i>Family history of NCC</i></b>			
No	203 (89.4)	242 (89.0)	0.870
Yes	24 (10.6)	30 (11.0)	
<b><i>Baseline EEG results</i></b>			
Normal	221 (94.8)	271 (98.2)	0.037
Abnormal	12 (5.2)	5 (1.8)	
<b><i>EITB results (number of antibody bands)</i></b>			
Median [IQR]	1 [0-3]	3 [2-5]	< 0.001
<b><i>Number of calcifications on brain CT scan</i></b>			
Median [IQR]	2 [1-5]	3 [1-9]	< 0.001
1	98 (40.5)	78 (27.7)	< 0.001
2 to 10	119 (49.2)	143 (50.7)	
+10	25 (10.3)	61 (21.6)	

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Abbreviations: NCC (neurocysticercosis); SD (standard deviation); IQR (interquartile range); EEG (Electroencephalogram); EITB (Enzyme-linked Immuno-electrotransfer Blot); ASM (Anti-seizure medication); CT (computed tomography)

**Supplementary Table S2.** Clinical profiles of patients with calcified NCC, with single and multiple lesions.

Characteristics	Number of calcified lesions		<i>P</i>
	Single lesions (n = 176)	Multiple lesions (n = 348)	
<b><i>Age at start of symptoms (years)</i></b>			
Mean ± SD	28.7 ± 13.9	29.3 ± 17.1	0.651
<b><i>Type of first symptom</i></b>			
No symptoms	0 (0.0)	1 (0.3)	0.695
Headache	95 (54.0)	178 (51.2)	
Seizures	61 (34.7)	113 (32.5)	
Headache and seizures	19 (10.8)	53 (15.2)	
<b><i>Previous seizures</i></b>			
No	47 (26.7)	62 (17.8)	0.018
Yes	129 (73.3)	286 (82.2)	
<b><i>Years since first seizure</i></b>			
Median [IQR]	3 [1-10]	5 [2-14]	0.047
<b><i>Number of previous seizures</i></b>			
Median [IQR]	6 [3-29]	8 [3-32]	0.370
<b><i>Seizure semiology</i></b>			
Pure focal seizures	30 (23.3)	52 (18.2)	0.230
Focal to bilateral tonic-clonic seizures	99 (76.7)	234 (81.8)	
<b><i>History of status epilepticus</i></b>			
No	116 (89.9)	257 (90.5)	0.856
Yes	13 (10.1)	27 (9.5)	
<b><i>ASM</i></b>			
No	17 (13.2)	30 (10.9)	0.499
Yes	112 (86.8)	246 (89.1)	
<b><i>Seizure-free time before enrollment (months)</i></b>			
Median [IQR]	4 [0-20]	7 [1-31]	0.071

Abbreviations: NCC (neurocysticercosis); SD (standard deviation); IQR (interquartile range); EEG (Electroencephalogram); EITB (Enzyme-linked Immuno-electrotransfer Blot); ASM (Anti-seizure medication); CT (computed tomography)

**Supplementary Table S3.** Detailed description of EEG in patients with calcified NCC and abnormal EEG results at baseline (n = 17)

<b>Id</b>	<b>Description of EEG results</b>
1	Generalized cortical slowing with paroxysmal discharges
2	Focalized cortical slowing in the right hemisphere with paroxysmal discharges
3	Cortical dysfunction in the right frontal lobe
4	Generalized cortical slowing with interictal epileptic discharges
5	Generalized cortical slowing with paroxysmal discharges
6	Focalized cortical slowing in the left frontal lobe with paroxysmal discharges
7	Focalized cortical slowing in the left hemisphere with paroxysmal discharges
8	Focalized cortical slowing in the right hemisphere with predominance of the frontal lobe
9	Generalized cortical slowing with predominance of the right hemisphere and with paroxysmal discharges
10	Focalized cortical-subcortical slowing in the left hemisphere with non-paroxysmal discharges
11	Generalized cortical-subcortical slowing with non-paroxysmal discharges
12	Intermittent cortical-subcortical slowing in the right hemisphere
13	Intermittent diffuse cortical-subcortical slowing with non-paroxysmal discharges
14	Diffuse cortical-subcortical slowing with non-paroxysmal discharges
15	Intermittent cortical-subcortical slowing with non-paroxysmal discharges
16	Intermittent generalized bilateral theta activity
17	Intermittent generalized theta activity with bifrontal sharp waves suggesting abnormal epileptiform activity

Abbreviations: NCC (neurocysticercosis); EEG (electroencephalogram)