



SDI Review Form 1.6

PART 1:

Journal Name:	<u>International Journal of TROPICAL DISEASE & Health</u>
Manuscript Number:	2013_IJTDH_4608
Title of the Manuscript:	Spinal neurobrucellosis is an unusual cause of nontraumatic paraplegia in Zaria, Northern Nigeria: A report of 3 cases and review of current literature
Type of the Article	Case study

General guideline for Peer Review process is available in this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

- This form has total 7 parts. Kindly note that you should use all the parts of this review form.



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PART 2: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments	-The clinical description of the cases needs to be completed and clarified: *Explain how chronic complete paraplegia with complete anesthesia and sensory level recovered? *The patients in cases 1 and 2 had purulent fistulas. They need imaging details of lumbo-sacral spine, pelvis and hips to detect associated bone lesions. *The patient of case 1 had scoliosis, but vertebral X-Ray and MRI did not show any deformity! *Patient of case 3 had a compressive myelopathy with multiple vertebral destruction on spine X-Rays. Decompressive surgery with or without stabilization should be discussed after MRI, which must be done. *Serology diagnosis not clear: the IgG antibodies for B. meliteus or B. abortus? -The discussion: *The mechanism of paraplegia advocated for the 3 cases should be confirmed with clear MRI images *Mention different mechanisms of myelopathy in brucellosis (myelitis, infarction, arachnoiditis, compression, ...etc.) with their estimated incidence and treatment *Differential diagnosis with other infections myelopathies, mainly those whose clinical and imaging signs are similar to Brucellosis: TB, fungal and parasitic (hydatid cyst) infections.	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		



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