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315-321 Lockhart Road,  
Wan Chai, Hong Kong, China

### ESPS Peer-review Report

**Name of Journal:** World Journal of Clinical Cases

**ESPS Manuscript NO:** 5807

**Title:** Epilepsy triggered by mefloquine in an adult traveler to Uganda.

**Reviewer code:** 00506176

**Science editor:** Gou, Su-Xin

**Date sent for review:** 2013-09-28 11:01

**Date reviewed:** 2013-09-28 17:49

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input checked="" type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input checked="" type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

### COMMENTS TO AUTHORS

An interesting case report on mefloquine-induced epileptic seizures. This is of remarkable educational value. The English text needs minor language polishing (e.g. seizures repeated > seizures recurred etc.)



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## ESPS Peer-review Report

**Name of Journal:** World Journal of Clinical Cases

**ESPS Manuscript NO:** 5807

**Title:** Epilepsy triggered by mefloquine in an adult traveler to Uganda.

**Reviewer code:** 00646541

**Science editor:** Gou, Su-Xin

**Date sent for review:** 2013-09-28 11:01

**Date reviewed:** 2013-10-01 00:40

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

What type of seizures showed at the first time and follow-up? What was the acute antiepileptic treatment? How long were the inter-seizure intervals? Developed a status epilepticus? Which was the work-out did? What about the EEG findings? Substitute: During the flight back after apparent recovery, for “full recovery” Is there any epidemiological data about the incidence or prevalence of the seizures or epilepsy related to this drug? In general the discussion of the clinical case is no focus in the subject or the literature published with similar cases. Barrett PJ, Emmins PD, Clarke PD, Bradley DJ. Comparison of adverse events associated with use of mefloquine and combination of chloroquine and proguanil as antimalarial prophylaxis: postal and telephone survey of travelers. *BMJ*. 1996;313:525-528. ? Schiemann R, Coulaud JP, Bouchaud O. Seizures after antimalarial medication in previously healthy persons. *J Travel Med*. 2000;7:155-156. ? Pous E, Gascón J, Obach J, Corachan M. Mefloquine-induced grand mal seizure during malaria chemoprophylaxis in a non-epileptic subject. *Trans R Soc Trop Med Hyg*. 1995;89:434. doi: 10.1016/0035-9203(95)90043-8. Mangalvedhekar SS, Gogtay NJ, Wagh VR, Waran MS, Mane D, Kshirsagar NA. Convulsions in non-epileptics due to mefloquine-fluoroquinolone co-administration. *Natl Med J India*. 2000;13:47.



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## ESPS Peer-review Report

**Name of Journal:** World Journal of Clinical Cases

**ESPS Manuscript NO:** 5807

**Title:** Epilepsy triggered by mefloquine in an adult traveler to Uganda.

**Reviewer code:** 00398999

**Science editor:** Gou, Su-Xin

**Date sent for review:** 2013-09-28 11:01

**Date reviewed:** 2013-10-01 00:40

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input checked="" type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

This is a little case report on a 40 year-old man who experienced epileptic seizures when put on anti-malaria prophylaxis with oral mefloquine.

The case report demands a number of additions and clarifications:

To which ethnic group belongs the patient? This not the same as nationality.

How long before the journey was he vaccinated?

What was the semiology of the seizures, was there a second person description?

What is meant by episode: a seizure or an episode of altered consciousness?

What did the electroencephalogram show?

Which anti-epileptic drug was the man put on?

Was a MRI scan done on the patient to rule out a brain disease causal for the recurring seizures?

The discussion suffers from the lack to reference to previous reports relating mefloquine treatment to epilepsy which are evident from PubMed.



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In conclusion, the manuscript needs a thorough revision.