

ESPS Peer-review Report
Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 9663

Title: Mechanism of gastrointestinal abnormal motor activity induced by cisplatin in conscious dogs

Reviewer code: 00006992

Science editor: Ma, Ya-Juan

Date sent for review: 2014-03-01 10:26

Date reviewed: 2014-03-05 20:28

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 checked="" type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input checked="" type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	language polishing	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

Ando et al. investigated whether 5-HT is involved in mediating abnormal gastrointestinal motor activities in conscious dogs. In addition they studied the relationship between plasma and luminal concentrations of 5-HT in conscious dogs after i.v. administration of cisplatin. To analyse the relationship between 5-HT and emesis-induced gastrointestinal motor activities is important since cisplatin is often administered during chemotherapy. The intervention group was rather small (n=4), but statistical analyses were appropriate. The results especially the outcome is not new. Nevertheless uncovering the pathophysiological mechanisms appears interesting. All experiments are well done and discussed in detail.

ESPS Peer-review Report
Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 9663

Title: Mechanism of gastrointestinal abnormal motor activity induced by cisplatin in conscious dogs

Reviewer code: 00008874

Science editor: Ma, Ya-Juan

Date sent for review: 2014-03-01 10:26

Date reviewed: 2014-03-09 09:59

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 checked="" type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input checked="" 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	

COMMENTS TO AUTHORS

This study investigated the correlation between 5-HT and abnormal motor activities after cisplatin administration in dog models using the force transducer. They concluded that abnormal motor activities were mediated by vagus nerve and by serotonergic neurons via each pathway. The results were interesting and have value for readers. 1. How was 5-HT released after intravenous administration of cisplatin? The authors should discuss in detail. 2. The results after phentolamine, propranolol, atropine and metoclopramide administration should be shown in figures. 3. In Figure 3, decadron is the trade name. It should be replaced by the common name such as dexamethasone. In Figure 4, 5B, 6 and 7, kytril is also the trade name. 4. In Figure 8A, 8B, 9A, 9B and 9C, the time points of 5-HT administration should be indicated.