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Flat C, 23/F., Lucky Plaza,  
315-321 Lockhart Road,  
Wan Chai, Hong Kong, China

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### ESPS Peer-review Report

**Name of Journal:** World Journal of Gastroenterology

**Ms:** 2362

**Title:** Detection of secondary infections associated with severe acute pancreatitis: a comparison of 99mTc-Ciprofloxacin scintigraphy and CT

**Reviewer code:** 00039529

**Science editor:** s.x.gou@wjgnet.com

**Date sent for review:** 2013-02-18 16:37

**Date reviewed:** 2013-02-28 20:49

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	<input type="checkbox"/> Existed	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

### COMMENTS

#### COMMENTS TO AUTHORS:

As has been said "The proof of the pudding is in the eating" Your experimental results require human verification, but it is an intriguing concept.



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**Name of Journal:** World Journal of Gastroenterology

**Ms:** 2362

**Title:** Detection of secondary infections associated with severe acute pancreatitis: a comparison of 99mTc-Ciprofloxacin scintigraphy and CT

**Reviewer code:** 00053888

**Science editor:** s.x.gou@wjgnet.com

**Date sent for review:** 2013-02-18 16:37

**Date reviewed:** 2013-03-01 23:11

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	<input type="checkbox"/> Existed	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

### COMMENTS

#### CONFIDENTIAL COMMENTS TO EDITOR:

This is a novel and interesting technique resulting in an interesting paper

#### COMMENTS TO AUTHORS:

This is a well written, well designed and interesting study of a novel technique. The scans are difficult to interpret as a non-nuclear medicine radiologist but the reported results are impressive. I think this technique is certainly worthy of further investigation and therefore the manuscript is worthy of publication.



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## ESPS Peer-review Report

**Name of Journal:** World Journal of Gastroenterology

**Ms:** 2362

**Title:** Detection of secondary infections associated with severe acute pancreatitis: a comparison of 99mTc-Ciprofloxacin scintigraphy and CT

**Reviewer code:** 00045410

**Science editor:** s.x.gou@wjgnet.com

**Date sent for review:** 2013-02-18 16:37

**Date reviewed:** 2013-03-08 12:34

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> [ Y] Accept
<input type="checkbox"/> [ Y] Grade B (Very good)	<input type="checkbox"/> [ Y] 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

### CONFIDENTIAL COMMENTS TO EDITOR:

A good innovative study in which an animal model has been used to test the usefulness of labelled scintigraphy in detection of pancreatitis associated with infection. Worth publishing.

### COMMENTS TO AUTHORS:

This is a well-presented manuscript describing a good research protocol on the use of Tc99m Ciprofloxacin in the detection of infection in severe acute pancreatitis in an animal model. The SPECT images, with high background activity in the nearby organs, are indistinct, as is to be expected at this resolution. As the authors themselves have pointed out, SPECT-CT hybrid imaging would provide better images and localize the abnormal tracer activity more precisely to the focus of infection. However, as this is a preliminary animal study, the authors are to be commended on the thoroughness of the study and innovative application of this tracer in a common diagnostic problem. While the authors have been quite sincere in their approach to the study, a few points need clarification: 1. The labeling procedure should be clarified. Did they use a commercially available Tc99m-Ciprofloxacin kit (Infecton), or did they label the antibiotic themselves? (Only in the last line of the legend for Figure 5 is the term “infecton” used.) In case it is the latter, the labeling procedure should be explained in greater detail. 2. A whole body planar scan at 3 hours (the peak activity time demonstrated for the tracer) showing the normal biodistribution of Tc99m Ciprofloxacin would be useful. This would also clearly show the absence of any unlabeled Tc99m in the preparation. Table 1 appears superfluous, as the information has already been provided in the main text. The figure legends should be shortened so as to specifically describe the contents of the figures only.