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8226 Regency Drive, Pleasanton, CA 94588, USA
Telephone: +1-925-223-8242 Fax: +1-925-223-8243
E-mail: bpgoffice@wjgnet.com http://www.wjgnet.com

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology
ESPS manuscript NO: 15030
Title: Evaluation on tumor regression grading using multiphoton microscopy after neoadjuvant treatment for colorectal carcinomas
Reviewer's code: 00009417
Reviewer's country: Germany
Science editor: Yuan Qi
Date sent for review: 2014-11-05 13:33
Date reviewed: 2014-11-06 23:45

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[ ] Grade A: Excellent	[ ] Grade A: Priority publishing	Google Search:	[ ] Accept
[ ] Grade B: Very good	[Y] Grade B: Minor language polishing	[ ] Existing	[ ] High priority for publication
[Y] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] No records	[ ] Rejection
[ ] Grade D: Fair	[ ] Grade D: Rejected	BPG Search:	[Y] Minor revision
[ ] Grade E: Poor		[ ] Existing	[ ] Major revision
		[ ] No records	

COMMENTS TO AUTHORS

In the study a small number of CRCs was analyzed for tumour regression with multiphoton microscopy. The authors demonstrate that the technique is applicable to evaluate the grade of tumour regression. Comments 1. Advantages and disadvantages of multiphoton microscopy in comparison with other techniques should be systematically addressed. 2. Minimal tumour residues in a broad fiber matrix is hard detectable using conventional microscopy. Is there any evidence that multiphoton microscopy could overcome the problem? 3. Scarring includes accumulation of different collagen types. Collagen composition could be of interest to further characterize tumour regression. Is there any data available that multiphoton microscopy is able to categorize scarred tissues?