



**PEER-REVIEW REPORT**

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

**Manuscript NO:** 46303

**Title:** From 2-dimensional to 3-dimensional: Overcoming dilemmas in intestinal mucosal interpretation

**Reviewer's code:** 02627036

**Reviewer's country:** Romania

**Science editor:** Ruo-Yu Ma

**Reviewer accepted review:** 2019-02-17 12:35

**Reviewer performed review:** 2019-02-17 12:47

**Review time:** 1 Hour

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**

1. Too many self citation
2. Please remove bibliographic references older than 5 years

**INITIAL REVIEW OF THE MANUSCRIPT**



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**PEER-REVIEW REPORT**

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

**Manuscript NO:** 46303

**Title:** From 2-dimensional to 3-dimensional: Overcoming dilemmas in intestinal mucosal interpretation

**Reviewer’s code:** 02535507

**Reviewer’s country:** Italy

**Science editor:** Ruo-Yu Ma

**Reviewer accepted review:** 2019-03-19 10:01

**Reviewer performed review:** 2019-03-25 10:33

**Review time:** 6 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer’s expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**

In this review article Charlesworth and Marsh discussed about some pitfalls in intraepithelial lymphocytes (IELs) count in duodenal biopsy samples. Indeed, they point out that a bidimensional biopsy may lead to an overestimation of IEL count. Therefore



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they propose a 3D model to overcome this shortcoming. The main problem of this manuscript is that it is hard to understand in several parts, especially for a audience of gastroenterologists. In particular, the last paragraph starting at page 6 is quite obscure and needs to be re-written in a form that could be widely understandable even by "non-experts". Authors must give a more simple, practical and understandable definition of "numerical digit preference" and "quotient of accumulative addition of values". These concepts are pivotal for the discussion of this paper, therefore Authors must explain how they are calculated or used for 3D analysis, even through a worked example. An "obscure" concept significantly limits the feasibility of a method and, therefore, its diffusion in practice. Additionally, they should discuss whether these parameters may rule out the problem of subjective interpretation of cell count. Page 3 line 9: please check the word "autolysed". Page 5 line 18: does figure 5 refer to the figure of another paper? This issue is repeated several times in this paper. If so, the reader is forced to look for other figures in other papers, and this may badly impact on the comprehensibility of the paper.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

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