



**PEER-REVIEW REPORT**

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

**Manuscript NO:** 47451

**Title:** Gastro-duodenal disease in Africa: Literature review and clinical data from Accra, Ghana

**Reviewer's code:** 02855857

**Reviewer's country:** Japan

**Science editor:** Jia-Ping Yan

**Reviewer accepted review:** 2019-03-19 13:09

**Reviewer performed review:** 2019-03-28 11:55

**Review time:** 8 Days and 22 Hours

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 Grade E: Do not publish	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

**SPECIFIC COMMENTS TO AUTHORS**

The manuscript "GASTRO-DUODENAL DISEASE IN AFRICA" by Archampong et al. is a review paper on the topic of gastroduodenal diseases in Africa, with new clinical data presentation by authors. The manuscript is interesting and mostly well-written as the



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introduction of current clinical situations on GDD in Africa. However I would like to recommend the change or modification on following points; 1. Title (page1): As this manuscript is not a complete literature review, but it involved clinical study by authors, changing the title, for example, adding subtitle such as “literature review and clinical data from Accra” would fit the contents and would be readable to the readers. 2. Abstract (page3): “complement the analysis with new data obtained on pre-malignant gastric histopathological lesions in Accra, Ghana and Maputo, Mosambique”. I think data from Maputo is not new data (ref 42). 3. Methods (page6?): This paper did not contain method part in the current form. Only sources of papers are indicated. If authors want to include clinical study part, please describe the details of the study in methods or sources of clinical study. 4. Patterns of peptic ulcer disease in Africa (page8): “Nevertheless, in an unselected community study in Lusaka, Zambia, PUD was comparable in prevalence to other western countries (9)”. What is (9)? Please indicate the reference of this study. 5. Gastric histopathology in dyspeptic patients (page9, Table2): I would like to recommend authors to include study from Japan, where endoscopic examination is highly accessible to people, and gastric cancer incidence is especially high, opposite to the cases in Africa. One of the largest histological study in Japan, reported 17.2% cases had intestinal metaplasia in antrum, and 10.8% had in body among 1395 dyspeptic patients (Sakitani et al. J Gastroenterol and Hepatol 2011 26 1570). This data is comparable to Finland study, but is considerably higher than that from Accra, Mozambique, and most African studies presented in Table 2. The distribution of metaplasia is quite different from that presented in Table 3, highlighting the distal predominant advanced histology in Accra and Mozambique studies. In addition, this Japanese histological study clearly showed IM, especially in corpus, is a risk factor of gastric cancer. 6. Gastric histopathology in Accra, Ghana (page9): “The modified Sydney system” is usually termed as The updated Sydney system. Did the authors



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newly modify the system? 7. Gastric histopathology in Accra, Ghana (page10): I cannot follow the data on “The majority showed mild gastric atrophy 6/9(66.7%) and/or intestinal metaplasia 10/16(62.5%), respectively” in Table 3. Where is gastric atrophy of “6” or “9” cases ? Where is intestinal metaplasia “10” and “16” cases. Please explain the source of these numbers and revise the sentence or table.

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

##### ***Google Search:***

- The same title
- Duplicate publication
- Plagiarism
- No

##### ***BPG Search:***

- The same title
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- Plagiarism
- No



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

**Manuscript NO:** 47451

**Title:** Gastro-duodenal disease in Africa: Literature review and clinical data from Accra, Ghana

**Reviewer's code:** 01800318

**Reviewer's country:** Greece

**Science editor:** Jia-Ping Yan

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**Reviewer performed review:** 2019-04-11 15:05

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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 checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input checked="" 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 checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**

This manuscript analyzes a topic that has not been adequately covered before. The authors manage to present many different epidemiological aspects of Gastroduodenal disease in Africa, while trying to provide explanations for the vast differences observed



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between studies that deal with this topic. The scientific quality of the manuscript is adequate, but what stands out is that it does a very good job in covering a very interesting subject, one that is not consistently addressed.

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

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##### ***BPG Search:***

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- No