

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 39646

**Title:** Risk Factors for Gastroesophageal Reflux Disease and analysis of genetic contributors

**Reviewer's code:** 00503572

**Reviewer's country:** Mexico

**Science editor:** Jin-Lei Wang

**Date sent for review:** 2018-05-04

**Date reviewed:** 2018-05-05

**Review time:** 21 Hours

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 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 checked="" 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

The manuscript entitled Risk Factors for Gastroesophageal Reflux Disease and analysis of genetic contributors is an interesting review regarding some important features of GERD. One of the most important concepts in the study of GERD is its relationship with



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genetics. Since a long time ago, observation of familiar affection with GERD has been reported. Nevertheless environmental or life styles collectively practiced into families conditioning this disease could not be ruled out. The new focus of research on genetic risk factors of GERD is welcome since it contributes for understanding the disease and be may give useful information for clinical use. The information in this field generated until now is scarce and quite difficult to understand by a clinician who is in care of these patients. It seems to be still in the field of basic Scientifics. Nevertheless, we have to recognize that some progress has been made at this regard. Data given in this minireview prove it. I would suggest author discuss the following information: 1.- What is the contribution of genetic marker of GERD in terms of clinical care of these patients? 2.- To make a brief review regarding the diagnostic definition of GERD used in the published literature on genetic factors whose results were given in the manuscript. This issue is important given the diversity of definitions that have been used in research. 3.- What is the future in research of genetics and GERD?.

## **INITIAL REVIEW OF THE MANUSCRIPT**

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

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

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

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism



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[ Y ] No

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 39646

**Title:** Risk Factors for Gastroesophageal Reflux Disease and analysis of genetic contributors

**Reviewer's code:** 03720781

**Reviewer's country:** China

**Science editor:** Jin-Lei Wang

**Date sent for review:** 2018-05-04

**Date reviewed:** 2018-05-06

**Review time:** 2 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 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 type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

The manuscript entitled Risk Factors for Gastroesophageal Reflux Disease and analysis of genetic contributors focus of research on pathogenetic mechanisms and genetic risk factors of GERD is interesting and welcome since it contributes for understanding the



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disease and be may give useful information for clinical use. I would suggest author more discuss the role of genes、 life styles、 anatomical factors in the development of gastroesophageal reflux diseaset.

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

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- ☐ Duplicate publication
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- ☐ No

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 39646

**Title:** Risk Factors for Gastroesophageal Reflux Disease and analysis of genetic contributors

**Reviewer's code:** 02440966

**Reviewer's country:** South Korea

**Science editor:** Jin-Lei Wang

**Date sent for review:** 2018-05-04

**Date reviewed:** 2018-05-06

**Review time:** 2 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 checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input checked="" 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 checked="" 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 checked="" 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 is a review article about the genetic aspect of GERD. Because many clinicians would like to know the impact of genetic predisposition on GERD, this manuscript can induce the readers' interest about this topic. There are some issues to be revised. 1) The



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table summarizing the studies about the genetic factors in GERD is strongly recommended 2) The use of abbreviation is not adequate. 3) There are several typographical errors.

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

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- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 39646

**Title:** Risk Factors for Gastroesophageal Reflux Disease and analysis of genetic contributors

**Reviewer's code:** 00058401

**Reviewer's country:** Brazil

**Science editor:** Jin-Lei Wang

**Date sent for review:** 2018-05-04

**Date reviewed:** 2018-05-10

**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 checked="" type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input checked="" type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input checked="" 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

1-I think that a multifactorial disease that involves so many variables cannot have a single or at least a recognisable genetic pattern

2 - I study this problem and in my opinion we have to get an answer to an old





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question-Why patients do secrete gastric acid in the interprandial periods? 3-How many genes would be responsible by coding anomalous proteins in all structures: Muscles of esophagus, diaphragm, phrenoesophageal membrane, lower esophageal sphincter.

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## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 39646

**Title:** Risk Factors for Gastroesophageal Reflux Disease and analysis of genetic contributors

**Reviewer's code:** 03478568

**Reviewer's country:** China

**Science editor:** Jin-Lei Wang

**Date sent for review:** 2018-05-04

**Date reviewed:** 2018-05-12

**Review time:** 8 Days

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	(High priority)	<input checked="" 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
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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

GERD is a kind of increasing common disease, with the precise mechanism still unclear.

The current manuscript reviewed the genetic risk factors involved in the development of GERD, applying a valuable potential of the prospective future for the diagnosis and



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treatment of GERD. However, there are some details to be commented. 1. It is better to change the title into 'Analysis of the genetic risk factors and their mechanism for GERD' 2. There is a grammar error in the first sentence of the abstract. 3. The part discussing the ordinary risk factors and mechanism of GERD should be simplified to some degree, because these factors have been known well. 4. The authors should present the link between these ordinary risk factors and genetic risk factors. 5. The possible precise mechanism of the changes of genetic risk factors should be discussed in some details. 6. It should be discussed how to evaluate these studies based on their structural and functional background.

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