

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 43241

Title: New results on the safety of laparoscopic sleeve gastrectomy for type 2 diabetes patients bariatric procedure

Reviewer's code: 02631746

Reviewer's country: United States

Science editor: Fang-Fang Ji

Date sent for review: 2018-11-10

Date reviewed: 2018-11-10

Review time: 9 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input checked="" type="checkbox"/> Accept	Peer-Review:
<input checked="" 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 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 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 is retrospective analysis of the data on LSG in diabetics and non-diabetics. Final analysis revealed that LSG is safe for diabetics. These results are as expected. In addition to safety of the procedure, it would have been interesting had the authors also



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gave data about how many patients had full or partial remission of diabetes, hypertension dyslipidemia following the LSG. It would have been more appropriate had the authors also provided data about certain other biochemical indices such as plasma insulin levels, GLP-1, TNF, IL-6, adiponectin, ghrelin and leptin before and after LSG and correlate them with the resolution of diabetes, hypertension and dyslipidemia in the study population.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 43241

Title: New results on the safety of laparoscopic sleeve gastrectomy for type 2 diabetes patients bariatric procedure

Reviewer's code: 03460306

Reviewer's country: Japan

Science editor: Fang-Fang Ji

Date sent for review: 2018-11-10

Date reviewed: 2018-11-11

Review time: 18 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 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 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

In this study, Guetta et al. reported the incidence of early complications after laparoscopic sleeve gastrectomy (LSG) in patients with T2DM compared with those without. The study was a retrospective, single center cohort including 143 patients with



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T2DM and 841 non-diabetic patients. The authors found that the incidence of mild, but not severe complications was increased in patients with T2DM and 1% increase in HbA1c level was associated with higher incidence of severe complications. The relatively large number of the subjects was a strength of the study. However, there are several issues. 1) The incidence of early complications was actually increased in patients with T2DM. Thus, the title should be changed to reflect this finding. 2) The authors claimed that severe complications were not increased in patients with T2DM compared with non-diabetics. However, the authors also found that the incidence of severe complications increased with higher HbA1c level, meaning that the risk of severe complications increases in patients with T2DM. The authors should discuss this discrepancy more precisely. 3) The longer-term complications were not assessed in this study. This point should be clearly described and discussed in the manuscript. 4) Description of surgical procedure in the Introduction section should be moved to the Methods section. 5) The cause of death should be described in the manuscript. 6) Duration of diabetes and diabetic complications (retinopathy, nephropathy and neuropathy) likely associates with complications after LSG. These information should be included in the analyses. 7) The incidence of complications may change (reduce?) between 2008 and 2015. This point also should be considered in the analyses. 8) There are many typos in the manuscript. The English editing by a native speaker should be performed.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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



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[Y] No

BPG Search:

[] The same title

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[] Plagiarism

[Y] No

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 43241

Title: New results on the safety of laparoscopic sleeve gastrectomy for type 2 diabetes patients bariatric procedure

Reviewer's code: 02446627

Reviewer's country: United States

Science editor: Fang-Fang Ji

Date sent for review: 2018-11-10

Date reviewed: 2018-11-18

Review time: 18 Hours, 7 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 checked="" type="checkbox"/> Anonymous
<input 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

Very nicely done study and very relevant clinically

INITIAL REVIEW OF THE MANUSCRIPT



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Google Search:

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- ☐ Plagiarism
- ☐ No

BPG Search:

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

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 43241

Title: New results on the safety of laparoscopic sleeve gastrectomy for type 2 diabetes patients bariatric procedure

Reviewer's code: 00506276

Reviewer's country: Poland

Science editor: Fang-Fang Ji

Date sent for review: 2018-11-10

Date reviewed: 2018-11-19

Review time: 9 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
<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 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 aim of this study was to examine the prevalence of complications after laparoscopic sleeve gastrectomy in patients with type 2 diabetes in comparison to control non-diabetic ones. The study was performed in the retrospective cohort of 984 patients of one hospital



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about whom 14.5% suffered from T2DM. The rate of early (within 60 days) complications was assessed. The major findings are that: (1) the rate of mild but not of severe complications was higher in T2DM patients, and T2DM remained the independent predictor of complications in multivariate analysis, (2) there was no relationship between fasting plasma glucose and the risk of complications, however, every 1% increase in HbA1c was associated with >40% higher risk of severe complications. The findings are of interest and the paper is overall well-written. However, there are some issues to be addressed. 1) The aim of the study should be specified at the end of Introduction. 2) Some additional data about T2DM patients such as pre-surgery duration of diabetes, the method of treatment before surgery and the existence of specific diabetic complications should be provided. 3) Table 1: it should be specified in the methods how anemia and chronic ischemic heart disease were defined.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No

BPG Search:

- ☐ The same title
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- ☐ Plagiarism
- ☐ [Y] No

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 43241

Title: New results on the safety of laparoscopic sleeve gastrectomy for type 2 diabetes patients bariatric procedure

Reviewer's code: 00506294

Reviewer's country: Spain

Science editor: Fang-Fang Ji

Date sent for review: 2018-11-10

Date reviewed: 2018-11-20

Review time: 2 Hours, 10 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 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

The authors of this article about laparoscopic sleeve gastrectomy analyze 143 patients and demonstrate that this technique shows a slightly increased risk for mild complications in type 2 diabetic patients with morbid patients with obesity and in some



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cases observed type 2 diabetes remission. Thus the evidence is that laparoscopic sleeve gastrectomy is an effective option for these patients. The patients need a strict metabolic control prior to operation to reduced postoperative complications. The article is interesting and is an important contribution to the management of type 2 diabetes with obesity.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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

BPG Search:

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

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 43241

Title: New results on the safety of laparoscopic sleeve gastrectomy for type 2 diabetes patients bariatric procedure

Reviewer's code: 02446526

Reviewer's country: United Kingdom

Science editor: Fang-Fang Ji

Date sent for review: 2018-11-10

Date reviewed: 2018-11-22

Review time: 11 Hours, 12 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 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 article seems interesting although I have some concerns as pointed out below: 1)
Compared to the global bariatric surgery data, the percentage of cases with diabetes in
this study is surprisingly low. Please explain why this is so (is it peculiar to Israeli



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medical practice?). 2) Introduction should describe mainly the rationale for the study and may avoid much description about the surgical procedure 3) It may be worth reporting the multivariate analysis in a table to enhance understanding of what was done

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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

BPG Search:

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

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 43241

Title: New results on the safety of laparoscopic sleeve gastrectomy for type 2 diabetes patients bariatric procedure

Reviewer's code: 02951258

Reviewer's country: Ukraine

Science editor: Fang-Fang Ji

Date sent for review: 2018-11-10

Date reviewed: 2018-11-23

Review time: 12 Hours, 13 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 checked="" type="checkbox"/> Anonymous
<input 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

The main topic of the article "Laparoscopic sleeve gastrectomy for type 2 diabetes patients is a safe bariatric procedure" is interesting and actual. The objective of this study was to evaluate the safety of laparoscopic sleeve gastrectomy in type 2 diabetes patients.



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Authors have conducted an retrospective cohort study over patients admitted for laparoscopic sleeve gastrectomy from January 2008 to May 2015. This study included 841 non-diabetic and 143 type 2 diabetic patients. The relatively long analyzed period and a large number of the patients are a strength of this investigation. According to the title and aim of the study the safety of the intervention was a primary outcome, so authors should give more detailed information according to this aspect. Namely at the moment is not clear the finding that severe complications were not increased in patients with type 2 diabetes compared with non-diabetics and at the same time the declaration, that the incidence of severe complications increased with 1 % of HbA1c level increase. This statement should be discussed more carefully. It would be great to add some longer-term complications of surgery. The information about the duration of diabetes mellitus, management of the disease before the surgery and presence of chronic micro- and macrovascular diabetic complications should be added. In general the manuscript is well-written and interesting and the paper may be published in the WJD.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No

BPG Search:

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



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[Y] No