

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Diabetes

**Manuscript NO:** 45542

**Title:** Burden of diabetic foot ulcer in Nigeria: Current evidence from the Multicenter Evaluation of Diabetic Foot Ulcer in Nigeria

**Reviewer's code:** 03469767

**Reviewer's country:** Iran

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2019-01-15

**Date reviewed:** 2019-01-15

**Review time:** 10 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 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 checked="" type="checkbox"/> Grade D: Fair	<input checked="" 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 checked="" 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 methods of study is not according to aim of investigation sampling of center????  
how the researcher selected the center? this should be clearly explain. accurate  
definition of DFU in a separate section. why knowledge of foot care, receiveing foot care,

and other information was gathered?

#### 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:** 45542

**Title:** Burden of diabetic foot ulcer in Nigeria: Current evidence from the Multicenter Evaluation of Diabetic Foot Ulcer in Nigeria

**Reviewer's code:** 00000663

**Reviewer's country:** Italy

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2019-01-11

**Date reviewed:** 2019-01-17

**Review time:** 2 Hours, 6 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

A very reasonable analysis of the prevalence and burden of diabetic foot in individuals with diabetes in Nigeria. The study covers a large population and may be reasonably extrapolated to the whole country. The authors must be congratulated for the efforts



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done in retrieving several useful data for the health providers. The data show that a long way should be run to have a management of disease comparable to what is done in the Western countries. I have only a few suggestions to further improve the manuscript, in case that other data may be available. 1. There is no mention of treatment with glucose-lowering drugs. We only know that a non-negligible number of cases belonged to newly-diagnosed diabetes. It would be important to add data on how many cases with overt diabetes were treated by the sole diet (if any!), with glucose-lowering drugs (Which?) and finally how many were on insulin treatment at presentation. 2. Outcome data might be split according to metabolic control at presentation (as an example, HbA1c <8%, 8-10%, over 10%) and eventually by treatment. 3. Death rates was high, both before and after LEA, and does not include patients voluntarily discharged. We need to know the time lag between admission and LEA, as well as the time lag between admission and death or LEA and death. This will provide a clearer picture of the disease burden for the healthcare system

## **INITIAL REVIEW OF THE MANUSCRIPT**

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

- ☐ The same title
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- ☐ No

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

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

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Diabetes

**Manuscript NO:** 45542

**Title:** Burden of diabetic foot ulcer in Nigeria: Current evidence from the Multicenter Evaluation of Diabetic Foot Ulcer in Nigeria

**Reviewer's code:** 03469734

**Reviewer's country:** Turkey

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2019-01-15

**Date reviewed:** 2019-01-19

**Review time:** 4 Hours, 4 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 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

It has to be thanked to the authors that they have taken care of this topic. I found this study that highlights a general problem with diabetic patients. I'd like some points to come out, I'd appreciate it if you could answer. Who's making the LEA decision? Is



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there a council with different disciplines? BMI measurement was made of the patients?  
Were you able to use hyperbaric oxygen treatment for DFU?

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

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- ☐ Plagiarism
- ☐ [Y] No

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

- ☐ The same title
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- ☐ [Y] No

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Diabetes

**Manuscript NO:** 45542

**Title:** Burden of diabetic foot ulcer in Nigeria: Current evidence from the Multicenter Evaluation of Diabetic Foot Ulcer in Nigeria

**Reviewer's code:** 03909861

**Reviewer's country:** United States

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2019-01-15

**Date reviewed:** 2019-01-22

**Review time:** 21 Hours, 7 Days

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

Using data from a one-year multicenter prospective observational study of 336 patients from 6 tertiary health institutions in Nigeria, this study provided the first evaluation of the current burden of diabetic foot ulcer (DFU) in a large population across different





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regions of Nigeria. This is a well conducted study and a very nicely written paper that revealed the alarmingly high burden of DFU in Nigeria which needs to be addressed in a systematic way. I only have 2 minor comments that need be addressed: 1. It will be helpful to present a map of the 6 health institutions participating in the MEDFUN study. This map could help the readers to evaluate how representative the study sample is with respect to the overall population of Nigeria. 2. The numbers presented on the Y axis of Figure 5 are percentages. However, some of the numbers are greater than 100%. This error needs to be fixed.

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

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

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- ☐ Plagiarism
- ☐ No

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Diabetes

**Manuscript NO:** 45542

**Title:** Burden of diabetic foot ulcer in Nigeria: Current evidence from the Multicenter Evaluation of Diabetic Foot Ulcer in Nigeria

**Reviewer's code:** 00506276

**Reviewer's country:** Poland

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2019-01-15

**Date reviewed:** 2019-01-23

**Review time:** 10 Hours, 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 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 checked="" 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 analyze the burden of diabetic foot in Nigeria. Data obtained in 336 patients with diabetic foot are analyzed and presented. The study represents the solid piece of data collection statistical analysis. There are some minor



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concerns to be addressed. 1) This is not a prospective study. The patients were not followed-up during the intervention. This is an observational study although some collected data refer to the past. 2) Results, line 3: does the prevalence of T2DM (96.1%) refer to all diabetic patients or only those with diabetic foot? 3) Figure 2: the prevalence of specific risk factors is presented. However, what was the prevalence or 2 or more risk factors in the same patient?

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

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- ☐ Plagiarism
- ☐ [Y] No