Reviewer’s report

Title: Title: Incidence and determinants of diabetes-related lower limb amputations in Ghana, 2010-2015- a retrospective cohort study

Version: 2 Date: 15 Oct 2018

Reviewer: Michael Edmonds

Reviewer's report:

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Line 100

"We classified LLA done through the proximal tarsometatarsal joint as major and those distal to this joint as minor."

What is the justification for this?

Line 139

"Incidence of amputations

The absolute number of diabetes-related LLA among our cohort increased from 2 in 2010 to 29 in 2015. The average incidence rate of diabetes related-LLA was 2.4 (95% CI:1.84- 5.61) per 1000 follow up years: increasing from 0.6 (95% CI:0.21-2.21] per 1000 follow up years in 2010 to 10.9 (95% CI:6.22-12.44) per 1000 follow up years in 2015"

How was the incidence of amputations calculated?

What does "per 1000 follow-up years " mean ?

How many patients were attending the clinic in 2010 and 2015?

Line 146

"The main causes of amputation included PVD, i.e. 63% of LLA, PSN; 24% and 13% were due to a combination of the two."

How does neuropathy cause the amputation?
What about infection?

Figure 2,

How did a neuropathic ulcer lead to amputation?

**Are the methods appropriate and well described?**
If not, please specify what is required in your comments to the authors.

Yes

**Does the work include the necessary controls?**
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