### **Peer Review File**

Article information: http://dx.doi.org/10.21037/jphe-20-63

### **Reviewer Comments**

Well written manuscript. Please consider the following changes

### Title:

Comment 1: Please change title name since it is too long. Make it more specific. Reply 1: We agree with the suggestion Changes in the text: We changed the title (see page 1, line 3)

### Abstract:

Comment 1: Objective - Change to "To determine association of drug-related problems with the use of statins and with other risk factors (such as dietary habits and cardiovascular disease risk score). Reply 1: We agree with the Reviewers suggestion Changes in the text: we have modified our text as advised (see page 2, lines 24,25)

Comment 2: Line 27 – Retrospective Reply 2: We agree with the Reviewers suggestion Changes in the text: We changed the respective part in the text (see page 2, line 27)

Comment 3: Line 28- Information on Reply 3: We agree with the Reviewers suggestion Changes in the text: We changed this part in the text (see page 2, line 28)

Comment 4: Line 42 – mainly due to inadequate dosage of statins Reply 4: We agree with the Reviewers suggestion Changes in the text: We changed this part the text (see page 2, line 42)

Background:

Comment 5: Line 51, 52 - In Colombia, 52 an increase in dyslipidemia prevalence of almost 3% per year has been determined –please include reference for this data Reply 5: We agree with the Reviewers suggestion. The right reference is number 1 Changes in the text: We included reference in text as advised (see page 3, line 51-52)

Comment 6: Line 62 – Remove "the" before obstructive sleep apnea syndrome Reply 6: We agree with the Reviewers suggestion Changes in the text: We removed "the" from the respective part (see page 3, line 62)

Reply 7: We agree with the Reviewers suggestion Changes in the text: We changed the respective part in the text (see page 3, line 63)

Comment 8: Line 74 - Consider including the following reference from AJC "Umapathi KK, Thavamani A. Statin Prescription Rates in Children With Severe Dyslipidemia in the United States. Am J Cardiol. 2020;131:139-140. doi:10.1016/j.amjcard.2020.06.057" Reply 8: We agree, thank you so much Changes in the text: We included reference, as advised (see page 3, lines 74, 377)

Comment 9: Line 80 – that which interferes Reply 9: We agree with the Reviewers suggestion Changes in the text: We changed the respective part in the text (see page 3, line 80)

Comment 10: Line 96 – recent data shows that Reply 10: We agree with the Reviewers suggestion Changes in the text: We changed the respective part in the text (see page 4, line 96)

Comment 11: Line 98 – 43 NOMs were identified in hospitalized patients Reply 11: We agree with the Reviewers suggestion Changes in the text: We changed the respective part in the text (see page 4, line 98)

Comment 12: Line 104 – remove period after and Reply 12: We agree with the Reviewers suggestion Changes in the text: We changed the respective part in the text (see page 4, line 104)

### **Materials and Methods:**

Comment 13: Line 121 – the sample size was calculated to be 132 patients Reply 13: We agree with the Reviewers suggestion Changes in the text: We have added this part in the text (see page 5, line 121)

Comment 14: Line 124 – What does XXX mean Reply 14: We apologize for this mistake. This mean "PHC Comfandi and the Icesi University". Changes in the text: We remarked this part in the text (see page 5, line 124)

Comment 15: Line 130 – (yes or no for each patient diagnosis) Reply 15: We agree with the Reviewers suggestion Changes in the text: we have modified our text as advised (see page 5, line 130)

Comment 16: Line 131 – history of cardiovascular events Reply 16: We agree with the Reviewers suggestion Changes in the text: We changed this part in text (see page 5, line 131)

Comment 17: Line 134 – lipid profile

Reply 17: We agree with the Reviewers suggestion Changes in the text: We have changed this part in text (see page 5, line 134)

Comment 18: Line 138 – Which guideline was used for statin prescription. Please include reference Reply 18: We used clinical practical guideline (CPG) of the primary health care centre. The CPG is not yet published Changes in the text: We have included in the text the CPG that was used (see page 5, line 140)

Comment 19: Line 146 – according to Reply 19: We agree with the Reviewers suggestion Changes in the text: We have changed this part in text (see page 6, line 146)

### **Results**:

Comment 20: Paragraph 1 – mention p values were necessary Reply 20: We agree with the Reviewers suggestion Changes in the text: We have included this change in text (see page 7, lines 182,186)

Comment 21: Paragraph 2 – mention p values where necessary Reply 21: We agree with the Reviewers suggestion Changes in the text: We have included this change in text (see page 7, line 191)

Comment 22: Line 192 – statin treatment Reply 22: We agree with the Reviewers suggestion Changes in the text: We have changed this part in text (see page 7, line 192)

Comment 23: Line 196 – DRPS were associated Reply 23: We agree with the Reviewers suggestion Changes in the text: We changed this part in text, as suggested (see page 7, line 196)

### **Discussion**:

Comment 24: Line 213 – association of DRPs with Reply 24: We agree with the Reviewers suggestion Changes in the text: We changed this part in text (see page 8, line 213)

Comment 25: Line 233 – A study done on severely obese population revealed Reply 25: We agree with the Reviewers suggestion Changes in the text: We have changed this part in text (see pages 8-9, line 233,234)

Comment 26: Line 237 –healthy lifestyle Reply 26: We agree with the Reviewers suggestion Changes in the text: We have changed this part in the text (see page 9, line 237)

Comment 27: Line 239 -study done in PHC Reply 27: We agree with the Reviewers suggestion Changes in the text: We have changed this part in the text (see page 9, line 239)

Comment 28: Line 259 – low FRS Reply 28: We agree with the Reviewers suggestion Changes in the text: We have changed the aforementioned in text (see page 9, line 259)

Comment 29: Line 262 – the line doesn't flow well. Rewrite it Reply 29: We agree with the Reviewers suggestion Changes in the text: We have rephrase this line in text (see page 6, line 146)

Comment 30: Line 310 – A recently published study Reply 30: We agree with the Reviewers suggestion Changes in the text: We changed this part in text (see page 11, line 310)

Comment 31: Line 317 – For the proposal Reply 31: We agree with the Reviewers suggestion Changes in the text: We have changed this part in text (see page 11, line 317)

### **Conclusion**:

Comment 32: Line 346 – mainly due to inadequate dosage of statin Reply 32: We agree with the Reviewers suggestion Changes in the text: We have changed this part in text (see page 12, line 346)

### Tables:

Comment 33: Consider reducing p values to two decimals Reply 33: We agree with the Reviewers suggestion Changes in the text: We have now changed the p values including two decimals in the text (see page 6, line 146)

Comment 34: Speeling error Table 3 – Medication involved Reply 34: We agree with the Reviewers suggestion Changes in the text: We have changed this part in text (see page 6, line 146)