Reviewer's report

Title: Screening South Asians for type 2 diabetes and prediabetes: a comparison of oral glucose tolerance test and haemoglobin A1c and characterization of individuals diagnosed

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Reviewer: yaomin hu

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In the present study, the Authors assessed 944 South Asians who were screened by means of HbA1c and OGTT in The Hague, The Netherlands. And calculated the area under the curve of HbA1c using the American Diabetes Association classifications. And also studied differences in metabolic characteristics between those identified by HbA1c and by the OGTT alone. And found that HbA1c identified a partially different group than the OGTT. However, both those identified by HbA1c and those identified by OGTT alone were at increased metabolic risk. A combined rather than a single test strategy should perhaps be considered among South Asians.

Given the extremely hot issue and the high number of subjects, the paper is quite interesting, but some minor points need to be issued. In detail:

1) It is well known that measurement of HbA1c displays an extremely high variability worldwide: therefore in the method section, HbA1c test method should be better described. In particular, normal range should be reported

2) the overall content of the paper is too general. Some studies have already published similar results by using similar methods. To specify this paper, the author should explain more details about the background of the study. Authors should further discuss the feasibility of the presented screening model (combined strategy) in their society.

3) Is there any difference between yours and other data? If yes, did the difference of population characteristics influence on your results? Is there any similar study from Asian targeted general or high risk population?

Level of interest: An article of limited interest

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:
I declare that I have no competing interests