

Reviewer's report

Title: Use of Dried Blood for Measurement of Trans Fatty Acids

Version: 2 **Date:** 6 April 2009

Reviewer: prem pais

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1. The authors state repeatedly that the gold standard for estimation of fatty acids is sampling of adipose tissue. The present paper compares dried blood spot to venous blood. I was unable to find any comment on how accurate venous blood is as compared to adipose tissue sampling
2. While the abstract states that blood was stored at -70 degrees the methods section speaks of -80 degrees.
3. It is stated in the discussion (last paragraph) that "traditional risk factors are not able to explain the high rate of premature CAD.". This is not accurate. The INTERHEART study and a substudy of south Asians reported that 90% of risk of MI can be explained by traditional risk factors
4. The abbreviation list is incomplete e.g. ICC

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Needs some language corrections before being published

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