

Review of: "Serological detection strategy and prevalence of HIV and Viral Hepatitis B and C in blood donors in Yaoundé Cameroon"

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Potential competing interests: No potential competing interests to declare.

Abstract:

Results – line 1- I would write 1,162 and not 1.162.

Main text:

Background: para 2- The authors mention “world” and cite ref numbers 6 and 7. These studies are from Africa. Might want to include data from other parts of the world. For instance, we have published <https://omjournal.org/articleDetails.aspx?coType=1&aid=3136> and there are several studies from Asia which reflect a real issue with blood transfusions and patient care.

Materials & Methods- did the authors repeat Murex HBsAg test to confirm reactivity? If yes, they may elaborate it.

Do blood banks in SSA screen bloods for syphilis and malaria? Why did the authors not test these infections of concern?

Results: Table 1 – age range should be written as 18-20, 21-30, 31-40 and so on

Percentage should be formatted with a decimal point i.e, n (%) to be written as 91 (7.8).

Overall comment: Authors have highlighted TTIs among blood donors in Cameroon. It is an important piece of work and solid measures need taking to address high prevalence of Hepatitis. They can briefly discuss the blood banks’ screening policy, what steps have been taken to avoid transfusion with contaminated blood, whether the strategy has worked. They do suggest that the TTIs have gone down compared to the 2009 study. Can they compare the data and show a tabulated version in the manuscript? Can they plot the trends over the last decade or so?

Last but not least, the authors must also correct the grammar.