Reviewer’s report

**Title:** Salmonella enterica bacteraemia: A multi-national population-based cohort study.

**Version:** 1  **Date:** 17 February 2010

**Reviewer:** Samuel Kariuki

**Reviewer’s report:**

I have enjoyed reading this manuscript. It provides novel data on the low prevalence of typhoidal and non-typhoidal salmonella (NTS) bacteremia in industrialized countries settings comapred to the high levels of life-threatening infection rates in most developing countries in subsaharan Africa. One issue of major importance is the fact that these data should be interpreted with caution as there were several limitations (most are already highlighted in the manuscript) the main one being that this was a retrospective study and methods and tools for data collection were not necessarily uniform throughout the study population. Some of the major risk facors for NTS bacteremia in subsaharan Africa include co-morbidity with HIV, malaria, sickle cell trait and malnutrion (especialy in young children). Did the authors register any co-morbidities in their study populations?

**Level of interest:** An article of importance in its field

**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'