**Reviewer's report**

**Title:** Incidence, Risk Factors, and Outcomes of Fusobacterium species Bacteremia.

**Version:** 1  **Date:** 4 November 2012

**Reviewer:** Petri Mattila

**Reviewer’s report:**

The manuscript describes bacteremic infections caused by Fusobacteria in a population-based cohort. The manuscript is well written and the results are thoroughly discussed in the context of other previously published reports on the topic. This report of 72 cases of Fusobacteria bacteremias is one of the largest described on this relatively rare infection. The report is of interest to professionals treating infectious diseases and gives a contribution to the field.

Minor comments

1) Last paragraph of the introduction lane 4 “As such, the paper by Nohrstrom ...”. The reference number is missing, reference number 3.

2) Last paragraph of the methods and Table 1. How were the population based risk factors calculated? Did the authors have access to the incidence of malignancy, dialysis, dementia, etc. in the total Calgary population? If they did, how did they get this information? In Table 1 The column “Age group” is not explained thoroughly. What does 20+, etc mean? Is it the reference population older than 20 years, etc.? Please explain more.

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

**Quality of written English:** Acceptable

**Statistical review:** Yes, but I do not feel adequately qualified to assess the statistics.

**Declaration of competing interests:**

I declare that I have no competing interests.