

Reviewer's report

Title: Utility of Procalcitonin for Diagnosis of Infection and Guide to Antibiotic Decisions: Past, Present and Future

Version: 1 **Date:** 3 June 2011

Reviewer: Konrad Reinhart

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Minor essential revisions

The authors should extend the list of clinical scenarios where PCT may be elevated without an infection being present. They should also be more cautious with the claim that it has been demonstrated that PCT is helpful in reducing antibiotic overuse in severe sepsis patients. This was only a very small study with a lot of exclusion criteria. A larger trial (SISPCT trial) is ongoing.

Quality of written English: Acceptable

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

Declaration of competing interests:

I received research funds, speakers fees and payments as consultant by BRAHMS Diagnostics who are the manufacturers of PCT.