Reviewer’s report

Title: Utilization of serology for the diagnosis of suspected Lyme borreliosis in Denmark: Survey of patients seen in general practice

Version: 2 Date: 27 April 2010

Reviewer: Hermann Girschick

Reviewer’s report:

Major compulsory REvision:

After the Revision the critical questions of the last comments of mine have not been addressed in detail. I do appreciate that in the literature the Flagellin ELISA test has a high sensitivity of 98% for late Borreliosis. However, if the clinical pictures reported are somewhat rightly recognized (Acrodermatitis, Erythema migrans) then, the results of the tests are unexplained even in an Area of low background serology. Therefore a control serology using western blotting or others ELISAs really would help to understand what had happened in this study. From a clinical standpoint the test is not usefull with such low positive results in obviously classical Borrelia diseases.

If the authors do not dare to test all patients a significant subgroup testing would help themselves to understand more in detail, how a diagnosis fits to the test and how the test fits to the (obviously often questionsable) diagnosis

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

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' below.