Reviewer's report

**Title:** Clinical Predictors for Legionella in Patients Presenting with Community-acquired Pneumonia to the Emergency Department.

**Version:** 1 **Date:** 9 December 2008

**Reviewer:** Mats Kalin

**Reviewer's report:**

Minor Essential Revisions.

Two retrospective CAP materials were compared: (1) a 10 year material including all legionella cases diagnosed by use of urinary antigen test and an in-house PCR method applied to respiratory specimens and (2) a 27 months material of all CAP patients seen in the ER, most of whom had unknown etiology (If I understand correct only five of these last patients had Legionella infection, a surprisingly low number). The beginning of the results section gives the impression that the 450 patients comprise one material, which I think it should not. It is also questionable whether PSI and CURB-65 should be applied to a material consisting of 2 different materials, implying a "concentration" of legionella cases.

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

**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