Reviewer’s report

Title: Hepatitis C prevalence in Denmark - a capture-recapture estimate based on multiple national registers

Version: 1 Date: 30 January 2012

Reviewer: ANGELOS HATZAKIS

Reviewer's report:

This is an interesting application of capture-recapture method to estimate the number of HCV infected, within a country. An important assumption is that drug users is the only source of HCV infection in Denmark. This is maybe true after 1991 but before this date a substantial but unknown number of HCV infected come from health care associated infections who survive up to 2007. The authors should discuss this limitation. The analysis may violate some of the assumptions of capture-recapture method, but the authors provide independent data that support their conclusions. Finally, authors should explicitly discuss that seroprevalence surveys in the general population and risk groups is the gold standard method for assessing the number of HCV infected within one country.

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.