Reviewer's report

Title: Geriatric urolithiasis in the emergency room: Risk factors and emergency treatment patterns

Version: 1 Date: 21 March 2012

Reviewer: Noor Buchholz

Reviewer's report:

The manuscript provides an excellent insight into the differences in presentation and treatment of acute urolithiasis in the emergency department in the elderly sub-population. It highlights the point that the management of acute geriatric urolithiasis should not just be regarded as an extension of the condition as seen in the younger population. By exploring and highlighting the differences between the younger and geriatric sub-populations in terms of clinical presentation, investigations, hospitalisation and associated complications, as the authors have presented in their manuscript would enable improved management of the elderly population presenting to the emergency department with acute urolithiasis. In summary I feel this work is of a high standard and deserves reporting and publication following some very minor corrections such as:

In Table 1 the Men: Women ratio should add up to 100, i.e. 77% + 23%

The overall methodology of the work reported is sound, the quality of written English good and the data is presented in a well structured manner. I do not feel adequately qualified to assess the detailed statistics presented in the manuscript and this may need to be formally verified by a Statistician.

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

Declaration of competing interests:

Finally I declare I have no competing interests.