Reviewer's report

Title: Sodium hyaluronate and chondroitin sulfate replenishment therapy can improve nocturia in men with post-radiation cystitis: results of a prospective pilot study

Version: 2 Date: 3 October 2014

Reviewer: Ahmed M El-Zawahry

Reviewer's report:

1- Authors elaborated on prostate cancer and treatment in the introduction. The main topic of the study is radiation cystitis symptoms and nocturia which should be the main topic in the introduction. I was expecting to read about radiation cystitis symptoms including nocturia and how bothersome to the patients.

2- In line 67, the statement about using HA and CS to treat bladder pain..., a reference is needed to support their statement.

3- Again it is not clear to me why the authors described the radiation treatment for prostate cancer?

4- Radiation cystitis has many bothersome symptoms, The authors used tools to measure all the symptoms, why did not they report on other symptoms including frequency, urgency, pain etc...

5- Although the authors showed statistically significant difference in ICSI-Q3 and ICPI-Q2 however it does not appear that it is translated to clinically relevant since only 56 of patients showed improvement (very close to placebo effect)

6- This is a very limited number of patients with no enough compelling data to draw a conclusion.

7- In the conclusion. I do not agree that having a success of 56 % would be considered effective treatment. I believe that the data prove that the treatment is safe but not effective.

Level of interest: An article of limited interest

Quality of written English: Acceptable

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