Reviewer’s report

Title: Outcomes of Orbital Malignancies Treated with Eye-Sparing Surgery and Adjuvant Particle Radiotherapy: a retrospective study

Version: 0 Date: 07 Mar 2019

Reviewer: Glenn Bauman

Reviewer's report:

This is a retrospective case series of patients with primarily adnexal tumors treated with eye sparing surgery and adjuvant particle beam (primarily carbon beam) radiotherapy. Excellent local control and a low rate of severe delayed side effects are noted among this population of 22 patients followed for about 2 years on average. This case series is well described, potential predictive factors are examined in univariate and multivariate analysis and relevant case series in the literature are compared to the authors experience. The manuscript is well written and organized. A suggestion would be to consider including a figure of a carbon ion distribution (perhaps with a comparison dose distribution with an IMRT plan or Proton plan) for a typical case as most readers will not be familiar with the physical distributions of CIRT.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

Not relevant to this manuscript

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