Reviewer's report

Title: Oligodendroglioma of the ciliary body: Case report and a review of literature

Version: 1 Date: 8 January 2010

Reviewer: Gabriel Zada

Reviewer's report:

This is an interesting case report that should be considered for publication following a minor revision. The main issue I have is that a thorough review of the literature is not presented by the authors in order to provide a historical context for this case. Specific comments are listed below

Major compulsory revisions:

Abstract
1. Why do the authors limit the relevant literature review to only China?

Background
1. “there are only a few reported cases in China…” Same comment- why do the authors not report on the history of this tumor in the entire literature?

Case Presentation
1. Did the authors perform chromosomal/molecular analysis of 1p/19q deletions on the tumor? This is an important histopathological factor for oligodendroglioma.


Discussion
1. “especially in the parietal lobes (69% in the frontal lobes and up to 20% in the temporal lobes)” The word parietal is incorrect here. Oligos are most commonly encountered in the frontal and temporal lobes.

2. “This knowledge may ultimately lead to novel approaches to treatment of numerous degenerative diseases such as retinitis pigmentosa, the advanced stages of glaucoma, age-related macular degeneration, and optic nerve atrophy.” Please elaborate. Why is this true or proposed by the authors?

3. Please provide a better literature review of oligodendroglioma and other gliomas located within the eye, and ciliary body in particular, in the discussion. Some examples are:

Retinal oligodendroglioma.
Marek J, Jakubaszko-Turkiewicz J, Oficjalska-Mlynczak J, Markowska-Woyciechowska A.
Oligodendrogliaoma of the retina.
Boniuk M, Bishop DW.
Astrocytoma of the ciliary body.
Astrocytoma of the ciliary body.
Farber MG, Smith ME, Gans LA.
Astrocytoma of the ciliary body. A clinicopathological case report.
Naeser P, Möller P.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

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