Reviewer's report

Title: Impact of adjuvant chemotherapy for gliomatosis cerebri

Version: 1 Date: 1 March 2010

Reviewer: Riccardo Soffietti

Reviewer's report:

1) The selection of cases should be based on the definition of GC of WHO classification 2007 (Louis et al, 2007) instead of 2002.

2) 18/37 cases had a "dominant mass formation" (see table 1), thus they cannot be considered as primary gliomatosis (see Inclusion Criteria of the paper of Sanson et al, 2004), but a focal glioma with secondary diffusion. In fact the case reported in fig.1 clearly demonstrates this assumption: a focal glioma that developed in a 3-month interval a multicentric glioblastoma.

3) The histological typing is incomplete: how many astrocytomas vs oligodendrogliomas vs oligoastrocytomas?

4) Gliomatosis cannot include grade I histology (see patient Characteristics).

5) There are minor style errors.

6) The statistical analysis, tables and references are adequate.

Level of interest: An article of insufficient interest to warrant publication in a scientific/medical journal

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