Reviewer’s report

Title: Impact of adjuvant chemotherapy for gliomatosis cerebri

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Reviewer: Sophie Taillibert

Reviewer’s report:

This manuscript provides new data regarding the management of gliomatosis cerebri (GC): a rare and not fully understood disease, which is characterized by a particularly grim prognosis among primary brain tumors and the absence of effective therapies.

Its interest is to explore the role of chemotherapy in GC, when radiotherapy has already been performed. As a matter of fact, chemotherapy appears as a reasonable option in this indication since radiation therapy and surgery are not good alternatives in GC after a first irradiation.

Few data are available in the literature on that subject and because GC is rare, we cannot reasonably ask for prospective clinical trials. Therefore, we have to take into consideration results from retrospective analyses.

The questions posed by the authors are well defined, the methods are appropriate and well described, the manuscript adhere to the relevant standards for reporting and data deposition,

the discussion and conclusions are well balanced and adequately supported by the data, the title and the abstract illustrate faithfully the data reported in the manuscript. Authors don't hesitate to discuss potential biases and limitations of this retrospective study.

Authors should proceed to the following minor essential revisions:

1. in TABLE 1, the median age in the first column is 444 and should be modified, and "median" appears as "medan"
2. in TABLE 1, regarding mass formation: 18 “dominant mass” and 19 “diffuse infiltration” are reported, but in the manuscript 17 “dominant mass” and 20 “diffuse infiltration” are reported
3. in TABLE 1, regarding the hemisphere involvement in the chemotreatment group that includes n= 19 patients, 11 “unilateral” and 9 “bilateral lesions” are reported. The sum of these numbers is 20 instead of 19.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable
Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:
I declare that I have no competing interests