Reviewer's report

Title: Ovarian metastases resection from extragenital primary sites outcome and prognostic factor analysis of 147 patients

Version: 1 Date: 14 April 2012

Reviewer: Marco Scarpa

Reviewer's report:

This is an interesting report about a quite large case series of ovarian metastasis form gastrointestinal and breast cancers. The authors concluded that the prognosis of ovarian metastasis is dismal and the benefit of ovarian metastatectomy is limited.

Major point

1. The analysis of the data is substantially correct and the conclusions are sound but a little bit predictable. What would be really interesting in such a large series is a deeper analysis in the main three groups of patients with colorectal cancer, gastric cancer and breast cancer. Since their obvious different prognosis, I would consider the three groups separately and I would look for prognostic factors within each group in order to obtain, if possible, an algorithm for the management of the different types of patients.

2. Details of surgical procedures should be added in methods and in the results section (how many single ovariectomy, segmental resection, bilateral ovariectomy, hysterectomy...)

3. Details of adjuvant therapy should be added in the methods and should be considered in the univariate analysis.

Minor points

1. p<0.05 is not a difference but it is the error that you consider acceptable. Please correct the statement in the methods.

2. Second paragraph charactersitic of ovarian metastasis: please correct "synchronous in 55 ones"

3. Page 6, prognosis of ovarian metastasectomy: I think it make little sense to give overall survival after metastasectomy

4. First line discussion: 12 patients?

5. Fig 1 b it is not clear why patients with local invasion survive better than those with metastasis confined in the ovaries

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

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.