Reviewer’s report

Title: Ovarian carcinoma associated with pregnancy: a clinicopathologic analysis of 23 cases and review of the literature

Version: 1 Date: 27 July 2007

Reviewer: Christer Borgfeldt

Reviewer’s report:

The retrospective study is interesting but the manuscript needs improvement.

In M&M
Was all patients with ovarian cancer in early pregnancy referred to this center or could some patients have been treated at the local hospital with termination of the pregnancy and standard ovarian cancer treatment? If no potential patient for this study was missed, how was this checked?

Results:
Table 1 Should be sorted, for example according to histopathology, stage to give a better overview.
Multivariate regression analysis on this small material is very doubtful and should be removed. Which parameters were included?
The Kaplan Meier curves in figure 1 & 2 does not give any further information than table 1 and text in results why they should be removed. Figure 1 & 2 should also be removed due to the small number of patients.

The discussion is too long.
Did this study and the study by Mooney have the same definitions for LMP diagnosis? Please comment since the definition of LMP/borderline tumors in the ovaries has been changed.

It is stated in the discussion that “Surgery with adequate stating remains the cornerstone of management in ovarian cancer concurrent with pregnancy.” How come the patients did not have adequate staging procedures with lymph node dissection and peritoneal biopsies according to the FIGO-criteria’s? It is not possible to be sure that the patients in stage I in this study were true stage I patients.

The English language should be improved.

What next?: Unable to decide on acceptance or rejection until the authors have responded to the major compulsory revisions

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:** Yes, and I have assessed the statistics in my report.