Reviewer's report

Title: Testing the association between psychosocial job strain and adverse birth outcomes. Design and methods.

Version: 1 Date: 22 January 2011

Reviewer: Jaroslaw Kalinka

Reviewer's report:

Discretionary Revisions:

1. Gestational age is calculated from the date of the last menstrual period but in many cases it is not a precise measure - is it possible to verify gestational age by first trimester ultrasound what is a routine practice in calculating the gestational age? Proper calculation of gestational age will have a huge impact on the results if preterm birth and SGA are the main perinatal outcomes of this study.

2. In my opinion it is better to divide preterm birth into: 22-27; 28-32 and 33-36 wks(late preterm) for future analysis.

3. Do authors intend to incorporate the informations about maternal passive smoking to the analysis (as a covariate). There is a relationship between newborns birthweight and ETS.

4. The question about maternal diabetes/epilepsy: do the authors think about pregestational or gestational diabetes?

5. What about hypertension: should it not be treated as an important mediating factor between work condition and birth outcome namely SGA

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

I declare that I have no competing interests' below