Reviewer’s report

Title: High pulse pressure and metabolic syndrome is associated with proteinuria among young adult women

Version: 1 Date: 22 December 2012

Reviewer: Kosaku Nitta

Reviewer’s report:

Kim JK et al. have reported the association between metabolic syndrome and proteinuria in young women aged 20-39 years. The manuscript includes interesting findings and is the first presentation concerning the role of pulse pressure on proteinuria in young women. There are few concerns in this form as follows.

#1 Please make sure the condition of fasting state for blood sampling.

#2 I could not find the criteria for metabolic syndrome for Asian in JAMA 2001; 285(19): 2486-97. Waist circumference was shown as more than 88 cm in women in the paper. The authors should show the precise citation.

#3 In Table 1, systolic BP in women with proteinuria was significantly higher than those in women without proteinuria. Therefore, systolic BP should be included in univariate and multivariate analysis (Table 2).

#4 In young women, some may have history having painkiller for menstruation. Please confirm the medical history.

#5 If pulse pressure affect the prevalence of proteinuria in young women, hormonal background should be discussed.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

None.