Reviewer's report

**Title:** Differential associations of central and brachial blood pressure with carotid atherosclerosis and microvascular complications in patients with Type 2 diabetes

**Version:** 2  **Date:** 27 December 2013

**Reviewer:** Won Young Lee

**Reviewer's report:**

Jung CH et al studied the differential associations of central and brachial blood pressure with carotid atherosclerosis and microvascular complications in patients with Type 2 diabetes. To authors’ knowledge, relative significance of central PP versus brachial PP in regarding to macrovascular complications in patients with diabetes has not been reported. It is interesting theme and results showed that central PP was more related with cIMT than brachial PP, but brachial PP was more related with microvascular Cx.

(Comments)

1. In table 6, were age and gender included in the regression model? Although these factors are not significantly related with DN or DR in correlation analysis, they need to be included in the regression analysis because of their nature of clinically basic factor.

2. In table 6, description about (1) and (2) should be changed with using dependent variable instead of using independent variable.

3. In table 3 and 4, adding information about microalbuminuria (absolute level or stage of DN) can be aid in clarifying the relationship.

4. In table 3 and 4, unit of factors need to be inserted.

5. English need to be more refined.

**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.

**Declaration of competing interests:**

I declare that I have no competing interests.