Reviewer's report

Title: Age-related bone turnover markers and osteoporotic risk in native Chinese women

Version: 2 Date: 21 October 2013

Reviewer: Parvis Farahmand

Reviewer's report:

The authors have responded adequately to the first two of the three major compulsory revisions.

It remains unclear which patients were excluded because of impaired kidney function and which patients were defined as having kidney disease.

The level of kidney function can be estimated with serum-creatinine as eGFR (estimated glomerular filtration rate) using the cockroft-gault formula or the MDRD formula (Modifikation of Diet in Renal Disease) or since 2012 the ckd-epi (Chronic Kidney Disease Epidemiology Collaboration) formula as the gold standard.

The other method is to measure the creatinine clearance in a 24-hour-urine collection and the serum creatinine to receive the creatinine clearance.

In all cases the creatinine clearance is documented in ml/min.

The given value of urine creatinine concentration of 21mmol/l in the second morning urine does not exclude patients with impaired kidney function as written in the manuscript.

Urinary creatinine excretion depends largely on gender, age, muscle mass and nutrition. The authors need to give a cut-off value for the creatinine clearance and have to state which formula has been used for calculation.

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

Quality of written English: Acceptable

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

Declaration of competing interests:

I declare that I have no competing interests.