



April 2, 2014

Wei Wang
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2500 North State Street
Jackson, MS 39216

Dear Dr. Wang,

The Publications and Presentations Subcommittee thank you for your manuscript proposal entitled "The Effects of Serum Creatinine Calibration on Estimated Glomerular Filtration Rate and CKD Determination in African Americans: the Jackson Heart Study". The sequential number P#0480 has been assigned to your proposal, so please refer to this number when making reference to this proposal. The Publications and Presentations Subcommittee voted to "accept with comments". Evaluator comments are attached for your review. You may now begin to develop the proposed manuscript.

You must submit a JHS Data and Materials Distribution Agreement (DMDA) before any data is released. The DMDA is available online at www.jacksonheartstudy.org/DMDA. After your DMDA is fully executed, you may submit a data request (i.e., Statistical Computing Request) online at www.jacksonheartstudy.org/DataAccess. We recommend that you collaborate with a JHS investigator in the preparation of these documents.

Upon receipt of requested data, you have a period of 24 months to complete the manuscript based on this proposal. If not completed within 2 years, the manuscript hypotheses/questions will become eligible for reassignment to other investigators. High priority manuscripts are subject to reassignment when the JHS Director determines that undue delay in the preparation of the manuscript has occurred.

Please acknowledge JHS funding sources in your completed manuscript as follows: The Jackson Heart Study is supported by contracts HHSN268201300046C, HHSN268201300047C, HHSN268201300048C, HHSN268201300049C, HHSN268201300050C from the National Heart, Lung, and Blood Institute and the National Institute on Minority Health and Health Disparities, with additional support from the National Institute on Biomedical Imaging and Bioengineering.

We look forward to the final product.

Sincerely,

Adolfo Correa, MD, MPH, PhD
Chair, Publications and Presentations Subcommittee

Comments:

1. There appears to be two separate objectives of this proposal. The primary objective is to develop a calibration equation for the serum creatine (SCr) measured during the first visit of the Jackson Heart Study to achieve IDMS traceable SCr values. The secondary objective is to additionally compare the results of the SCr and IDMS SCr by the MDRD and the CKD-epi equations for eGFR.
2. The analysis plan to develop the calibration equations seems well thought out and developed. One question, how will this be used for the SCr measured future visits? From what I can tell, SCr was not measured in visit 2 but was measured in visit 3. Was the SCr measured IDMS traceable? If not, what are the plans for development of a calibration equation? If the SCr in visit 3 is IDMS traceable then I would add this as a strength and reason to do this analysis- i.e. to allow for longitudinal comparisons of SCr levels in the cohort.
3. I am unclear what the the secondary objective of comparing the results based on the MDRD equations and CKD-epi equations provides for this analysis. There have been multiple studies published comparing the equations and the slight differences between the 2 have been well documented. Do the authors think that the calibration equation will impact these equations differently? Is the goal to show how the equations differ in the Jackson Heart Study population compared to other populations? I recommend the investigators consider what the objective is for this analysis.