Author's response to reviews

**Title:** Criteria for assessing High-priority Drug-Drug Interactions for Clinical Decision Support in Electronic Health Records

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**Version:** 2  **Date:** 6 September 2012

**Author's response to reviews:** see over
Dear Editor,

Thank you for this opportunity to revise and resubmit our manuscript (MS: 1526840366789214) titled, “Criteria for assessing High-priority Drug-Drug Interactions for Clinical Decision Support in Electronic Health Records” to the Journal of BMC Medical Informatics and Decision Making.

This work forms an important first step in identifying characteristics that should be considered by developers of medication knowledge bases and electronic health records (EHRs) for assessing the clinical importance of DDIs. Alert fatigue can reduce the utility of clinical decision support (CDS) and undermine the potential benefits of implementing EHRs. Two our recent publications (one published and another accepted by the Journal of the American medical Informatics Association) address this issue and the importance of utilizing strict criteria for warranting interruption of provider’ workflow with alerts. This manuscript describes the criteria that could serve as a framework for evaluation of DDIs for providing CDS in EHRs.

We have incorporated the requested change into the manuscript and detailed the same below. A tracked changes version of the manuscript, labeled “Revised Copy” is also attached.

Thank you once again for your consideration and we look forward to hearing from you.

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Research involving human subjects (including human material or human data) that is reported in the manuscript must have been performed with the approval of an appropriate ethics committee. Research carried out on humans must be in compliance with the Helsinki Declaration. A statement to this effect must appear in the Methods section of the manuscript, including the name of the body which gave approval, with a reference number where appropriate. We included a sentence in the Methods section Page 4, Line 21 indicating that, ‘No human subjects or data from human subjects was used in this study.’