Reviewer's report

Title: Development and Validation of the Diabetes Numeracy Test (DNT)

Version: 1 Date: 2 September 2007

Reviewer: Hayden Bosworth

Reviewer's report:

General
This was a well-written paper looking at an interesting topic.

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Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)

Further justification for the need of disease specific measure is required. We currently do not use disease-specific measures of literacy and there are concerns of using a disease-specific measure of numeracy will limit its utilization. Second, prior to further using the proposed measure, details regarding the predictive validity of the measure need to be examined particularly in terms of comparing the predictive validity of the DNT and WRAT.

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Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

The feasibility of using a 33 minute measure is questionable. Further details on the time required to complete the DNT15 would increase the likelihood of the measure being disseminated.

The content validity of the measure did not include patients. That is, what are important aspects of numeracy patients perceive are necessary to maintain their diabetes regimen.

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Discretionary Revisions (which the author can choose to ignore)

What next?: Unable to decide on acceptance or rejection until the authors have responded to the major compulsory revisions

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'