Reviewer's report

Title: Quality of life associated with treatment adherence in patients' with type 2 diabetes: a cross-sectional study

Version: 1 Date: 9 July 2007

Reviewer: Cynthia Raehl

Reviewer's report:

General
This article addresses an important concern for chronic disease management: associations between QOL and medication adherence.
The authors used 3 surrogate medication adherence measures: pill count, attitudinal scale, and structured questionnaire.
Subjects: Mexicans, type 2 DM, 40 yrs or older, not on insulin.
IRB approved. Samples size appropriate.
Primary measure: HRQOL, Spanish version
Authors' methods are excellent especially evaluating influence of co morbitities and single vs. poly therapy.
The primary conclusion that QOL and attitude toward medication adherence are associated provides evidence for follow-up behavioral intervention studies.
Nice work!

-----------------------------------------------------------------------------------

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

If possible, suggest the authors consider socioeconomic status as a confounding variable.
How representative of general practice were the 4 family medicine clinics?
Has this specific medical prescription knowledge test been previously tested and validated?

-----------------------------------------------------------------------------------

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

Trained interviewers and home visits are a plus.
Discretionary Revisions (which the author can choose to ignore)

**What next?:** Accept after discretionary revisions

**Level of interest:** An article of importance in its field

**Quality of written English:** Acceptable

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