Dr. Harrold, *et al* reply

To the Editor:

We thank Drs. Ravindran and Jadhav for their interest¹ in our article describing cost-related medication nonadherence in older patients with rheumatoid arthritis cared for in the United States². We agree with their comments that adherence to medications is a complex behavior that is influenced by patient factors^{3,4}. Those authors wondered whether patient education may have influenced the adherence rates we observed in our study rather than costs, similar to what they found in their prospective cohort study in which patients receiving education had higher adherence than the control group (98% vs 83%). This is certainly possible, although we have no data in our study for examining the role of patient education on medication adherence. Of note, the study populations were quite different between the 2 studies. Ours focused on a national sample of US older patients with a variety of drug payment coverage arrangements, and the majority of the patients were not working. In contrast, the sample in the study by Drs. Ravindran and Jadhav was younger, with most being homemakers or workers with self-funded healthcare, and living in India³.

LESLIE R. HARROLD, MD, MPH; JERRY H. GURWITZ, MD; BECKY A. BRIESACHER, PhD, Meyers Primary Care Institute, and the University of Massachusetts Medical School, Worcester, Massachusetts, USA. Address correspondence to Dr. L.R. Harrold, Department of Orthopedics, University of Massachusetts Medical School, 55 Lake Avenue North, Worcester, MA 01655, USA. E-mail: Leslie.Harrold@umassmed.edu

REFERENCES

1. Ravindran V, Jadhav R. The effect of rheumatoid arthritis disease education on adherence to medications and followup in Kerala, India [letter]. *J Rheumatol* 2013;40:1460-2.
2. Harrold LR, Briesacher BA, Peterson D, Beard A, Madden J, Zhang F, et al. Cost-related medication nonadherence in older patients with rheumatoid arthritis. *J Rheumatol* 2013;40:137-43.
3. Harrold LR, Andrade SE. Medication adherence of patients with selected rheumatic conditions: A systematic review of the literature. *Semin Arthritis Rheum* 2009;38:396-402.
4. Osterberg L, Blaschke T. Adherence with medication. *N Engl J Med* 2005;353:487-97.

J Rheumatol 2013;40:8; doi:10.3899/jrheum.130473