

## Supplementary Online Content

Beerepoot MAJ, ter Riet G, Nys S, et al. Lactobacilli vs antibiotics to prevent urinary tract infections: a randomized, double-blind, noninferiority trial in postmenopausal women. *Arch Intern Med.* 2012;172(9):704-712.

**eAppendix 1.** Results of the analysis of mean number of CRs in women without a urinary catheter, antibiotic consumption, other infections, masking efficacy and compliance with study medication.

This supplementary material has been provided by the authors to give readers additional information about their work.

## **eAppendix**

### *Analysis restricted to women without a urinary catheter*

The mean number of CRs after 12 months of prophylaxis in 235 women without a urinary catheter (both with complicated and uncomplicated UTIs) was 2.3 (95% CI, 1.9-2.9) in the TMP-SMX and 3.3 (95% CI, 2.7-4.0) in the lactobacilli group, corresponding with a difference of 1.0 (95% CI, 0.1-2.1).

### *Antibiotic use and other infections*

The median number of antibiotic prescriptions for a UTI during the study period was 1 (interquartile range [IQR], 0-4) in the TMP/SMX group and 1 (IQR, 0-3) in the lactobacilli group. In both groups, nitrofurantoin was the most commonly prescribed antibiotic (33.0% and 37.1%, respectively), followed by norfloxacin (16.7% and 12.7%). The median number of antibiotic prescriptions for other bacterial infections, usually respiratory tract infections, was 0 in both groups (IQR, 0-0 for both groups).

### *Masking efficacy and adherence to study medication*

At the end of the study, 28 of 101 (27.8%) and 30 of 112 (26.8%) participants in the TMP/SMX and lactobacilli groups, respectively, correctly guessed which active treatment they had used.

Antibacterial activity was present in 1028 of 1112 urine samples (92.4%) obtained from women during TMP/SMX prophylaxis.

At baseline, *L reuteri* was identified in 7 of 90 fecal samples (7.8%) in the TMP/SMX group and 17 of 89 fecal samples (19.1%) in the lactobacilli group. At 12 months, these figures were 8.6% (7/81) and 93.4% (71/76), respectively.