

Gagliotti C, Nobile L, Milandri M, Moro ML; Emilia-Romagna Antibiotic Resistance Study Group

Macrolide prescriptions and erythromycin resistance of *Streptococcus pyogenes*

Clin Infect Dis. 2006 Apr 15; 42 (8): 1153-6. Epub 2006 Mar 6.

This study shows a significant association between the number of macrolide prescriptions reimbursed by the Italian National Health Service and resistance of *Streptococcus pyogenes* to erythromycin in children from a region in northern Italy with high prevalence of erythromycin resistance. Recent prescription of a macrolide (especially azithromycin) is a predictor of erythromycin resistance, as well as a possible risk factor for resistance at a community level.

Publication Types: Multicenter Study