

Gut. 2007 Jun 13; [Epub ahead of print]

## **The sequential therapy regimen for *Helicobacter pylori* eradication.**

**Zullo A, De Francesco V, Hassan C, Morini S, Vaira D.**

Gastroenterology and Digestive Endoscopy, 'Nuovo Regina Margherita Hospital', Rome, Italy.

Standard triple therapies are the most used treatment in the clinical practice. However, a critical fall in the *H pylori* eradication rate following these therapies has been observed in the last few years. **THIS IS MOST LIKELY THE RESULTS OF INCREASED CLARITHROMYCIN RESISTANCE.** The sequential regimen is a novel therapeutic approach based on a different combination of the available antibiotics, and more than 1800 patients have been treated with such a therapy. It is the only therapeutic regimen, which has been proven to be superior to 7f{ 10 days triple therapies in large, multicenter, randomised trials. Moreover, the sequential regimen has achieved an eradication rate constantly higher than 90% at ITT analysis. Primary clarithromycin resistance seems to be the only factor reducing the efficacy of this therapy regimen. However, even in these patients, an acceptable eradication rate can be achieved following the sequential therapy, a success rate significantly higher compared to the one observed with the standard 7f{ 10 days triple therapies.

PMID: 17566020 [PubMed - as supplied by publisher]