PPI 치료에 대한 불응성 상태의 대처 방안

이 혁

성균관대학교 의과대학 삼성서울병원 소화기내과



제 16회 소화기병 심포지움

PPI 치료에 대한 불응성 상태의 대처 방안

삼성서울병원 소화기내과

이혁

Putative mechanisms for PPI failure

Patients

Proton pump inhibitor

Higher likelihood

Visceral hypersensitivity Weakly acidic reflux Duodeno-gastro-esophageal bile reflux Delayed gastric emptying Psychological co-morbidity Concomitant functional bowel

Lower likelihood

Helicobacter pylori infection

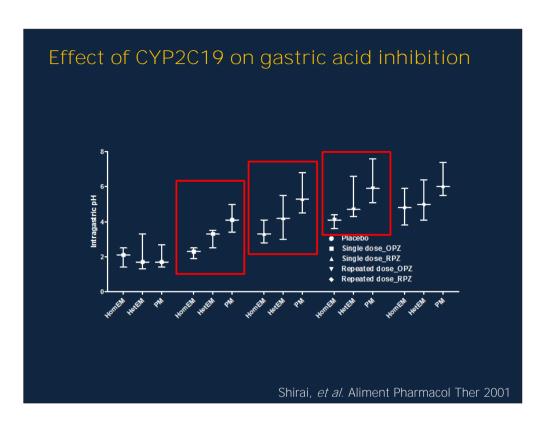
Unknown

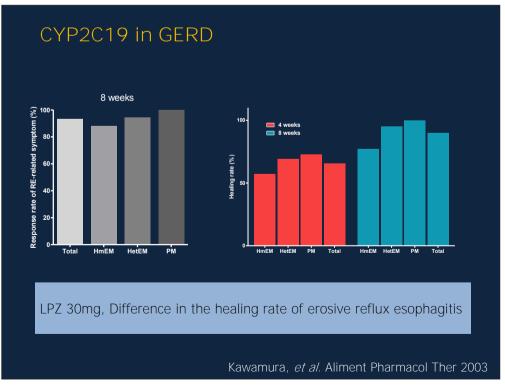
disorder

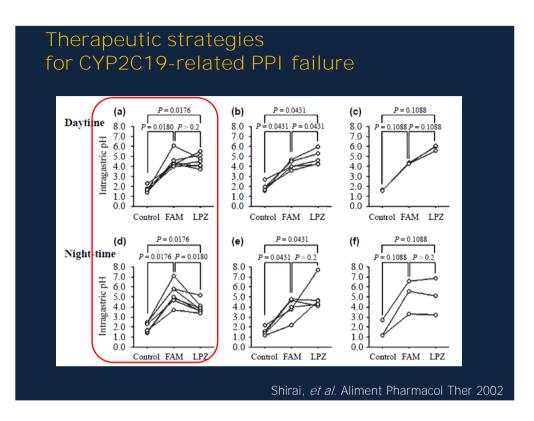
Eosinophilic esophagitis

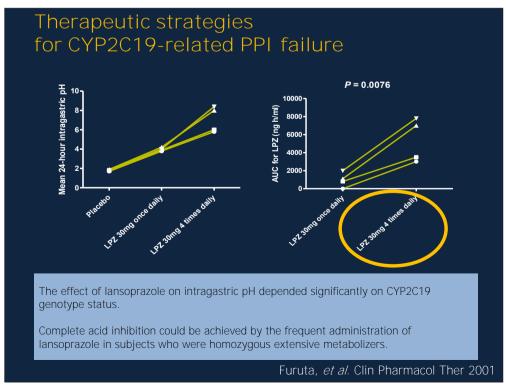
Distribution of CYP2C19 Genotype in Korea

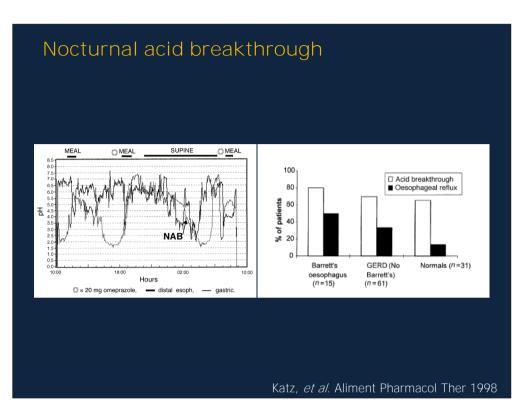
RM	IM	PM
171	219	73
36.9%	47.3%	15.8%
wt/wt 171	wt/m1 167 wt/m2 52	m1/m1 40 m2/m2 30 m1/m2 3

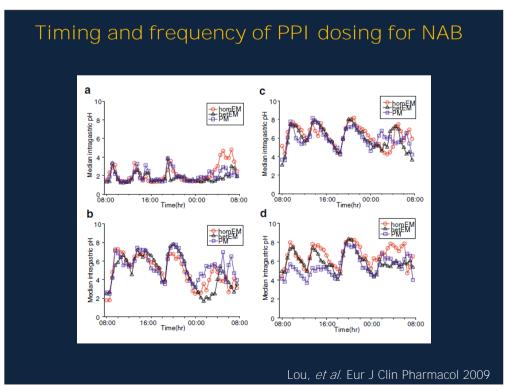


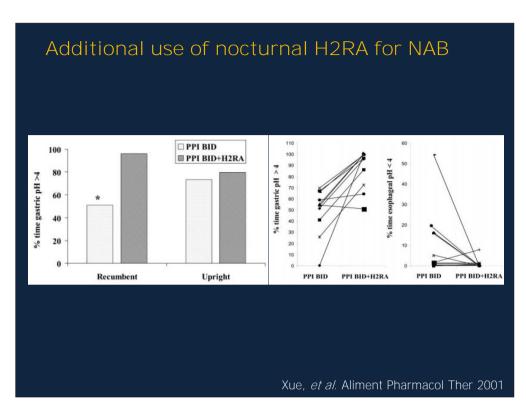


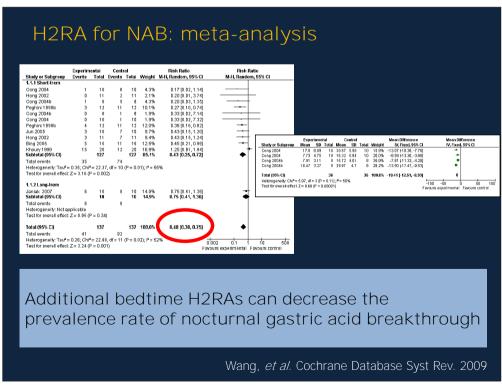


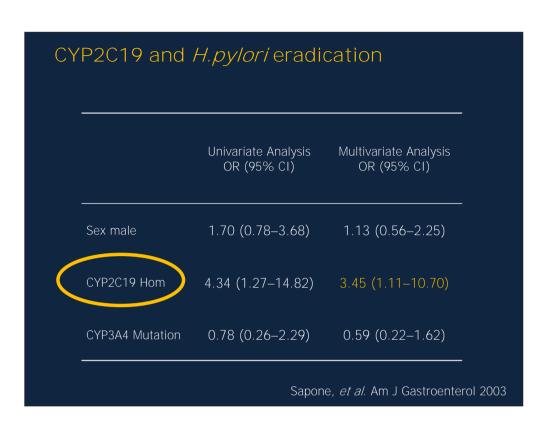


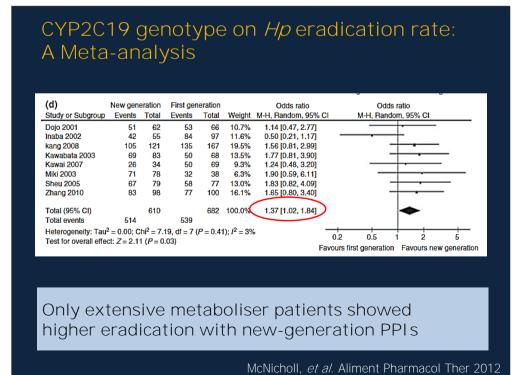












RAHS after H2RA

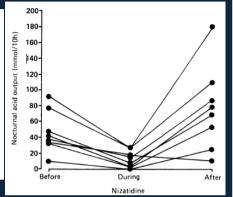
First report about H2RA

Rebound nocturnal hypersecretion after four weeks treatment with an H2 receptor antagonist

 \mathbf{G} M FULLARTON, \mathbf{G} McLauchlan, a MacDonald, \mathbf{G} P CREAN, and \mathbf{K} E L McColl

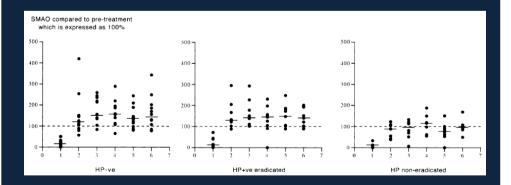
From the University Departments of Medicine and Surgery, Western Infirmary, Glasgow and Gastrointe Centre, Southern General Hospital, Glasgow

SUMMARY Daytime intragastric pH, fasting and meal stimulated serum gastrin and nocturnial acid output were studied in eight male duodenal ulcer patients before, during and two days after completing nizatidine 300 mg nocte (200 b) for four weeks. Median nocturnal acid output (mmol/ 10) hi decreased during treatment to 11-6 trage 0-42-677 compared with pretreatment value of 39-4 (9-8-9)-12; median acid inhibition 77% [9-0-01) which was strongest between 2400 and 0400 h. Two days after discontinuing treatment, nocturnal acid output increased to 74-1 (11-183). Compared with the pretreatment value this represents median rebound hypersecretion of 77% [9-8-05], caused by increased #f concentration and volume of secretion. Overall median days intractive pt (100-08-2, 100 h) was unchanged on the final day off treatment and two days after between 09-30 and 1000 h and the integrated gastrin response to an OXO breakfast taken at 1000 h were also similar during and after treatment, compared with pretreatment values. The rebound nocturnal hypersecretion may be relevant to the high ulcer relapse rates after stopping H₂ receptor antagonists.



Fullarton, et al. Gut 1989

RAHS after PPI and H.pylori status



Prolonged nature of the rebound phenomenon in the *H. pylori*–negative subjects. Accentuated *H. pylori* related oxyntic gastritis induced by omeprazole.

Gillen, et al. Gastroenterology 2004

