H Pylori and the odd patient

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Patient 1: Mrs EZ

- 74 year old female
- Dyspepsia post laparoscopic liver resection for cerular adenocarcinoma
- Gastroscopy: Active gastritis – H Pylori positive
- Problem: Penicillin allergy

Patient 2: Mr AS

- 48 year old male with epigastric pain
- Heavy drinker
- Gastroscopy revealed antral gastritis - H Pylori positive
- Standard eradication given
- Represented with upper GIT bleed 4 weeks later
- Gastroscopy revealed heamorrhagic gastritis – H Pylori positive
- Problem: Failed eradication

Patient 3: Mrs IM

- 52 year old female
- Presented with constant epigastric pain
- Gastroscopy revealed severe antral gastritis with superficial ulceration – H Pylori positive
- Problem: Patient has Porphyria

Evidence based treatment of H Pylori

- Gold Standard: >94% Eradication Rate (Dependant on local sensitivity patterns) 7 – 10 days
  - Clarithromycin 500 mg twice daily
  - Amoxicillin 1 g twice daily
  - Lansoprazole 30 mg twice daily

- Other drugs used in 2, 3,and 4 drug regimes of varying duration:
  - Tetracycline
  - Metronidazole
  - Bismuth
  - Sucralfate
  - Other PPIs
  - H2 Blockers
  - Rifabutin
  - Levofloxacin
  - Moxifloxacin

Maastricht Consensus Report 2000

Penicillin Allergy

- As per standard regime but replace Amoxil with:
  - Metronidazole 75 – 90%
  - Tetracycline 75 – 85%
- 4 drug Bismuth regimes can be used
- Moxi or Levofloxacin 2nd line regimes can be used.

MACH 2 Study
HOMER Study

Failed primary therapy

- Three or four drug bismuth regime 75 – 85%
  - Complex dosing
  - Bismuth not readily available
- PPI + Amoxil + Metronidazole 75 – 80%
  - Increasing metronidazole resistance
- Moxi or levofloxacin + PPI + Amoxil 75 – 90%

- Marked difference in results if susceptibility testing is used to guide therapy

Porphyria

- No formal guidelines
- The following should be avoided:
  - Clarythromycin
  - PPIs (Certain may be used with caution)
  - Tetracycline
  - Metronidazole
- The following drugs can be used:
  - H2 blockers
  - Amoxil
  - Bismuth
  - Levofloxacin