

2014/15 Batch

Pharmacology Tutorial

Alimentation Module

16.08.2019 – 1.30 p.m. – 3.30 p.m.

Scenario 1

A 60 year old lady on treatment for osteoarthritis is admitted with nausea, vomiting and epigastric pain worse 2-3 hours after meals for one week. She also complained of malaena for last two days. An upper gastrointestinal endoscopy revealed two gastric ulcers. The gastric biopsy taken during endoscopy was positive for *Helicobacter pylori* testing.

Discuss the pharmacological management of this patient's peptic ulcer disease.

Scenario 2

Discuss the pharmacological basis of drug treatment of nausea and vomiting associated with the following clinical situations.

- Cancer chemotherapy
- Motion sickness
- Acute gastroenteritis
- Hyperemesis gravidarum

Scenario 3

Discuss the basis of selecting the most appropriate formulation of 5-ASA (5 aminosalicylic acid) containing drug for the treatment of a patient with Crohn's disease affecting the following sites.

1. Small intestine
2. Colon
3. Sigmoid colon
4. Rectum