

# **Indian Association of Surgical Gastroenterology**

## **Background**

The Indian Association of Surgical Gastroenterology (IASG) decided to formulate a 'set of recommendations for antibiotic usage' in intra-abdominal infections, encountered by its members. Three working groups with defined areas to address were set up and are mentioned below:

### **Group A:** Antibiotic use for established /suspected Intra-abdominal infections

Members: Dr Adarsh Chaudhary, Past President, IASG (Group Leader), Dr V. Sitaram, Dr Puneet Dhar, Dr Sudeep Shah, Dr Rajneesh Singh

### **Group B:** Antibiotic recommendations related to surgical prophylaxis

Members: Dr H. Ramesh, President Elect, IASG (Group Leader), Dr Ramesh Ardhanari, Dr Anil Agarwal, Dr Pradeep R., Dr Sudeep Naidu

### **Group C:** Other important issues in Intra-abdominal infections

Group members: Dr R. A. Sastry, Past President, IASG (Group Leader), Dr Sadiq Sikora, Dr Sanjay Nagral, Dr Sanjay Debakshi, Dr Sujoy Pal

An attempt was made to provide representations to both public and private sector institutions in all the groups.

These groups prepared detailed guidelines which were discussed among some members of the groups in mid-2012 and it was suggested that the detailed reports needed to be summarized. There was debate over the actual use of these guidelines and it was suggested that IASG should make an effort to collect data so that India-specific guidelines related to the antibiotic of choice in our clinical scenario may be prepared. Hence, one of the members was requested to prepare a questionnaire to gather appropriate data for this purpose. The questionnaire is available at the end of this document.

## Questionnaire on antibiotic protocol: IASG

Dear Colleague,

The IASG is in the process of updating its document on antibiotic use in GI surgery. For this, we would like to collect data on the current policy followed by various centres across the country. Your responses can be sent anonymized.

Please use generic names rather than trade names in the answers.

**A) What is the antibiotic prophylaxis (name and duration) used at your centre for the following elective operations:**

Radical oesophagectomy

Radical gastrectomy

Whipple's procedure (without stent *in situ*)

Whipple's procedure with stent *in situ*

Laparoscopic cholecystectomy

Bile duct exploration

Liver resection for tumours

Liver resection with PTC *in situ*

Small bowel resection

Right hemicolectomy

Anterior resection

Total proctocolectomy with ileal pouch-anal anastomosis

Orthotopic liver transplantation

**B) What antibiotic (name, dose, duration) do you use in the following situations**

Acute appendicitis

Acute cholecystitis

Infected necrotizing pancreatitis

Colonic perforation

**C) What antibiotic would you empirically start for wound infection and fever after an elective GI surgical procedure**

**D) Do you audit infective complications after surgery in your department? If yes, would you be willing to share this data (anonymity will be maintained).**