

(HR=0.41, 95%CI 0.18–0.95;  $P=0.039$ ) comparing with other therapy combination. In the rectum, combining chemotherapy, radiotherapy, and primary surgery in non-metastatic patients will increase the risk of death (HR=2.11, 95%CI 1.14–4.00;  $P=0.022$ ). Pooling all patients received metastatic sites resection and comparing with the reference group, metastatic sites resection in GI-NEC will bring survival benefits (HR=0.42, 95%CI 0.19–0.93;  $P=0.033$ ).

**Conclusions** GI-NECs have different treatment patterns. Primary sites resection should be the basic treatment choices for GI-NECs. Chemotherapy should be cautious, especially in non-metastatic patients and considered more biological characteristics of NECs (eg: Ki-67) before using it. Patients with distant metastasis can benefit from metastatic sites resection.

**IDDF2020-ABS-0079** **A SINGLE CENTRE RETROSPECTIVE STUDY OF INPATIENT MANAGEMENT IN ACUTE LOWER GASTROINTESTINAL BLEEDING**

Wilson Siu\*, Yusuke Onishi, Wamedh Taj-Aldeen, Balasubramaniam Vijayan. *Department of Digestive Disorders, Aberdeen Royal Infirmary, UK*

10.1136/gutjnl-2020-IDDF.65

**Background** Acute lower gastrointestinal bleeding (ALGIB) is a common presenting condition in hospital with an estimated incidence of 33–87/100000. Recent national audit in the United Kingdom has shown that the bleeding stops in the majority of the cases without any intervention. In this retrospective study, we aim to describe patient characteristics and to identify factors that predict clinical outcomes.

**Methods** Haemodynamically unstable patients with ALGIB are admitted to the medical high dependency unit (MHDU) at Aberdeen Royal Infirmary for monitoring. Patients with a primary diagnosis of ALGIB between 01/05/2015 to 15/09/2017 were identified from the MHDU database. Patients who presented with haematemesis or had upper gastrointestinal (UGI) bleeding found at esophagogastroduodenoscopy were excluded. Patient's demographic data, laboratory results, medications, endoscopy and radiology reports were collected. Clinically relevant outcomes of the study included 28-day mortality and red cell transfusion requirement. Multivariable logistic regression analysis was used to identify factors independently associated with outcomes.

**Results** 130 patients (Median Age 73; male predominance 68%) were included in the study after excluding readmissions ( $n=8$ ) and UGI bleedings ( $n=9$ ). 51% had major comorbidity, 37% taking antiplatelets and 25% taking anticoagulants. 60% received blood transfusion and 31% required intervention (endoscopic therapy ( $n=17$ ), mesenteric embolization( $n=18$ ) and surgery ( $n=5$ )). 72% had diagnostic endoscopy on admission with the majority being flexible sigmoidoscopy ( $n=74$ ). Median Length of hospital stay was 6 days, and 12% experienced rebleeding on the same admission. 10 patients died within 28 days of admission. Low Haemoglobin ( $p=0.027$ ), raised C-reactive protein (CRP) ( $p=0.047$ ) and no endoscopy performed on admission ( $p=0.014$ ) were associated with 28-day mortality. Low Haemoglobin ( $p < 0.0001$ ) was also significantly associated with red cell transfusion requirement.

**Conclusions** In our study, the majority of patients who were admitted with severe ALGIB were elderly with a high burden of co-morbidities and frequent antithrombotic use. Nevertheless, antithrombotic medication and co-morbidities were not

significantly associated with mortality or red cell transfusion requirement.

**IDDF2020-ABS-0082** **LIGHT WEIGHT PROLENE MESH WAS ASSOCIATED WITH LOWER INCIDENCE OF MESH REJECTION ON INGUINAL HERNIA UNDERGOING OPEN EMERGENCY HERNIA SURGERY**

<sup>1</sup>Budhi Ida Bagus\*, <sup>2</sup>Metria Ida Bagus, <sup>3</sup>Setyawati Ida Ayu, <sup>1</sup>Soewoto Widyanti, <sup>1</sup>Wibisono Wibisono, <sup>1</sup>Setyono Hanis, <sup>1</sup>Ismail Darmawan, <sup>1</sup>Yuli Yarsa Kristanto. *<sup>1</sup>Department of Surgery, Sebelas Maret University, Indonesia; <sup>2</sup>Medical Faculty, Sebelas Maret University, Indonesia; <sup>3</sup>Medical Faculty, Pendidikan Ganesha University, Indonesia*

10.1136/gutjnl-2020-IDDF.66

**Background** Incarcerated hernia was one of the most common procedures in gastrointestinal surgery. According to the latest Hernia Guidelines 2018, emergency hernia surgery has been suggested to used mesh in cases without contamination, whether we did by laparoscopic or open conventional procedures, but there was lack of data and recommendation, which kind of mesh should we used which could reduce the incidence of mesh rejection during emergency hernia surgery.

**Methods** Incarcerated hernia cases which have been done open conventional hernia repair procedure (Lichtenstein procedure) were included in this study during Januari-December 2019. The patients were divided into two groups; the first group would use light-weight prolene mesh and the other one using heavy-weight mesh. The outcome that would be evaluated was the incidence of mesh rejection during those procedures after 6 months follow up. The cases with the presence of contamination would be excluded from this study.

**Results** 45 patients were included in this study, 24 patients with light-weight prolene mesh following Lichtenstein procedure and 21 patients using the heavy-weight mesh. During the follow-up, there was no drop out of the patient, and during 5 months follow up, we found 1 case of mesh rejection, 2 months after those procedures using heavy-weight mesh and had been managed by the operative procedure for debridement of the mesh rejection. On the other hand, we found no mesh rejection on light-weight mesh group ( $p < 0.05$ ).

**Conclusions** Light-weight prolene mesh was associated with a lower incidence of mesh rejection during open emergency hernia surgery.

**IDDF2020-ABS-0083** **THE LENGTH OF STAY DIFFERENCE BETWEEN OPEN CONVENTIONAL VS LAPAROSCOPY CHOLECYSTECTOMY ON CALCULOUS CHOLECYSTITIS PATIENTS IN THE CURRENT GOVERNMENT INSURANCE ERA**

<sup>1</sup>Budhi Ida Bagus\*, <sup>2</sup>Metria Ida Bagus, <sup>3</sup>Setyawati Ida Ayu, <sup>4</sup>Mastini Ida Ayu Kade. *<sup>1</sup>Department of Surgery, Sebelas Maret University, Indonesia; <sup>2</sup>Medical Faculty, Sebelas Maret University, Indonesia; <sup>3</sup>Medical Faculty, Pendidikan Ganesha University, Indonesia; <sup>4</sup>Clinical Pharmacy Department, Moewardi General Hospital, Indonesia*

10.1136/gutjnl-2020-IDDF.67

**Background** For the last two decades, laparoscopy cholecystectomy has been announced as the gold standard procedure for symptomatic cholelithiasis, and calculous cholecystitis with the main benefits was less post-operative pain and shorter length