Evaluation Of Aetiology Of Upper Gastro Intestinal Bleeding & Management In The Department Gastroenterology, GGH/ Guntur Medical College, Guntur, A.P. India.

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Abstract: Upper GI Bleeding is defined as Bleeding from GIT starting from oral cavity upto Ligamentum of trietz; it may be either a hematemesis, malena or both. Upper GI bleed is a quiet common problem seen in day to day Gastroenterology OPD. & a detailed 5yrs study was made to assess the etiological factors for UGI bleeding in the period from 2009-2014, in the department of Gastroenterology, GGH/Guntur Medical college, Guntur, AP.

Keywords: Haematoemesis, malena, variceal bleeding, EVL, Gastroscopy.

I. Introduction

Upper GI bleed is a quiet common problem seen in day to day Gastroenterology OPD, the etiological factors were mentioned as follows.

Causes of Upper GI bleed
Esophageal - Variceal bleeding
Malloryweiss tear
Esophageal cancers
GERD
Monilial Esophagitis
Drug induced ulcers

Ca stomach
NSAIDS
Erosions, Ulcers
Fistulas
Vascular Ectasias
Gastropathies
Fundal varices

Duodenum Ulcers,
Erosions
Duodenopathy
Cancers
Anuerysms & Fistulas

II. Aim of the study

To Evaluate the cause of Upper GI bleed in Pts who attended the GE department from 2009-2014.

III. Materials and methods

Patients who presents with upper GI bleed to OPD either with on emergency, or with a history of haematemesis or malena, a detailed history was taken for these cases whether they had alcohol abuse, NSAID intake, fever history, drug history, chronic liver disease, sudden retching followed by bleed, any systemic vascular disease, chronic renal disease were excluded. And the general condition of the pts were ased and investigations were done to know the Hb status, blood grouping and typing, complete blood counts and viral markers etc., and these send for Ultrasound to rule out Chronic liver disease, and to rule out malignancies. And those pts who were pallor due to blood loss, resuscitation done with compatible blood transfusions, and Tranexamic acid
infusions, Inj. Telepressin and iv fluids, antibiotics were given. Once the general condition of the pt was stabilized and shifted them to Endoscopy room for Gastroscopy to know the cause for bleeding. And suppose if it is to be a variceal bleeding Ligation of varices done, and if it is to be a ulcer bleed endo therapy were done with adrenaline injections, and in case of malignancy bleeds biopsy were taken and send for HPE once the biopsy report came these cases were send for surgical department or radiotherapy departments for further management. And in case of Malloryweiss tear we noticed a spontaneous recovery without any intervention.

IV. Results

These are different causes for GI bleed recognised for analytical work

| Total no pts reported to GE Department in the year of 2009-2014 -10,000 |
|---------------------------------|-----------------|------------------|-----------------|------------------|
| UGI Bleeding cases              | 2,760           | Variceal causes  | 1200            |
| Variceal causes                 |                 | Pyleric Ulcer disease | 840             |
| Pyleric Ulcer disease           |                 | NSAIDS           | 70              |
| NSAIDS                          |                 | Mallory weiss Tear | 60              |
| Mallory weiss Tear              |                 | Corrosive ulcers | 120             |
| Corrosive ulcers                |                 | GERD             | 120             |
| GERD                            |                 | Erosions         | 300             |

V. Conclusion

In our study Variceal bleeding out number among the other causes followed by ulcer diseases, NSAIDS, erosions, esophagitis, malignancies, we have also reported a rare case of hepatic artery aneurysm which has bled and the clot penetrated into the duodenum and presented as upper GI bleed

References


Images of UGI Bleed Cases

Esophageal varices | EVL | Gastric ulcer | Monilial esophagitis

MW tear | Erosions | Esophageal ulcers | Ca esophagus

Analytical Study Showing Different Causes of UGI Bleed

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