

# Clinical Profile and Risk Factors of Dyspepsia in Chittagong: A Cross-sectional Study

Noor Fateh\*

Department of Gastroenterology, University of Dhaka, Dhaka, Bangladesh

## Introduction

The biggest breakthrough was the creation of an oral solution containing polyethylene glycol and balancing agents in 1980. PEG-ES electrolytes solution was developed to reduce required a comparatively small amount of fluid and electrolyte changes. This PEG-ES and its derivatives were used for decades after that. The major intended purpose of the creation of the Old trusty or the workhorse of bowel preparation [1]. It is both and enemy of both doctors and patients. It has been observed that many critically unwell patients develop endoscopic evidence of gastro-intestinal erosions or ulceration. Cleansing the colon for current medical procedures has long been a crucial component of the majority of colonic imaging includes colonoscopy, treatments. Early regimens comprised up to 12 L and were intended for radiological imaging of lavage fluid, typically in combination with enemas and frequently complicated by fluid and electrolyte and laxatives diseases as well as patient suffering.

## Description

The Enduring Sepsis Crusade (SSC) gives wide proposals on when and the most effective method to take care of in sepsis<sup>2</sup> and is by and large important. The Canadian Basic consideration society (CCCS) gives explicit guidelines<sup>3</sup> to sustenance in Basic Consideration climate [2]. The UK-based Public Foundation for Wellbeing and Care Greatness (NICE)<sup>1</sup> and the European Culture for Clinical Sustenance and Digestion (ESPEN)<sup>4,5</sup> likewise give overall rules. Stress ulceration has long been thought to be a preventable cause of harm in critically unwell patients. It is common practice to prescribe anti-histamines or proton-pump inhibitors (PPIs) to reduce the risk of bleeding from these ulcers, and this has been endorsed by the 2016 Surviving Sepsis Campaign guidelines. Lipolysis and ketogenesis become prevailing, with fat and bulk being consumed. Generally speaking digestion eases back. Conventional instructing proposes that such a patient loses fat mass in inclination to different tissues yet ultimately all tissue types will be involved. This type of starvation is a versatile reaction and answers well to taking care of. The metabolic response to stress is profoundly different. The process is driven by inflammation and, in contrast to starvation, the patient is hyper metabolic. From the beginning a mixed picture of consumption of fats, proteins and carbohydrates is seen. Patients lose large amounts of muscle mass. These patients respond poorly to feeding.

Only a minority of such patients will suffer clinically significant bleeding. Although mechanisms such as hypoperfusion leading to ischaemia and reperfusion injuries have been suggested the precise cause remains unclear. Mechanical ventilation for over 48 hours and coagulopathy are supposed to be the most grounded risk factors. Prior liver sickness, intense kidney injury requiring renal substitution treatment, furthermore, other organ brokenness may likewise increment risk. Prophylactic treatment of these lesions may not be without harm. Treatment may be a risk factor for ventilator-associated pneumonia [3,4]. This can have a negative impact upon recovery resulting in prolonged critical care and hospital stays. Bile might be lost prompting incidental pneumonitis taking care of patients might suction suddenly. This might be especially logical in patients who have created gastric balance as a result of basic disease. Parenteral sustenance requires focal venous access

**\*Address for Correspondence:** Noor Fateh, Department of Gastroenterology, University of Dhaka, Dhaka, Bangladesh, E-mail: dr.fateh42@gmail.com

**Copyright:** © 2025 Fateh N. This is an open-access article distributed under the terms of the creative commons attribution license which permits unrestricted use, distribution and reproduction in any medium, provided the original author and source are credited.

**Received:** 01 February, 2025, Manuscript No. cji-25-161571; **Editor assigned:** 03 February, 2025, Pre QC No. P-161571; **Reviewed:** 15 February, 2025, QC No. Q-161571; **Revised:** 20 February, 2025, Manuscript No. R-161571; **Published:** 27 February, 2025, DOI: 10.37421/2952-8518.2025.10.290

and line-related inconveniences like contamination, dying and pneumothorax is conceivable. At the cell level, glycogenolysis and gluconeogenesis drain liver and muscle glycogen stores quickly.

Hospitalized patients frequently have unfortunate nourishment, and the metabolic requests of basic disease might compound this. Gastrointestinal (GI) parcel brokenness might be because of medical procedure or added to by basic disease itself. This article portrays the proof behind taking care of systems, stress ulceration and the administration of upper GI dying, specific stomach cleaning. Patients in the emergency unit are frequently unfit to eat for themselves. This is maybe particularly valid for careful patients. Moreover it has been shown that unhealthiest is normal before medical clinic confirmation and that a critical number of patients who were not malnourished may turn out to be so in emergency clinic. Loss of muscle bulk and power are common problems in the ICU which may be exacerbated by a lack of nutrition. In addition, patients may become increasingly vulnerable to infection. Also, PPIs are known to be associated with higher rates of Clostridium difficult infection although whether this is significant in ICU patients is unclear. The SSC unequivocally feature the low quality of information on which their proposal is made. The agreement was just the nature of proof for benefit was more grounded than that for hurt. There is likewise areas of strength for an inside the serious consideration local area that pressure ulcer prophylaxis is advantageous, especially in the intense phase of a patient's basic sickness. Platelets have a role in patients who are actively bleeding [5].

## Conclusion

There is an absence of evidence to support platelet transfusion in a patient who is not actively bleeding and the BSG and NICE specifically recommend against this practice. Although not covered by guidelines from either NICE, the BSG, or the ACG, platelet transfusions may be encountered in two other situations.

## Acknowledgement

None.

## Conflict of Interest

None.

## References

1. Drucker, Daniel J. "Optical-based molecular imaging: Contrast agents and potential medical applications" *Eur Radiol* 13 (2003): 231–243.
2. Schulz, Ralf B. and Wolfhard Semmler. "Principles of optical and fluorescence mediated tomography in turbid media." *Z Med Phys* 15 (2017): 177-186.
3. Gorin, Michael A., Steven P. Rowe and Samuel R. Denmeade. "Clinical applications of molecular imaging in the management of prostate cancer" *Pet Clinics* 12 (2017): 185-192.
4. Bertoluci, Marcello Casaccia and Viviane Zorzanelli Rocha. "Cardiovascular risk assessment in patients with diabetes." *Diabetol Metab Syndr* 9 (2017): 1-13.
5. Hicks, Rodney J., Guy C. Toner and Peter FM Choong. "Clinical applications of molecular imaging in sarcoma evaluation." *Cancer Imaging* 5 (2005): 66–72.

**How to cite this article:** Fateh, Noor. "Clinical Profile and Risk Factors of Dyspepsia in Chittagong: A Cross-sectional Study." *Clin Gastroenterol J* 10 (2025): 290.