



Trends of Acute Abdomen Admitted in Emergency Department from September 2014 to September 2015 Of JLNMCB, Bhagalpur, Bihar

KEYWORDS

Acute abdomen, Cholecystitis, Pancreatitis, Appendicitis.

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Jawaharlal Nehru Medical College, Bhagalpur, Bihar**ABSTRACT**

Acute abdomen is one of the most common problems to patients admitted in our emergency department. It is due to many conditions either inflammatory or benign conditions or any intra-abdominal pathology. The patients should be thoroughly evaluated and proper intervention must be done either conservatively or surgical. The conditions causing acute abdomen varies according to age. Here we summarize the common conditions patients presented to our emergency department in the last one year from sep2014-sep2015.

Introduction-

Abdominal pain is the commonest presenting complaints of the patients admitted in emergency department. Although most abdominal pain are benign but some conditions are life threatening and requires urgent surgical intervention. In this study we had collected the data and analyzed it thoroughly with the final diagnosis and present to you the commonly occurring conditions causing acute abdomen. Bihar is situated near river Ganga and thus the etiology varies a lot from the south and north India. Table 1 shows causes of acute abdomen in descending order of occurrence in our region.

abdomen in our emergency department is due to intestinal obstruction followed by intestinal perforation. These are due to lack of knowledge and poor communication to the health care facilities thus patients presents very late and in progressed stage.

Table 1- Causes of acute abdomen admitted in JLNMCB, Bhagalpur, Bihar From September 2014- September 2015

S.NO	CONDITION	NUMBER OF CASES	PERCENTAGE OF ADMISSIONS
1	Acute cholecystitis	161	25.8%
2	Intestinal obstruction	122	19.5%
3	Intestinal perforation	84	13.4%
4	Appendicitis	78	12.5%
5	Renal calculi	66	10.5%
6	Liver abscess	42	6.7%
7	Pancreatitis	39	6.2%
8	Obstructed hernia	32	5.1%

Conclusion-

The acute abdomen can be especially concerning from a global health prospective. The commonest condition which brings the patient's to our emergency department is due to acute cholecystitis. Acute cholecystitis is more common in the gangetic belt where our hospital is situated. The water source is the main reason for this case presentation. Fat, female, fertile and forty years of age is the ideal criteria of the presentation of acute cholecystitis. As we are a developing country, we lack literacy and immediate medical services, so the second most common cause of acute

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