

## Abstract of Conference Proceedings

## NMA/AGSM/2023/PUBH/-Amoebic Perforation of the Bowel: A Case Report

**\*Umar Mohammed<sup>1</sup>, Haruna S Muhammad<sup>1</sup>, Adoke U Kasimu<sup>2</sup>, AK Nuhu<sup>3</sup>, OS Abdullahi<sup>4</sup>, TG Elijah<sup>5</sup>.**

<sup>1</sup>Department of Histopathology, Usmanu Danfodiyo University Teaching Hospital, Sokoto Nigeria. <sup>2</sup>Department of Histopathology, Federal Medical Centre Birnin Kebbi, <sup>3</sup>Department of Surgery, Pediatric Surgery Unit. Usmanu Danfodiyo University Teaching Hospital, Sokoto Nigeria. <sup>4</sup>Department of Surgery, Federal Medical Centre, Birnin Kebbi, Nigeria. <sup>5</sup>Department of internal Medicine Modibbo Adama University Teaching hospital, Yola, Nigeria.

### Abstract

Amoebiasis is the third leading cause of death worldwide after Malaria and schistosomiasis and it still posed a major public health concern in developing countries. *Entamoeba histolytica* is a single-celled extracellular parasitic protozoan that causes amoebiasis which have two main clinical forms of extra intestinal and intestinal presentation, and with rare invasive disease affecting the intestine that may lead to perforation. We present a case of 13yrs old male patient who presented to the accident and emergency of our hospital with features of acute abdomen an assessment of Generalized peritonitis secondary to typhoid ileal perforation was made. Despite critical care and adequate surgery regrettably the patient died 12<sup>th</sup> days post operative, the resected bowel was sent for histopathological analysis. A histological diagnosis of *Entamoeba histolytica* was made. Bowel perforation due to *Entamoeba histolytica* was therefore entertained as the final diagnosis. We present this rare case in our environment. High index of suspicion for intestinal amoebiasis second to typhoid ileitis should be top on the differential diagnosis list in our environment

**Keywords:** Amoebiasis; *Entamoeba Histolytica*; Bowel, Perforation.

Abstracts presented at the Annual Scientific conference of the Nigerian Medical Association May 2023 in Jalingo, Nigeria.

**\*Correspondence:** Umar Mohammed. Department of Histopathology, Usmanu Danfodiyo University Teaching Hospital, Sokoto Nigeria

**Email:** [umarsambas@yahoo.co.uk](mailto:umarsambas@yahoo.co.uk).

**How to cite:** Mohammed U, Muhammad SH, Kasimu UA, Nuhu AK, Abdullahi OS, Elijah TG. Amoebic Perforation of the Bowel: A Case Report. Niger Med J 2025; 66 (3): 1287.<https://doi.org/10.71480/nmj.v66i3.869>.

Quick Response Code:

