Schistosomiasis Manifesting as a Rectum Polyp in Nigeria

1Wilson I. B. Onuigbo, 2Chineme M. Anyaeze

1Medical Foundation & Clinic, Enugu, Nigeria
2Mater Hospital, Afikpo, Nigeria
*Corresponding Author: Aniceto Baltasar, Alcoy Hospital, Alcoy. Spain.

INTRODUCTION
Schistosomiasis is a peculiar worm disease found in different parts of the world (1). In this respect, migration plays an important part, e.g., an Ethiopian woman living in Lebanon (2) and those patients from Puerto Rico, “where the parasite is endemic,” but were treated in USA (3). Incidentally, the available single cases of intestinal infestation by schistosomes were recorded in terms of “polyp” formation (2,3). Therefore, our paper contributes this type of infestation.

CASE REPORT
AG, a 85-year-old woman of the Igbo ethnic group (4), came to the Mater Hospital, Afikpo, with the complaint of rectal bleeding as well as some mucus and pain on defecation of 3 weeks duration. The junior author (CMA) examined her and found a pedunculated rectal polyp at 4 o’clock position. The question of malignancy was entertained and excision was carried out. This specimen was submitted to the senior author (WIBO).

Inspection revealed an irregularly surfaced polyp measuring 2.5 cm across, the peduncle being 2.0 cm long. On section, there was a hemorrhagic growth. Microscopy showed the polyp to be benign and inflamed. There were scattered terminal-spined ova characteristic of schistosomiasis of the haematobium type. Recovery proved to be uneventful.

DISCUSSION
Previously, schistosomiasis was reported in our local community with reference to the appendix (5), urinary bladder (6), ovary (7), and childhood perineum in which it was mistaken as being due to sexual abuse (8). In their review and case series, Alam and associates (9) collected up to 32 cases reported from the intestinal tract but without further specification. Schistosomiasis may be associated with malignancy. Our case did not have this problem. Another series of 32 cases from China (10) concluded that “Chronic schistosomiasis infestation has a probable etiological role in promoting genesis of colorectal neoplasm.” Fortunately, the present patient reported promptly in accordance with the prevailing community health education standards (11).

REFERENCES
Schistosomiasis Manifesting as a Rectum Polyp in Nigeria


