Image Case: Diffuse Bowel Polyposis during Childhood

Mohamad H. Emara¹, Mohamad I Radwan¹, Hosam A Shoker²

¹Tropical Medicine Department, Faculty of Medicine, Zagazig University, Egypt.
²Biala Fever Hospital, Kafr Elshikh Health Board, Egypt.
emara_20007@yahoo.com

This eight years old female child that presented by long history of anemia and passage of fleshy tissues per anus. She was examined locally by surgeon and there was no local cause for tissue passage. On examination she was pale and showed brown pigmentation of the mucous membrane in the lower lip and cheeks and also the tongue (Figure 1 and 2). We decided to examine her by colonoscopy and there were large sized polyps (Figure 3 and 4) involving the caecum, ascending and sigmoid colon that was successfully snared and histopathological examination described villous adenoma. Later we examined her by upper endoscopy and surprisingly showed variable sized polyps involving the gastric corpus, antrum and also the duodenum and upper jejunum, histopathological examination of the gastric polyps showed also villous adenoma. The polyps and pigmentation raised the probability of Peutz-Jeghers syndrome.

Figure (1): Pigmentations along the inner aspect of lower lip
Figure (2): Pigmentations along the inner aspect of the cheek and tongue
Figure (3): Large polyp (snared) in the ascending colon
Figure (4): Extraction of snared large polyp from the sigmoid colon