



XANTHOMA STOMACH-A Rare Case Report

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INTRODUCTION:

- Xanthomas, or xanthelasma, or lipid islands, are an uncommon non-neoplastic entity of the gastrointestinal (GI) tract, with the stomach being the most favored GI location ¹.
- It is characterized by the accumulation of lipid-laden foamy macrophages in the mucosa¹

CASE DETAILS:

- A 55-yr-old-male- came with complaints of dyspepsia upper, GI endoscopy shows tiny yellowish patches in the lesser curvature of stomach.

GROSS, MICROSCOPY AND SPECIAL STAINS:

Received two grey white to grey-yellow soft tissue bits altogether measuring 1.5 cc.

Microscopy:

Section studied shows gastric mucosa and sheets of foamy histiocytes are seen in lamina propria along with mixed inflammatory infiltrate, Surrounding foveolar epithelium shows features of gastritis.

Fundal glands are seen.

No Atypia seen in the section studied.

Periodic acid Schiff, Gomari methanamine stain, ZN stain: Negative respectively

IHC CD 68 will be positive .

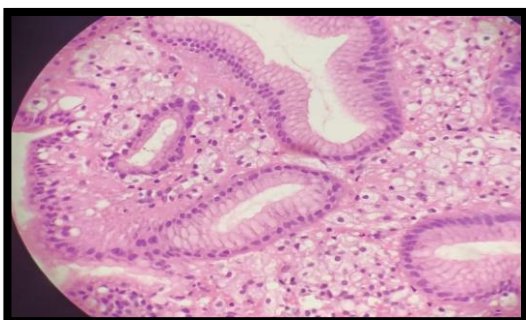


Fig 1 ; Micro photograph shows gastric mucosa and sheets of foamy histiocytes are seen in lamina propria

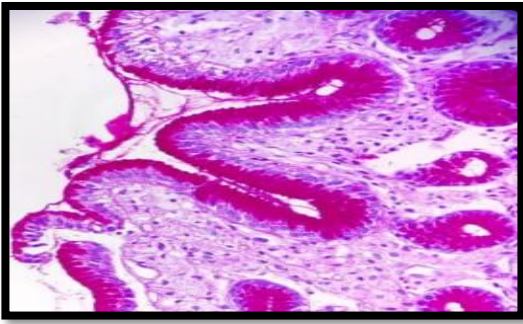


Fig 2; Micro photograph shows Xanthoma cells are PAS negative

DISCUSSION:

Gastric xanthoma was first described by Orth in 1887². It is found most commonly in the stomach, followed by the esophagus and duodenum². Cases of gastric xanthoma have been reported mainly in eastern countries, with incidence varying from 0.2-7%². The vast majority of authors agree that the xanthomas typically occur in stomach (70%), mostly in antral region (76%).

CONCLUSION:

Gastric xanthoma is a benign collection of lipid-laden foamy macrophages exact pathogenesis and etiology is unclear but usually coexists with precancerous lesions like helicobacter pylori, atrophic gastritis, chronic gastritis, intestinal metaplasia and occasional coexistence with early gastric cancer. Our case gastritis is observed. So we need to pay attention in diagnosis of xanthomas and eliminate the possibility of gastric malignancy.

REFERENCES:

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