

Conference Abstract

DAY 2 16th September 2023 (Saturday)

POSTER

11.00 am-12.00 pm

Scientific Session 2

A rare case report of tubular stomach in a 80 year old female cadaver**Monalisa Mandal, Uma Shivanal, Vidya. C.S**

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Background: The stomach is a site for various pathological conditions like congestive hypertrophic pyloric stenosis, peptic ulcer, gastroesophageal reflux disease (GERD), and carcinoma of the stomach. Surgical manipulation of the stomach is done by a bariatric surgeon for the treatment of obesity. Comprehensive knowledge of variations of stomach helps clinicians to identify the developmental defects while diagnosing diseases and further helps in preoperative planning and preventing inadvertent damage during surgeries.

Aim: The present study was undertaken to assess the anatomical variation of stomach along with the histological alterations.

Methods: During routine dissection for MBBS students in Department of Anatomy, JSS Medical college, we found an unusual tubular stomach in an 80-year-old Indian woman. The stomach was dissected, cutting through the esophagus superiorly and pyloric duodenal junction inferiorly and was taken out of the abdominal cavity. The stomach was cut along the greater curvature for interior examination.

Observation: The cadaveric stomach was tubular in shape with a smaller number of rugae. Length of stomach was 28 cm long, and width was 8.5 cm along fundus, pyloric end 3.5 cm, cardiac end 3.5 cm and tissue was taken for histopathological examination (H& E stain) and will be discussed in the presentation.

Conclusion: The different shape of the stomach is strongly associated with the organogenesis. Numerous acquired variations of stomach are clinically important like in vagotomy and esophagectomy. The stomach in discussion is tubular in shape with 3.5 cm in width along the cardiac, body and pyloric region.

Keywords: Gastric variation, Tubular stomach, Vagotomy