

Conference Abstract

DAY 2 16 th September 2023 (Saturday)	POSTER	11.00 am-12.00 pm	Scientific Session 3
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Case of Variation in Origin of Left Gastric Artery**Jasneet Kaur Narang, Shambhavi Vivek Joshi**

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Introduction: The left gastric artery arises from the celiac trunk (ventral branch of abdominal aorta) and runs along the superior portion of lesser curvature of stomach before anastomosing with right gastric artery . It also gives oesophageal branches that supply lower oesophagus and ascend through the oesophageal hiatus to anastomose with oesophageal branches of thoracic part of aorta. CASE

Report: During routine dissection for educational purposes , we found rare variations in origin and branching pattern of left gastric artery in a middle aged male cadaver . It was found that the left gastric artery arose from the anterior wall of abdominal aorta rather than the usual anatomical pattern that is from celiac trunk . Other variations were observed that the anomalously originating left gastric artery gives hepatic branches which supply liver. These hepatic branches (from left gastric artery) also branched to supply oesophagus as the pass through the aortic opening of diaphragm . It was also noted that the celiac artery and superior mesenteric artery shared a common trunk arising ventrally from abdominal aorta.

Discussion: The variations observed in our case are rare and highly significant as celiac trunk and its branches solely provide blood supply to upper abdomen . Pre-operative knowledge of such variations is crucial for clinicians to accomplish successful surgeries , diagnostic and therapeutic vascular intervention procedures and liver transplantation.

Keywords: Left gastric artery, celiac trunk