

Conference Abstract

DAY 1 15th September 2023 (Friday)

ORAL 2

3.30-5.00 pm

Scientific Session 1

Case Report - Variation in the branching pattern of coeliac artery

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Background: Coeliac trunk is a short wide vessel arising from the ventral aspect of abdominal aorta at the level of intervertebral disc between T12 and L1 vertebrae. It passes horizontally forwards and to the right and terminates into 3 branches- left gastric artery, common hepatic artery and splenic artery. Left gastric artery – smallest branch moves towards cardiac end of stomach and gives esophageal, gastric branches. Splenic artery –largest branch which takes tortuous course to left along the upper border of pancreas and gives of pancreatic, short gastric and left gastroepiploic branches.

Common hepatic artery-moves towards right along the upper border of pancreas and gives proper hepatic and gastroduodenal arteries. Anatomic variations and presence of accessory vessels have been reported.

Case report: During routine dissection for UG students' variations in the branching pattern of coeliac artery was observed in male cadaver aged about 50 years. Coeliac trunk arose normally from abdominal aorta and terminated by giving left gastric artery and a common hepatosplenic trunk. An accessory hepatic artery originated from the left gastric artery which entered the left lobe of liver.

Conclusion: Knowledge of coeliac artery variations becomes important in surgical resection, transplantation and interventional procedures.

Keywords: Left gastric artery, coeliac trunk, hepatosplenic trunk