**Case Report:**

**Replaced right hepatic artery arising from superior mesenteric artery**

**Dr. Muralidhar Reddy Sangam**

Associate Professor of Anatomy,

NRI Medical College, Chinakakani, Guntur , Andhra Pradesh , India

**E mail:** murali\_sangam@yahoo.co.in

**Abstract**

**Introduction:** A good knowledge of normal hepatic artery distribution and the possible anatomical variations is significant in General Surgery and in hepatic surgery, especially in liver transplantation. The vascular anatomy of liver is variable.

**Material and methods:** We report a case of replacing right hepatic artery branching from superior mesenteric artery and crossing posterior to the portal vein. The possible embryological basis and clinical implications of this variation are discussed.

**Conclusion:** Knowledge of such variations helps in reducing the risks in surgeries and also plays a role in radiological interventions.

**Key words:** Hepatic artery, Superior mesenteric artery, Liver transplantation.