

## Conference Abstract

DAY 2 16<sup>th</sup> September 2023 (Saturday)

POSTER

11.00 am-12.00 pm

Scientific Session 2

**Absent mirror-image of azygos venous system: A case report with embryological correlation****Anita.L, Lydia Shobha Andrade**

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**Introduction:** The Azygos venous system comprises of azygos vein, hemiazygos vein and accessory hemiazygos vein. It drains blood from the thoracic wall and abdomen wall. The hemiazygos vein is considered to be a mirror-image of the lower half of azygos vein and is formed by the union of the left ascending lumbar vein and left subcostal vein. The azygos-hemiazygos system is subject to a wide range of variations in its pathway. A few cases have reported that, hemiazygos and accessory hemiazygos veins may drain into the azygos vein through a common trunk. The posterior wall thorax undergoes several surgical interventions.

**Case report:** The present case highlights the absence of hemiazygos and accessory hemiazygos veins. Anatomical variation in the azygos venous system was observed in an approximately 50-year-old female south Indian cadaver. The fifth to twelfth posterior intercostal veins on the left side crossed the vertebrae and drained directly into the azygos vein. The left ninth and tenth posterior veins formed a single trunk and drained into the azygos vein. No significant variation was observed on the right side.

**Conclusion:** The knowledge of such variations is necessary, especially for the cardiothoracic surgeons, to avoid haemorrhage while performing surgeries.