

## Gross Anatomical Study on the Tributaries of the Hepatic Portal Vein in Cattle Egret (Bubulcus Ibis)

**Authors :** Elsayed Fath Khalifa, Samer Mohamed Daghash

**Abstract :** The aim of the current work study to increase the anatomical knowledge about the cattle egret which considered economically important for farmers. The study was carried out on ten adult, apparently healthy cattle egrets of both sexes. Each bird was exsanguinated; the caudal vena cava was cannulated and flushed with warm normal saline solution (0.9%) then injected with blue colored neoprine (60%) latex in order to study the tributaries of the hepatic portal vein. The origin, course and tributaries of the right and left hepatic portal veins were studied. The hepatic portal venous system collected venous blood from the abdominal viscera including; glandular and muscular stomachs, liver, pancreas, spleen, small intestine and large intestine. The hepatic portal vein was formed by the left and the right hepatic portal veins. The smaller left one drained blood from the glandular and muscular stomachs through the ventral and the left proventriculus as well as the left gastric veins. The most tributaries of the right hepatic portal vein drained blood from the rest of the gastrointestinal tract and the spleen by the proventriculosplenic, the gastropancreaticoduodenal and the common mesenteric veins.

**Keywords :** cattle egret, common mesenteric vein, hepatic portal vein, anatomy

**Conference Title :** ICMMA 2015 : International Conference on Microscopic and Macroscopic Anatomy

**Conference Location :** Barcelona, Spain

**Conference Dates :** August 17-18, 2015