

Veins

I. Veins of the trunk

A. Superior vena cava

1. Brachiocephalic

- a. Subclavian v.
- b. Internal jugular v.
- c. Vertebral v.
 - i. External vertebral venous plexus
 - Internal vertebral venous plexus (radicular veins [L. root])
- d. 1st intercostal v.
- e. Internal thoracic v.
- f. Inferior thyroid v.
- g. Left superior intercostal v.
- h. Pericardiophrenic v.

2. Azygos (arch) (G. without a yoke, unpaired)

- a. Posterior intercostal veins
- b. Right superior intercostal v.
- c. Esophageal veins
- d. Hemiazygos v.
 - i. Left ascending lumbar v.
 - Left lumbar v.
 - ii. Left subcostal v.
 - iii. Left lumbar azygos v.
 - iv. L. posterior intercostals veins
- e. Accessory hemiazygos v.
- f. Right ascending lumbar v.
- g. Right lumbar v.
- h. Right subcostal v.
- i. Right lumbar azygos v.

B. Cardiac

1. Coronary sinus (starts where the posterior vein of the left ventricle drains into the great cardiac vein)

- a. Great cardiac v.
- b. Posterior vein of the left ventricle
- c. Middle cardiac v.
- d. Small cardiac v.

2. Anterior cardiac veins

C. Pulmonary

- 1. Inferior left
- 2. Superior left
- 3. Inferior right
- 4. Superior right

D. Inferior vena cava

1. Common iliac v.

- a. External iliac v.
 - i. Inferior epigastric v.
 - ii. Deep circumflex iliac v.
 - iii. Femoral vein
 - Superficial epigastric v.
- b. Internal iliac vein
 - i. Superior gluteal v.
 - ii. Inferior gluteal v.
 - iii. Obturator v.
 - iv. Lateral sacral v.
 - v. Internal pudendal v.
 - Inferior rectal v.
 - Rectal venous plexus
 - vi. Middle rectal v.

- Rectal venous plexus
 - vii. Uterine v.
 - Uterine venous plexus (female)
 - viii. Vesical v.
 - Prostatic venous plexus (male)
 - Deep dorsal vein of penis (male)
 - Vesical plexus
 - Deep dorsal vein of clitoris (female)
 - ix. Median sacral v.
2. Renal v.
 - a. Segmental veins
 - b. Left gonadal v.
 - c. Suprarenal (Inferior phrenic) v.
 3. Right inferior phrenic v.
 4. Right suprarenal v.
 5. Right testicular (ovarian) v.
 - a. Pampiniform plexus (male) (L. pampinus, a tendril + forma, form)
 6. Hepatic veins (right, middle & left)
 - a. Central veins (from sinusoids)
 - b. Hepatic portal vein (via central and sinusoids)
 - i. Superior mesenteric v.
 - Right gastro–epiploic v.
 - Pancreaticoduodenal v.
 - Jejunal veins
 - Ileal veins
 - Ileocolic v.
 - Right colic v.
 - Middle colic v.
 - ii. Splenic vein
 - Short gastric veins
 - Left gastro–epiploic v.
 - Pancreatic veins
 - Inferior mesenteric v.
 - Left colic v.
 - Sigmoid veins
 - Superior rectal v. (rectal venous plexus)
 - iii. Left gastric v.
 - iv. Right gastric v.
 - v. Para–umbilical v.
 - vi. Cystic v.
 7. Lumbar veins