

VI.—The Ovarian Artery

Comes off from the abdominal aorta, half an inch behind the origin of the superior mesenteric artery. It passes to the left side, and after giving off a branch for the supply of the anterior half of the oviduct, terminates in the substance of the ovary.

VII.—The Renal Arteries.

These are three in number on each side. The two anterior come off from the aorta half an inch in front of the crural artery. They pass outwards and backwards, and supply the anterior or larger of the two renal lobes. The posterior renal artery arises from the aorta behind the origin of the crural, and passes outwards to supply the posterior or smaller of the lobes of the kidney. All three arteries inosculate freely with one another in the substance of the kidney.

VIII.—The Lumbar Arteries

Are in series with the intercostals. They are of small size, and arise partly in front of and partly behind the renal arteries. They are distributed somewhat irregularly to the superior and lateral abdominal walls.

IX.—The Inferior Mesenteric Artery

Is given off from the abdominal aorta close to its termination. It passes backwards between the folds of the meso-rectum, and supplies the great intestine between the cœca and cloaca.

X.—The Hypogastric Arteries

Are two in number. They leave the aorta opposite the last lumbo-sacral vertebra, and accompany the ureters as far as the cloaca, which together with the bursa fabricii they supply.

XI.—The Middle Sacral Artery.

This, the termination of the aorta, extends backwards, lying along the inferior middle line of the coccygeal vertebræ. It terminates by breaking up into small branches for the supply of the depressores coccygis muscles and neighbouring parts.

XII.—The Crural Artery

Arises from the abdominal aorta in front of the posterior renal artery. It passes obliquely outwards and backwards above the fissure which separates the two lobes of the kidney, and escapes from the abdominal cavity by passing over the anterior border of the iliac bone. It then passes along the inner side of the thigh, lying under cover of the