

## **Pelvic Arteries Program Transcript**

This diagram shows the arteries that are found in the pelvis. Off of the aorta come these common iliac arteries. Each common iliac divides into an external iliac and internal iliac.

The external iliac runs through the pelvis on its way to become the femoral artery of the lower limb. The internal iliac gives off two major divisions. One is a posterior division from which arise the iliolumbar artery, lateral sacral artery, and superior gluteal artery. The anterior division begins by giving off an umbilical artery and, from that, the superior vesicle artery to the top of the bladder. The next artery offers the obturator, which runs into the medial aspect of the thigh.

Then, in the female, there's a uterine and vaginal artery. And then, in the male there, is the inferior vesical artery going into the seminal vesicles and prostate. Both male and female have a middle rectal artery going to their rectum, an inferior gluteal artery, and an internal pudendal artery. The internal pudendal artery is the main artery going to the perineum, which we'll talk about in the next unit.