

SEMINAL VESICLE

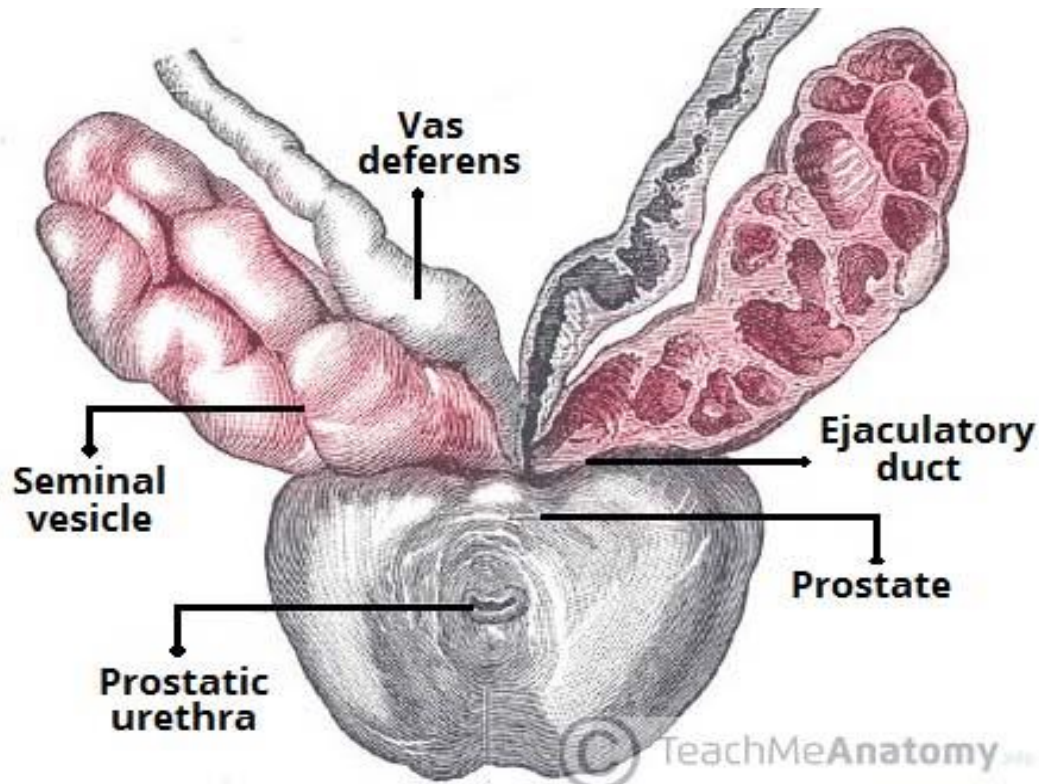
Introduction

Seminal

Related to semen

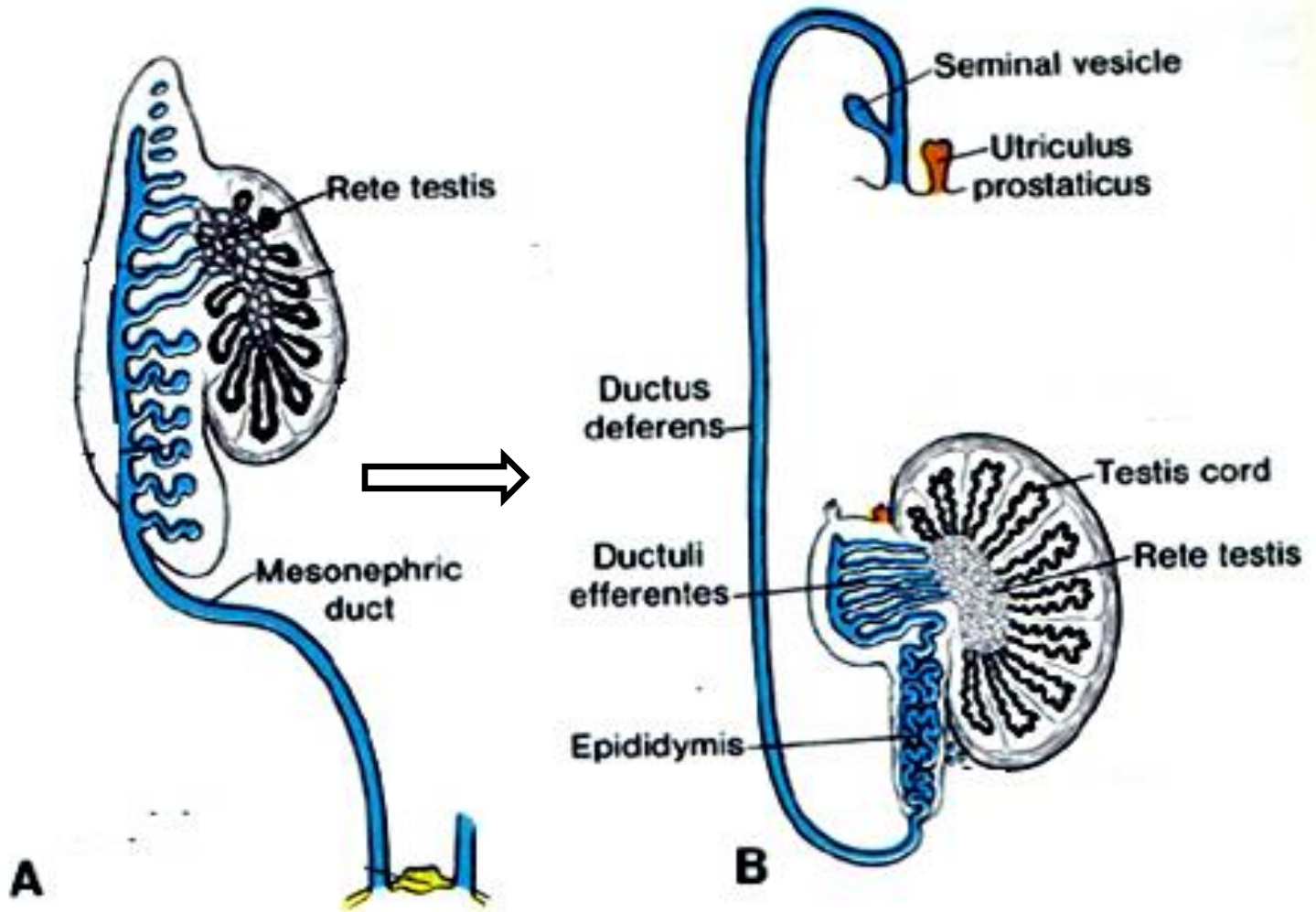
Vesicle

Sac-like structure

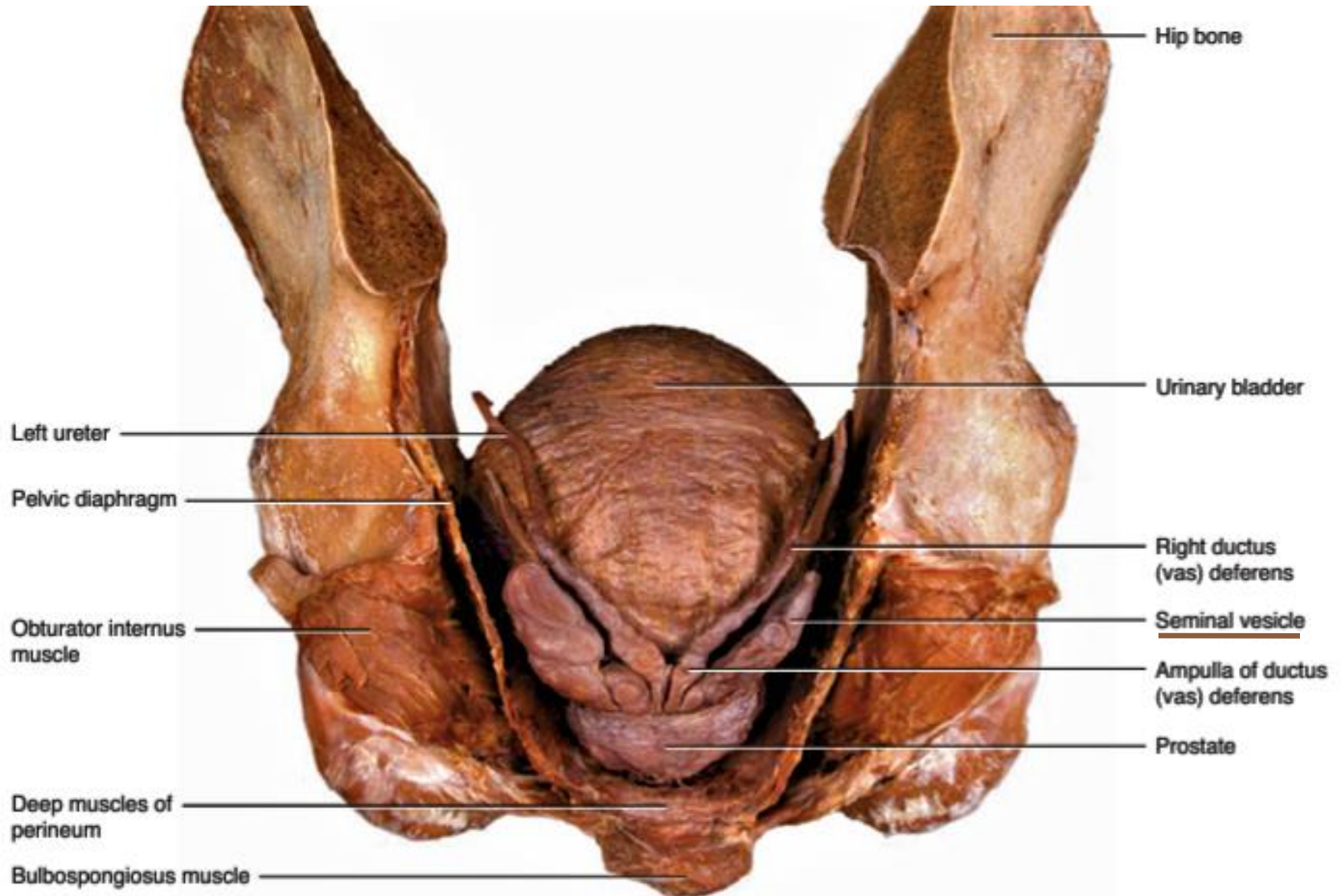


- ✓ **Paired accessory sex glands**
- ✓ **Secretes 60% - 70% of components of semen**

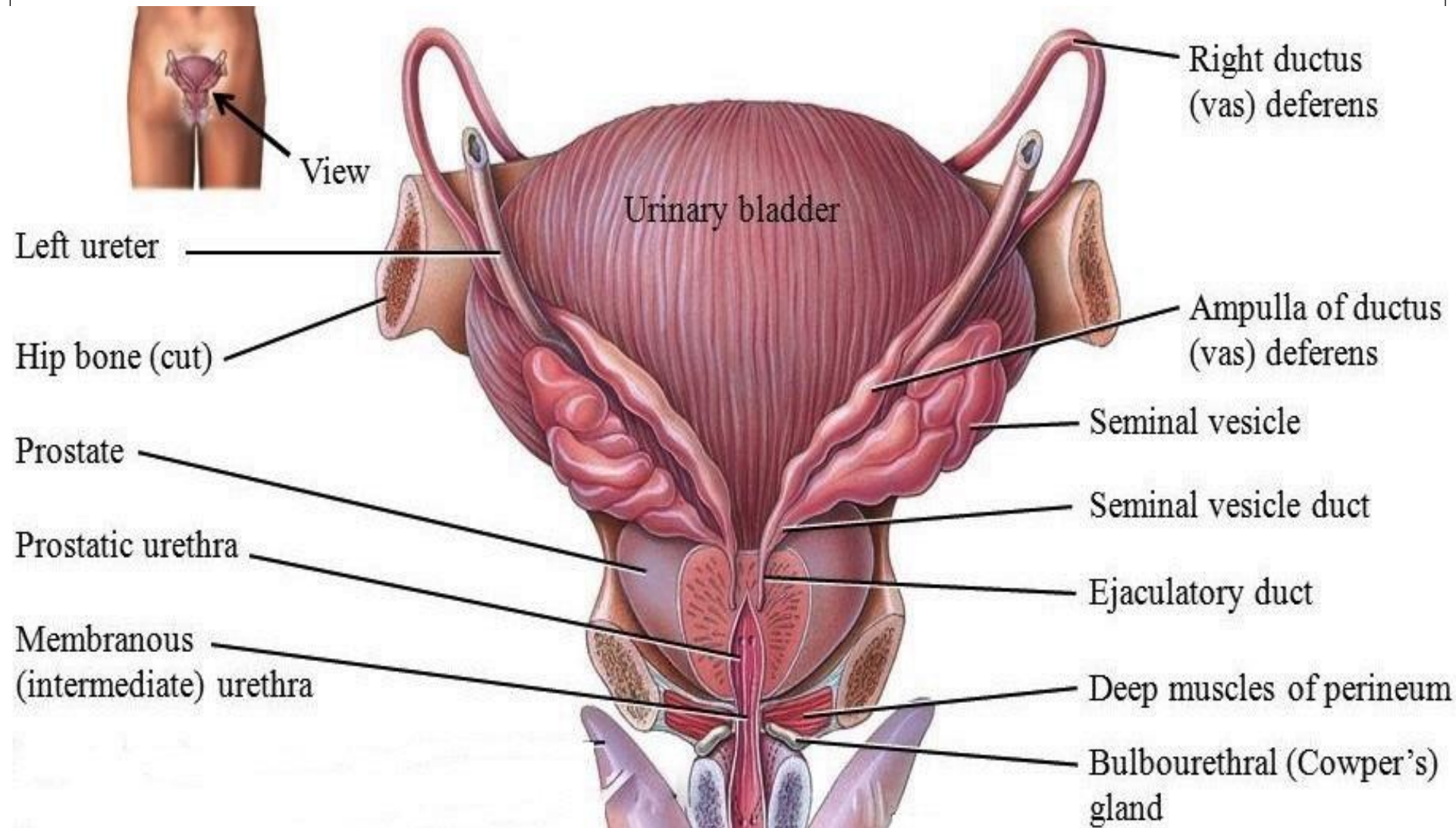
Embryological Development



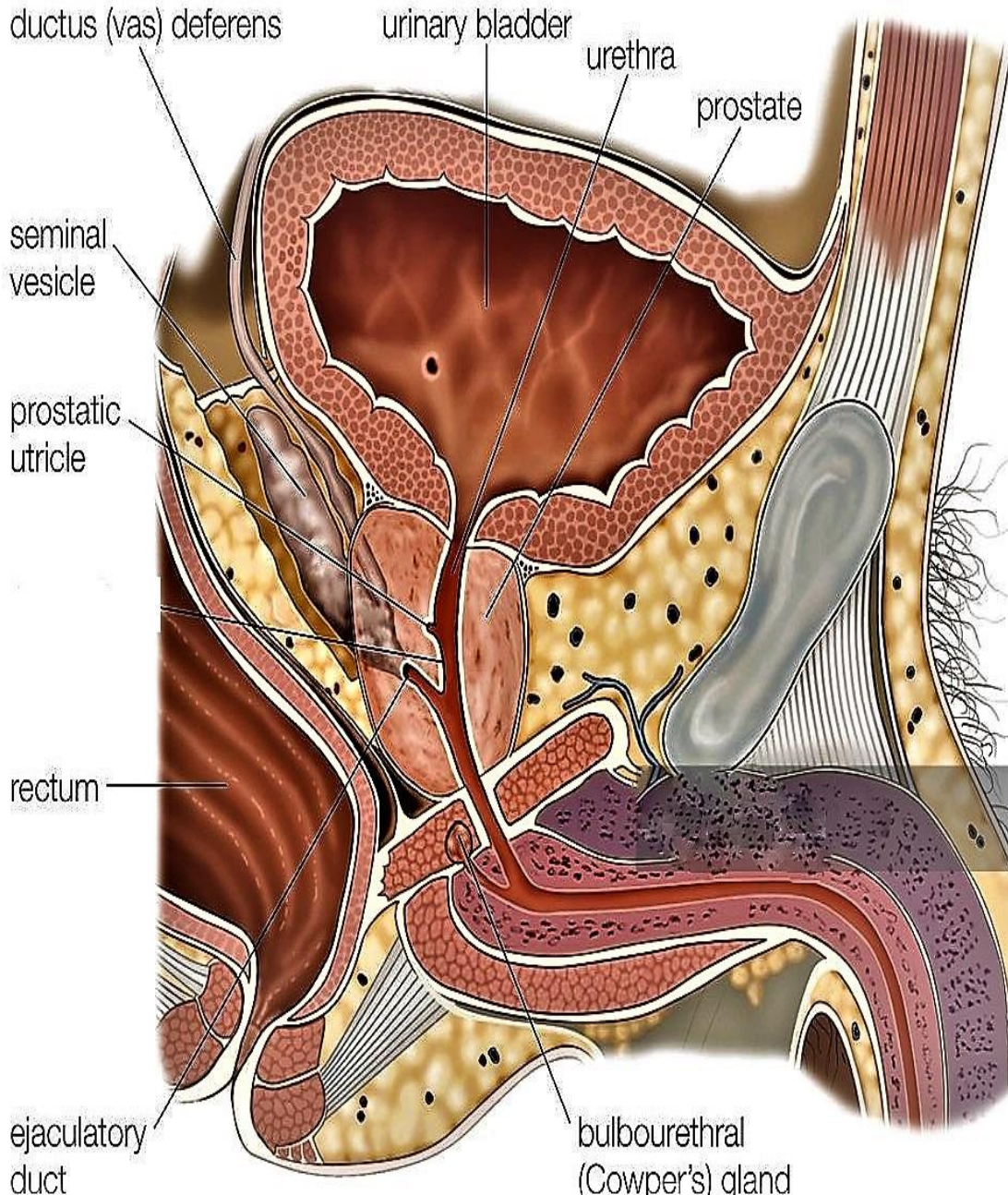
Location — pelvis



- ✓ **Postero-lateral to the base of Urinary Bladder**
- ✓ **Superior to Prostate gland**



Relations



Anterior – Posterior
wall of bladder

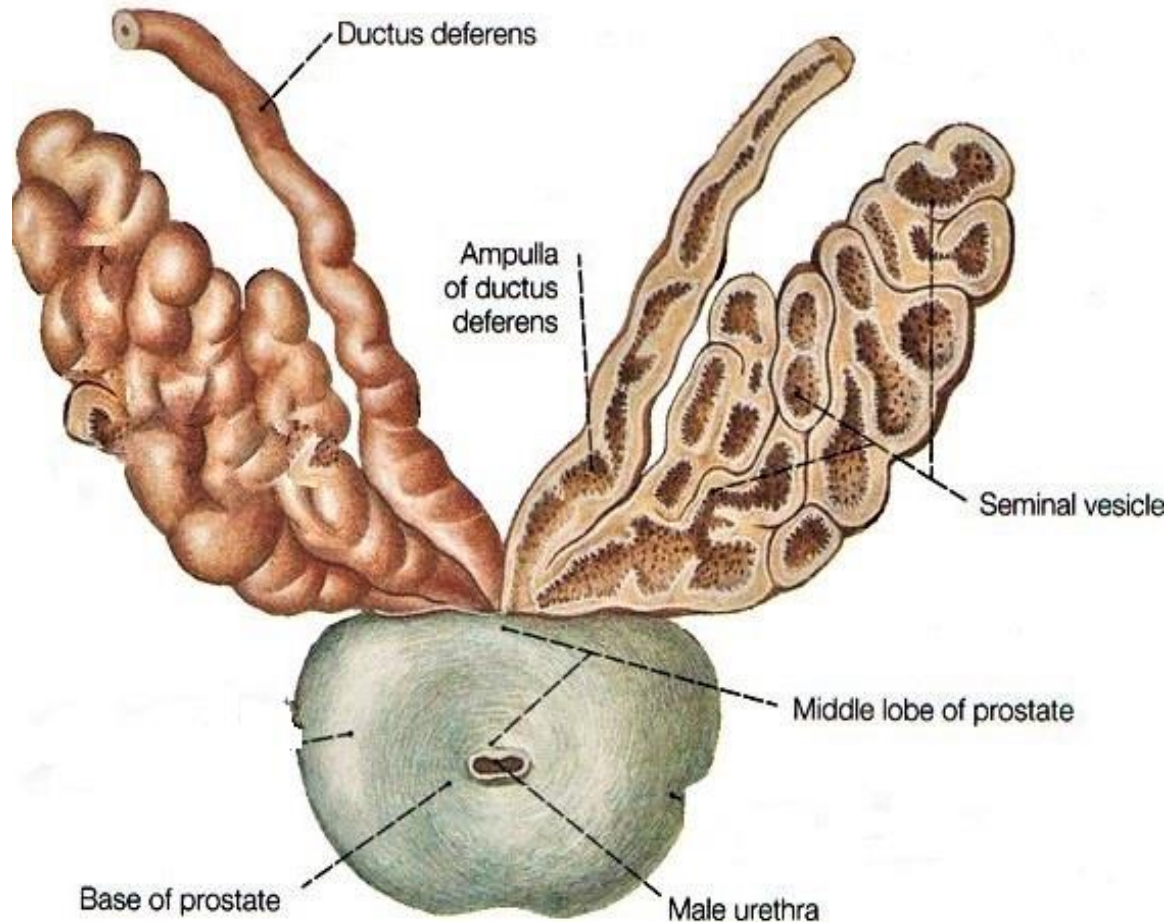
Posterior – Rectum

Inferior – Prostate
glands

Medial – Ampulla of Vas
deferens

Structure

- ✓ **Tubular**
- ✓ **Coiled -5cm long**
- ✓ **Uncoiled - 15 cm**
- ✓ **3-4 cm in diameter**



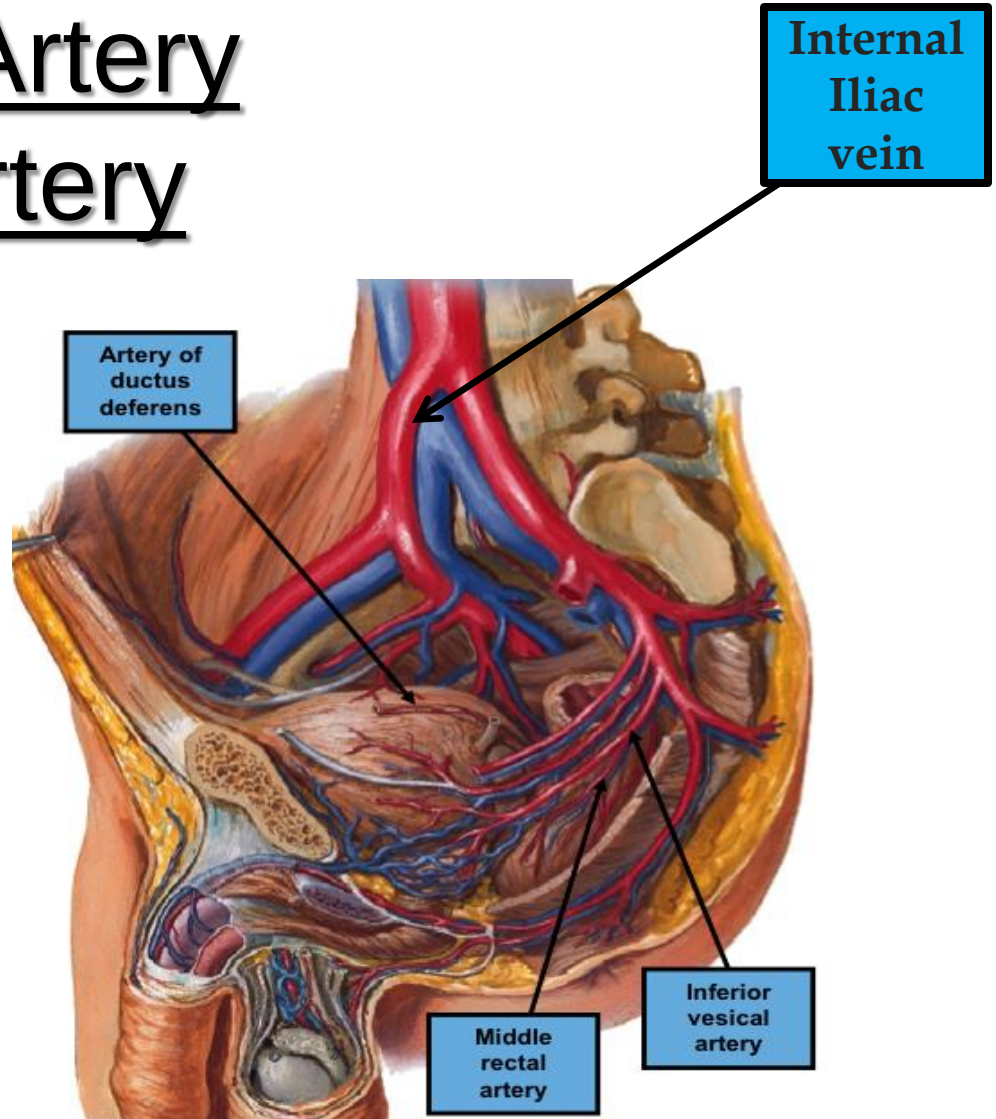
Seminal duct + Vas deferens = Ejaculatory duct

Blood Supply

Internal Pudendal Artery

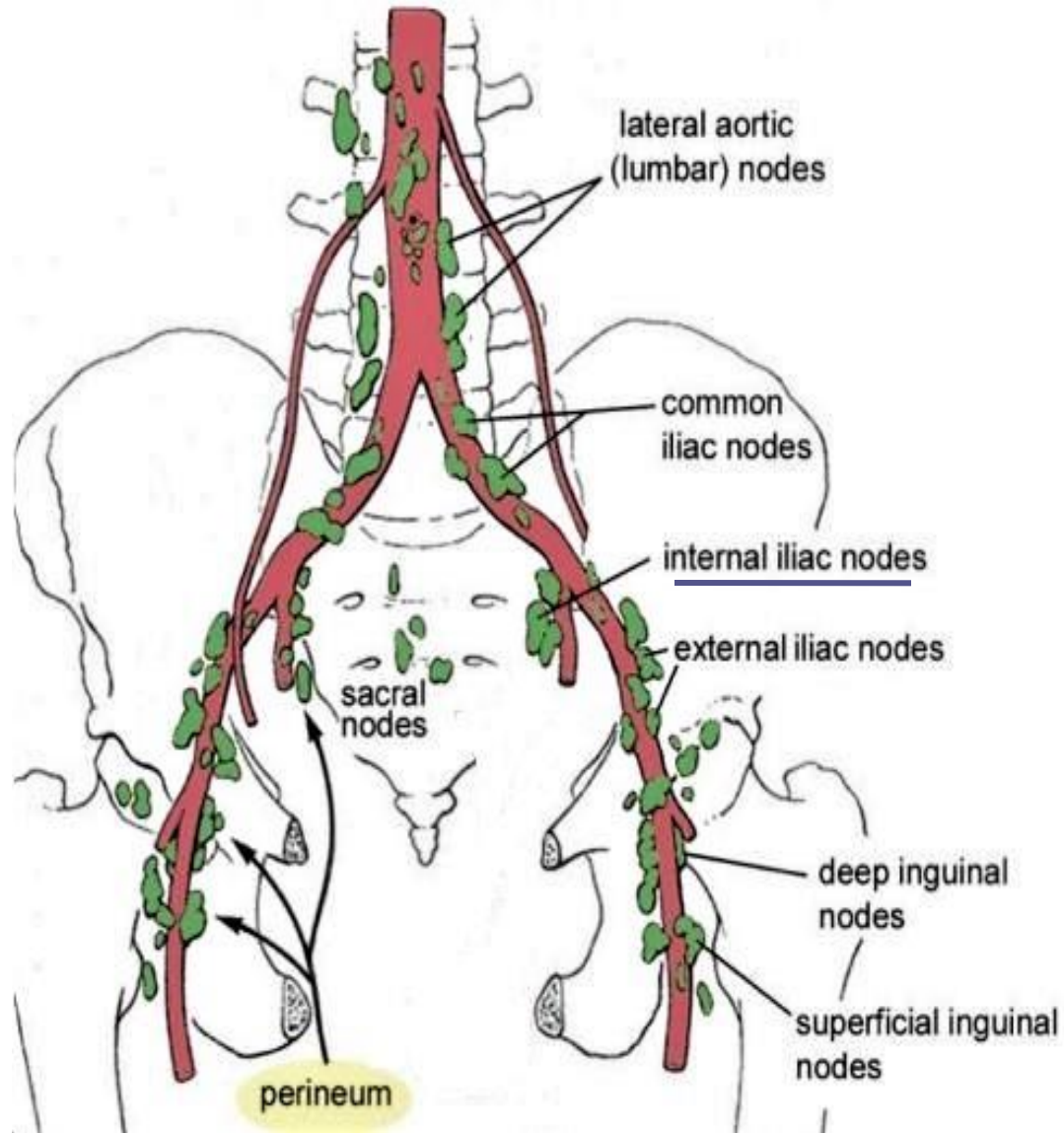
Inferior Vesical Artery

Middle Rectal Artery

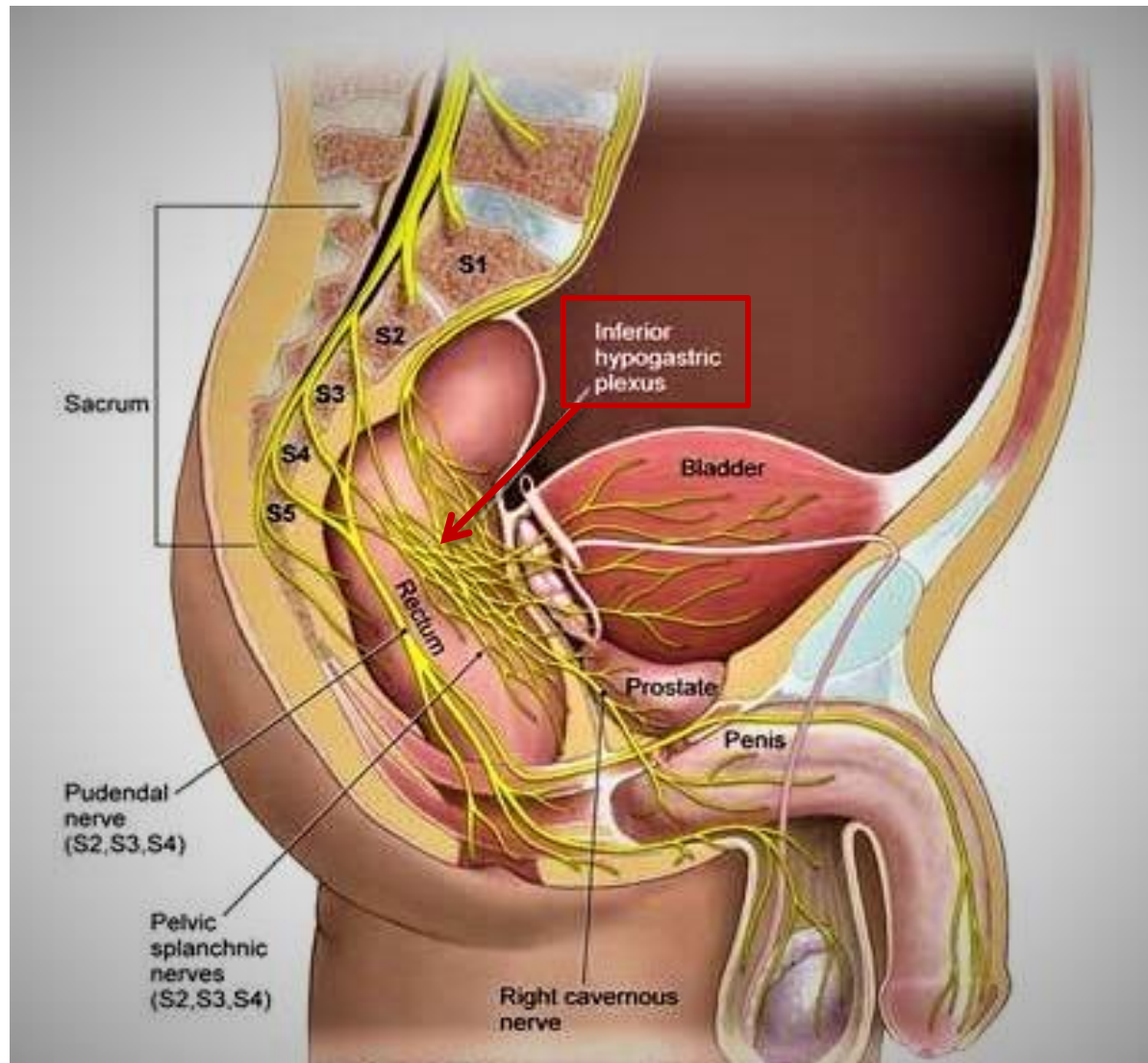


Lymphatic Drainage

Internal Iliac Nodes



Nerve Supply



Functions

Secretes sticky, yellow, alkaline fluid containing :

- ✓ **Fructose**
- ✓ **Fibrinogen**
- ✓ **Prostaglandins**
- ✓ **Mucus**

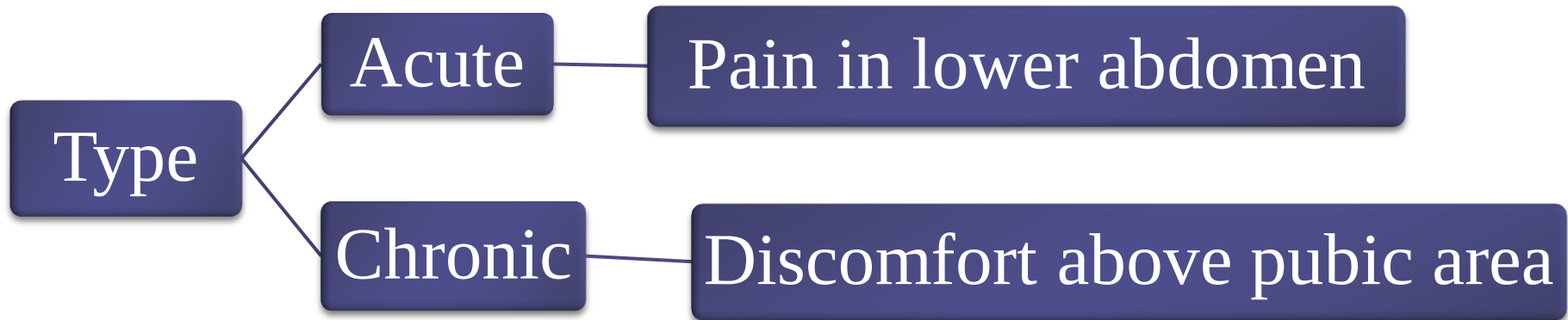
NOTE- NO ROLE IN SPERM STORAGE

Clinical Aspect

1. Seminal Vesiculitis

Causes : Bacterial infection

Spreading of inflammation from Testis & Prostate

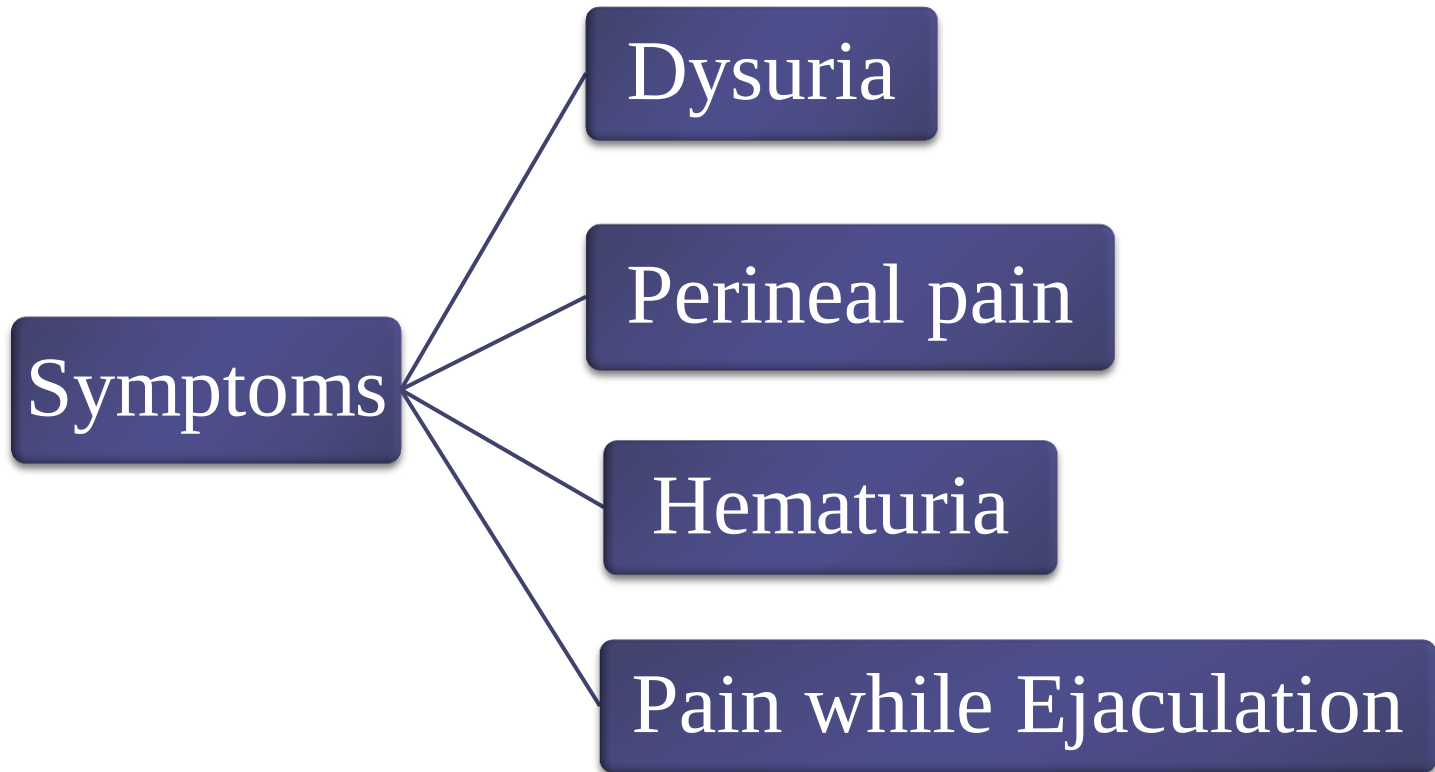


Common symptom - Haematospermia

2. Seminal Vesicle Cysts

Causes : Congenital

Prostatic Infection



Cysts are palpable superior to prostate

**THANK
YOU**

