

SEMINAL VESICLE

Rachna Sharma

Roll no.- 72

N.I.A. Jaipur

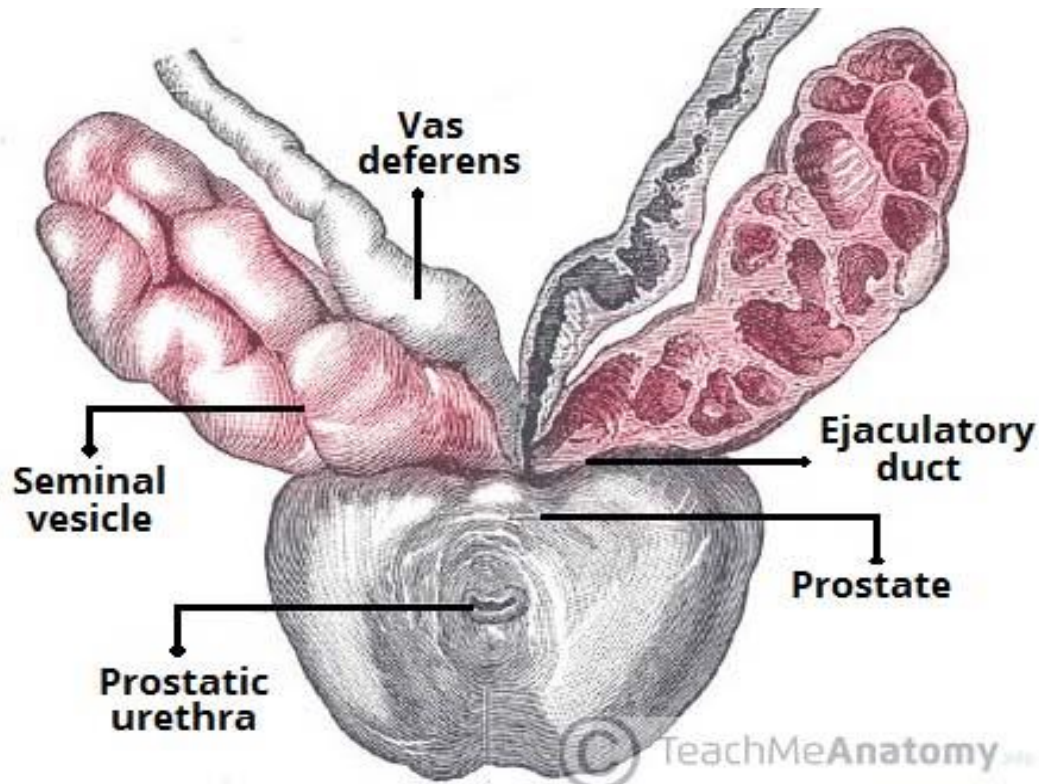
Introduction

Seminal

Related to semen

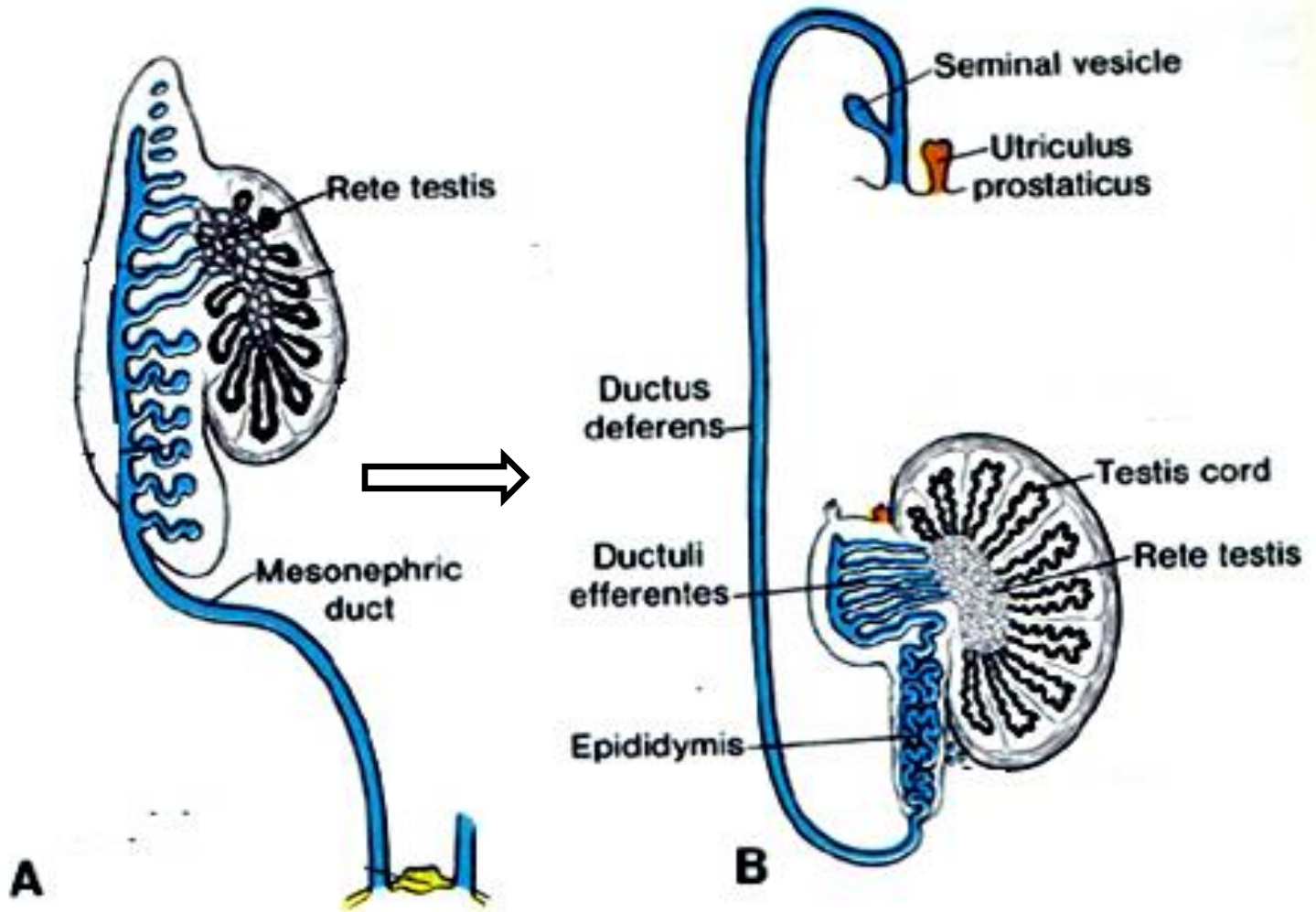
Vesicle

Sac-like structure

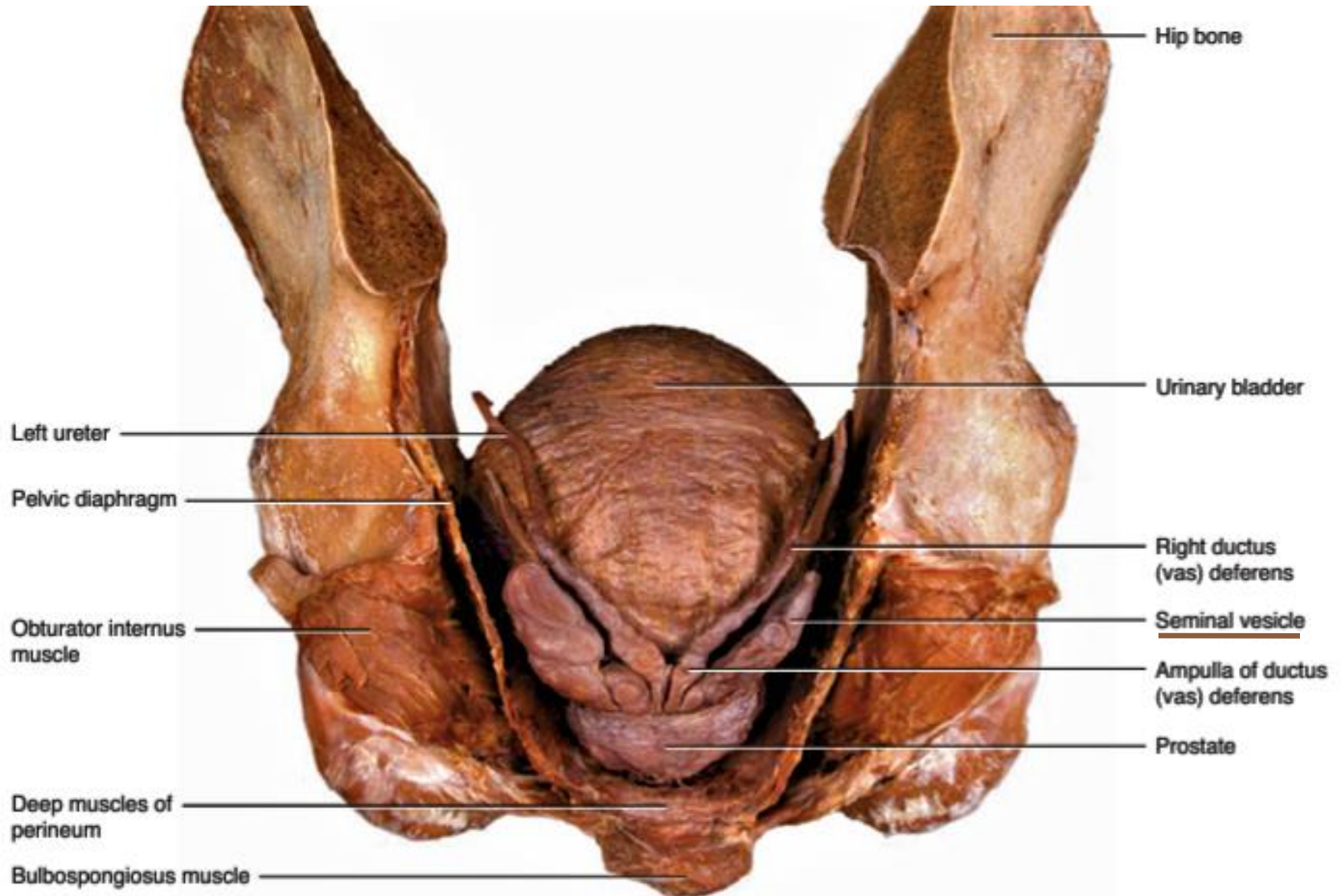


- Paired accessory sex glands
- Secretes 60% - 70% of components of semen

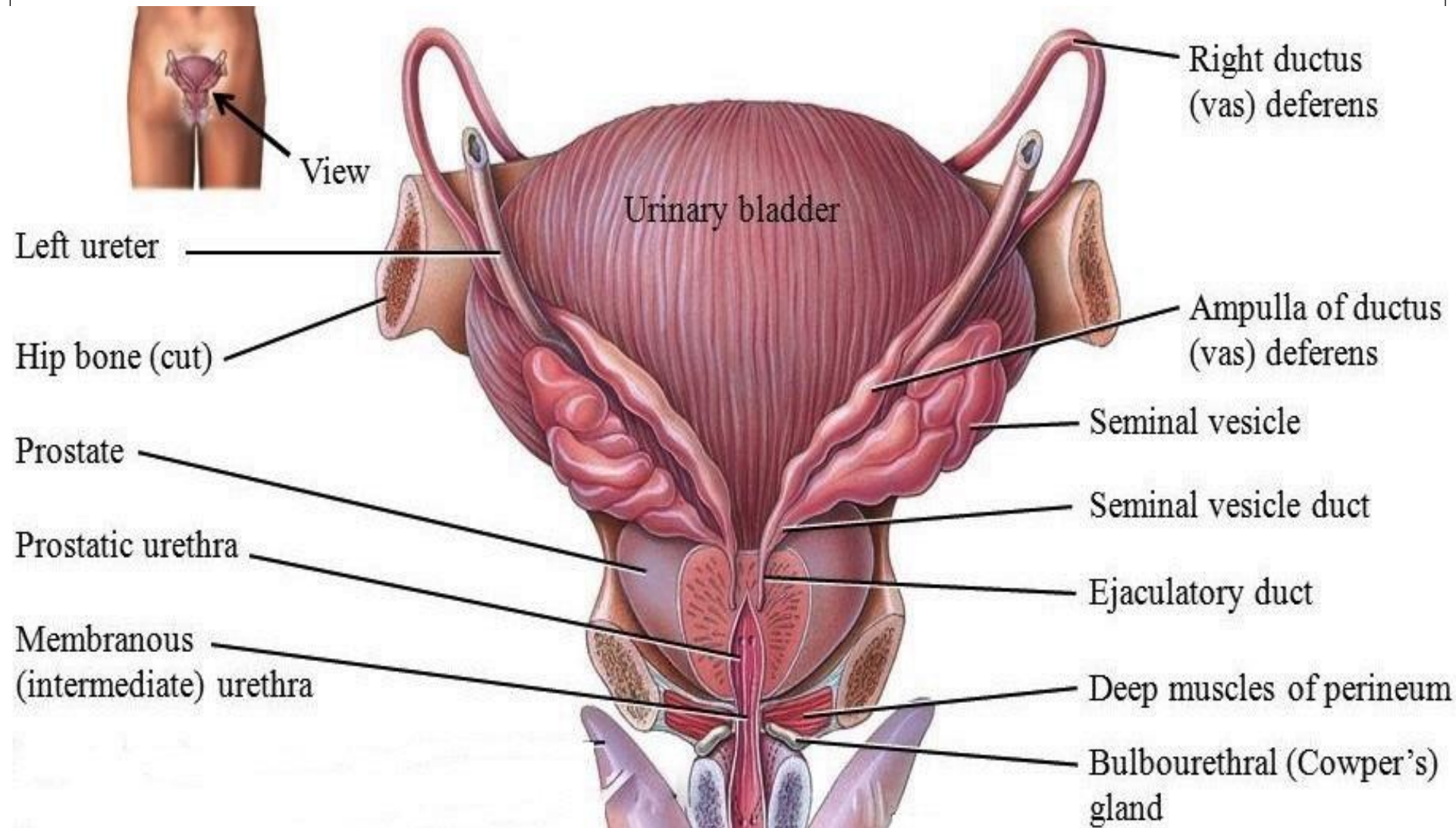
Embryological Development



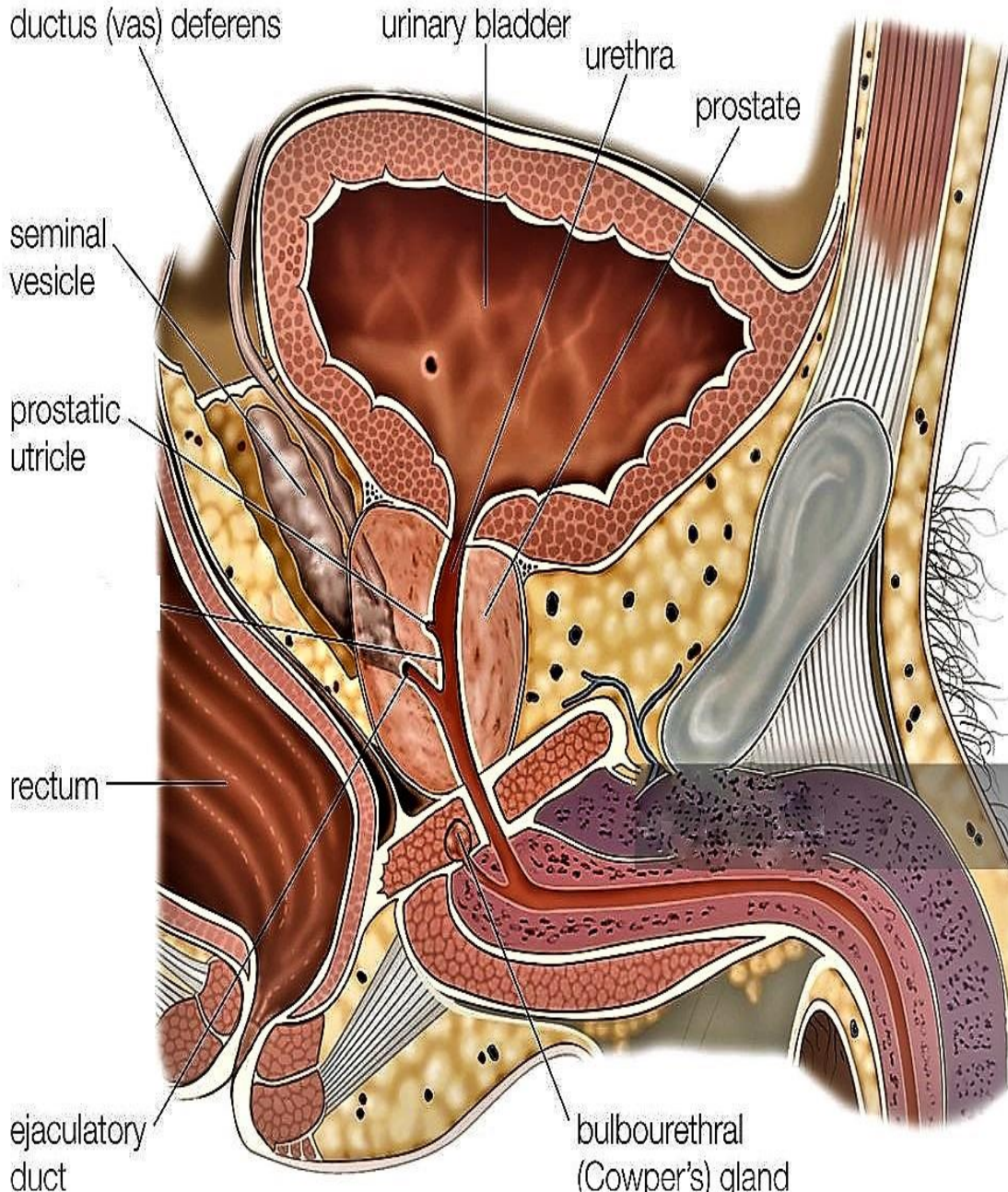
Location — pelvis



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



Relations



Anterior – Posterior wall of bladder

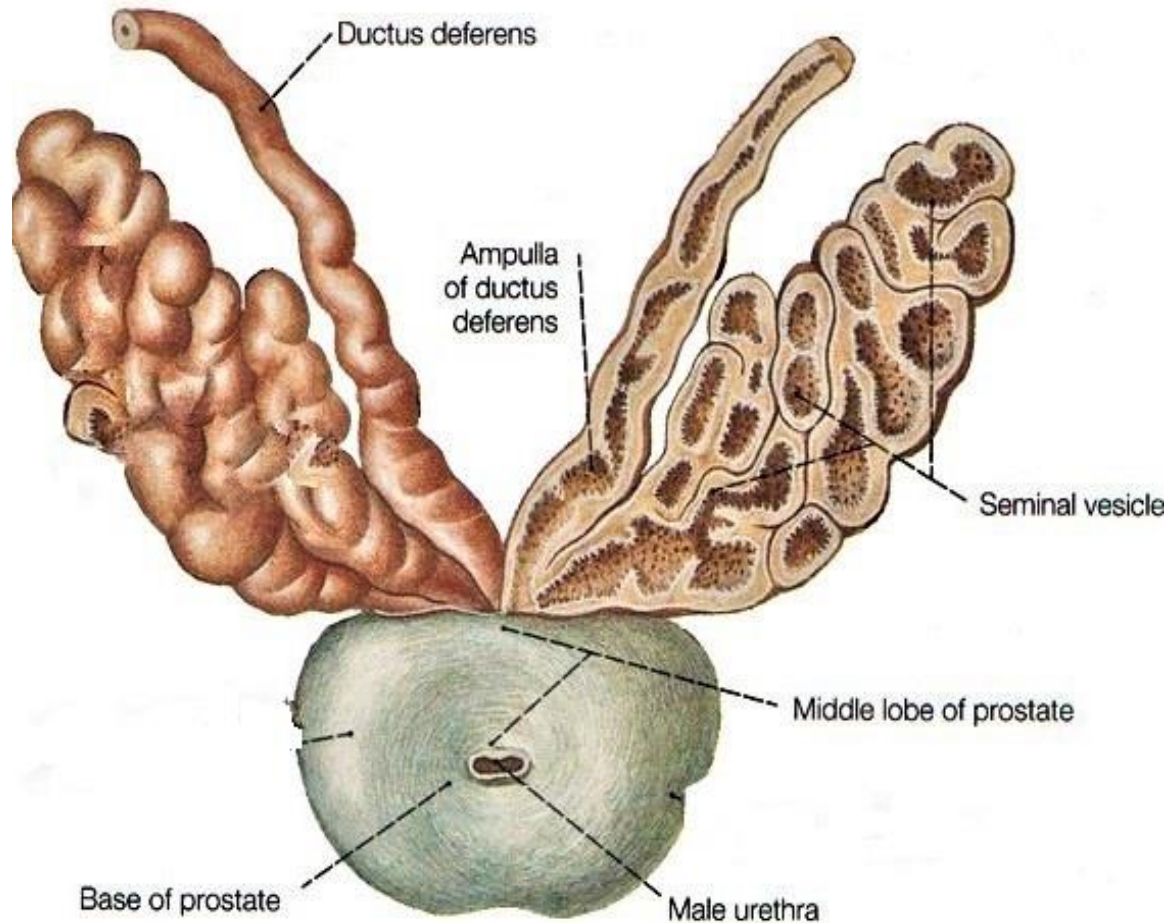
Posterior – Rectum

Inferior – Prostate glands

Medial – Ampulla of Vas deferens

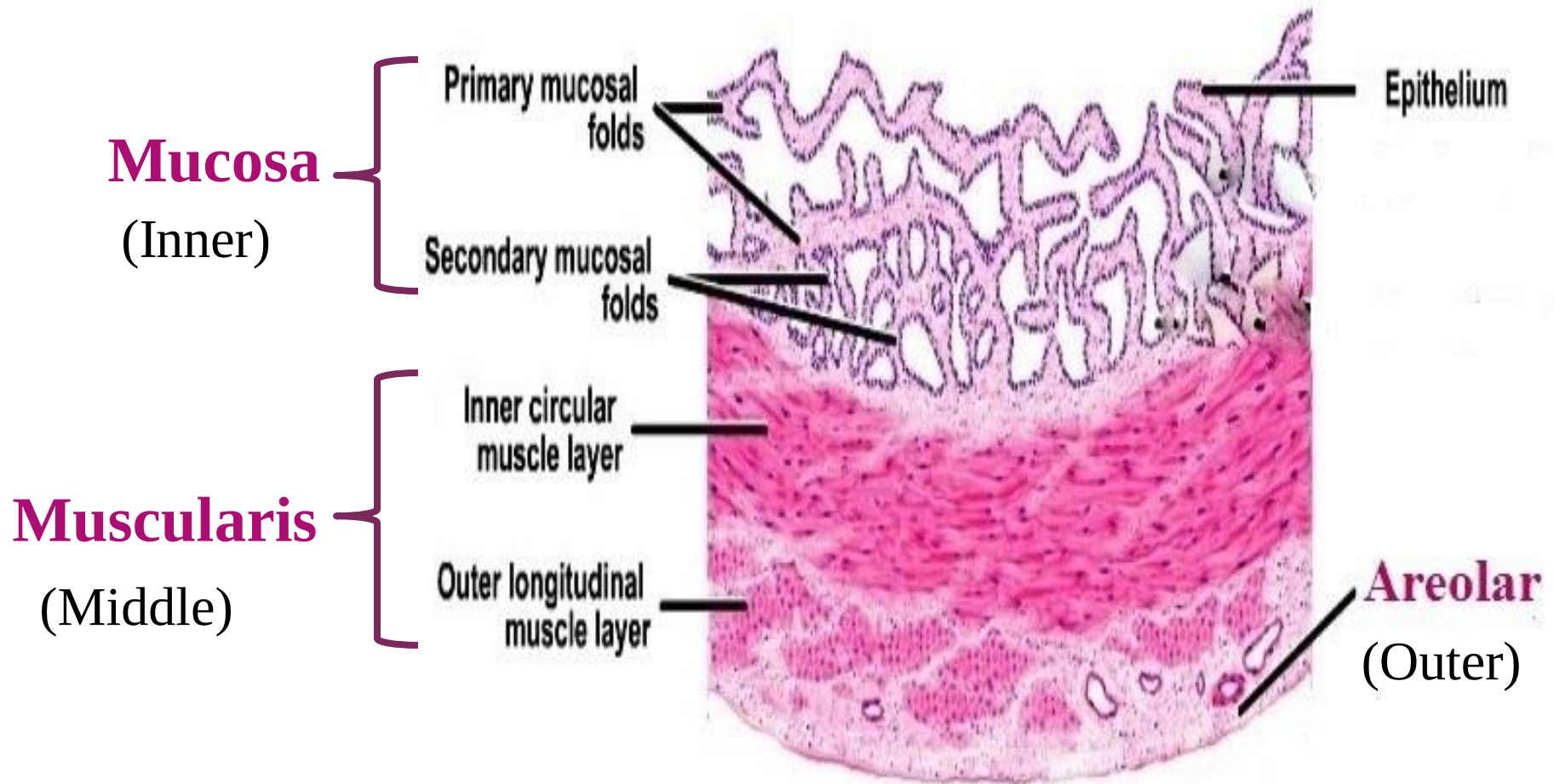
Structure

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

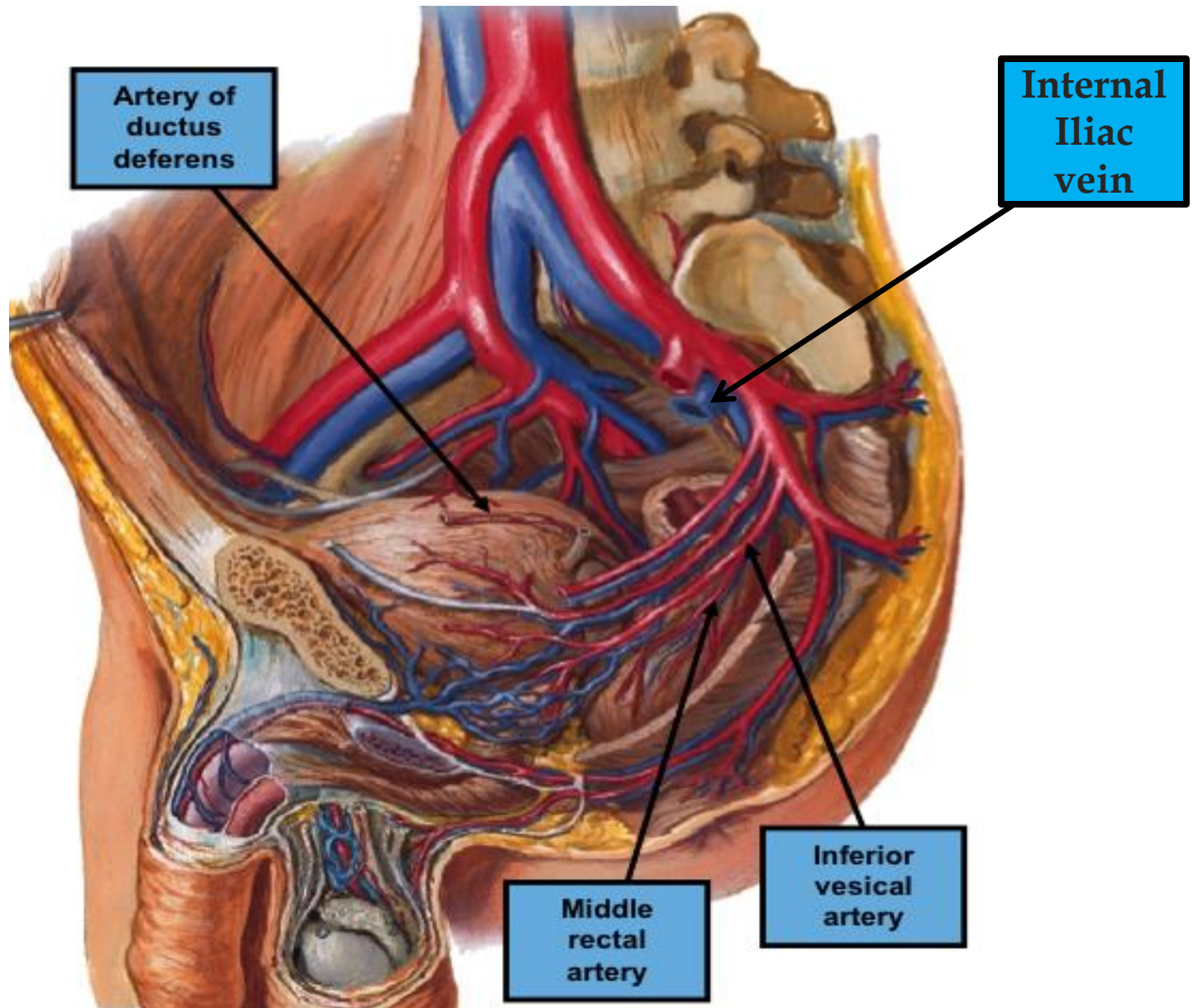


Seminal duct + Vas deferens = Ejaculatory duct

Histology

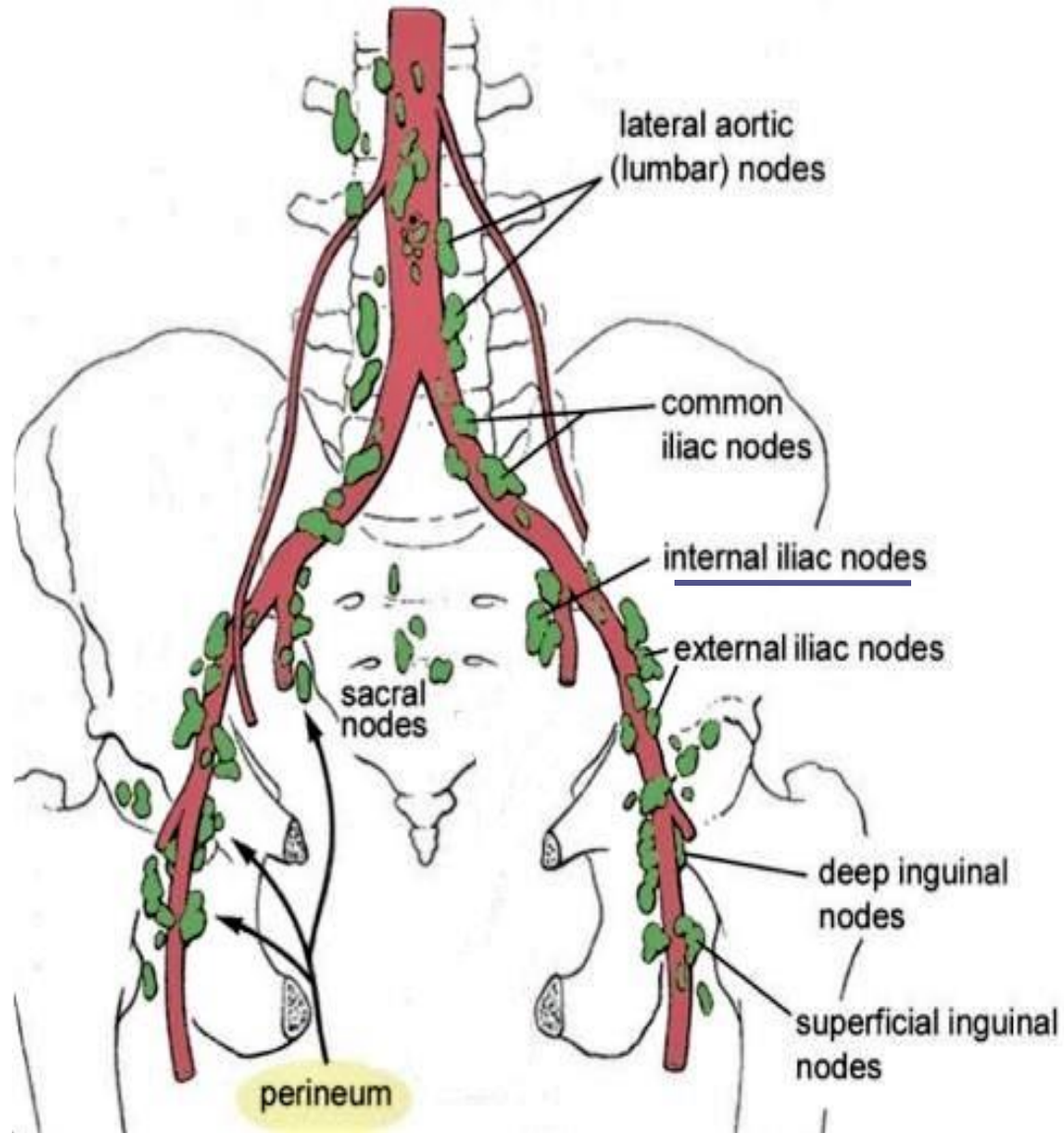


Blood Supply

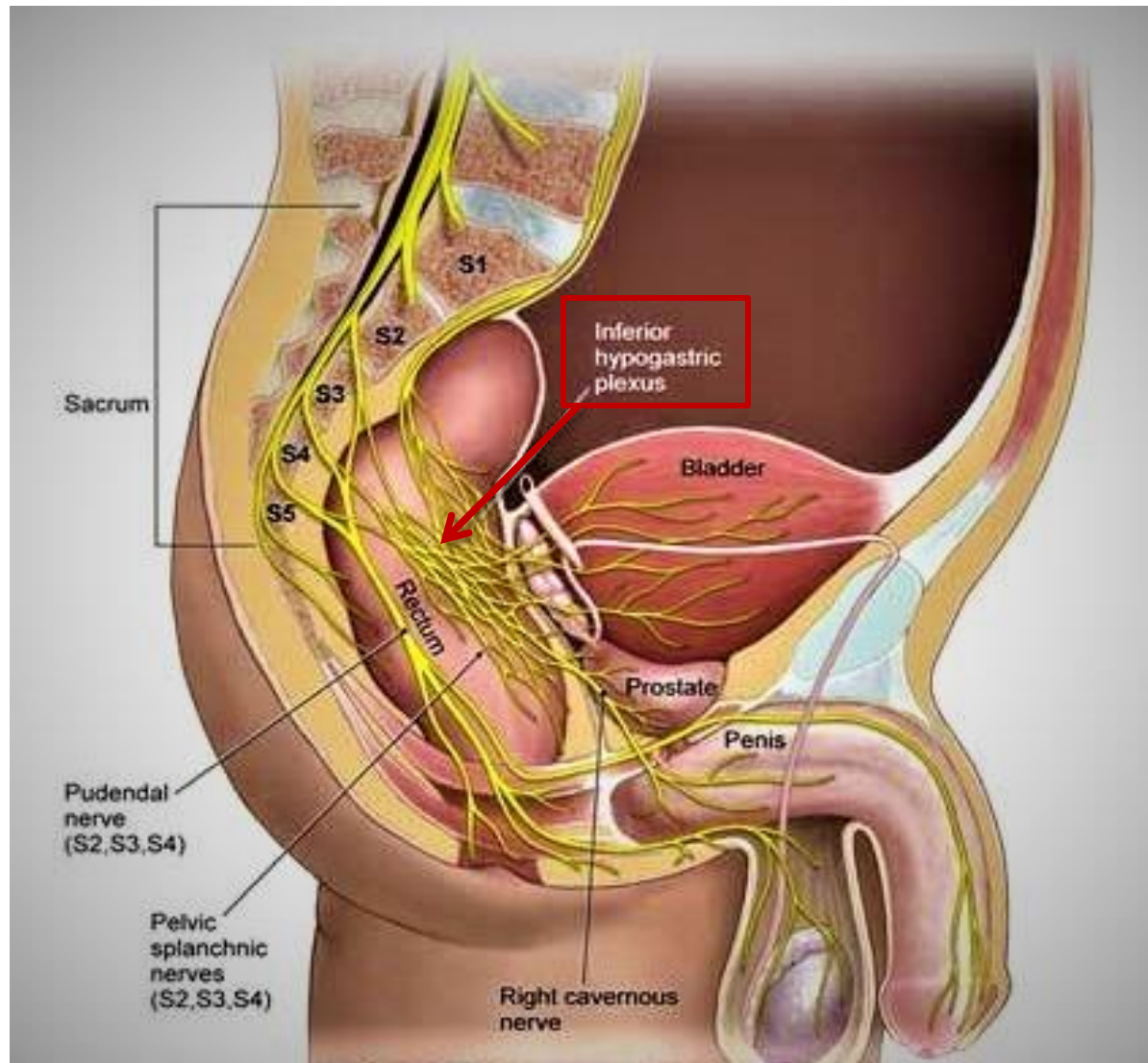


Lymphatic Drainage

Internal Iliac Nodes



Nerve Supply



Functions

Secretes sticky, yellow, alkaline fluid containing :

- Fructose
- Fibrinogen
- Prostaglandins
- Mucus

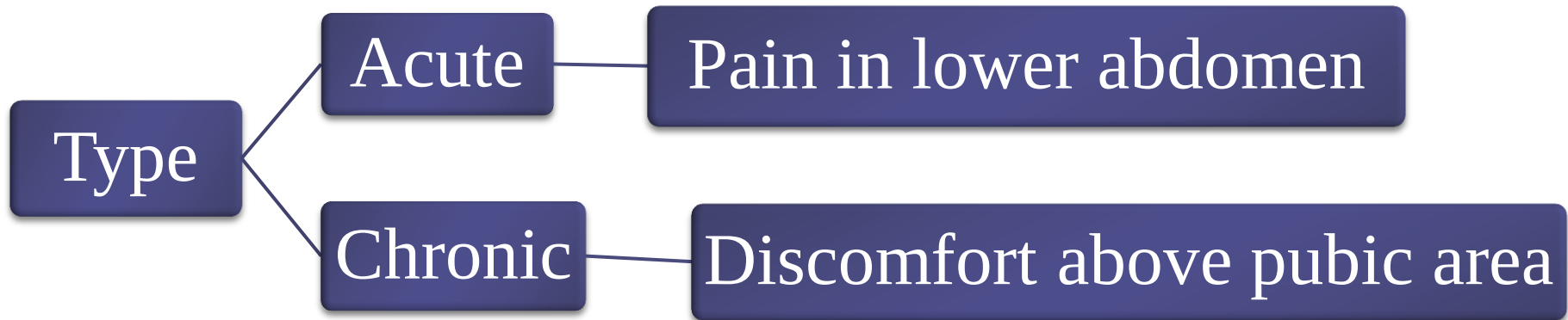
No role in sperm storage

Clinical Aspect

1. Seminal Vesiculitis

Causes : Bacterial infection

Spreading of inflammation from Testis & Prostate

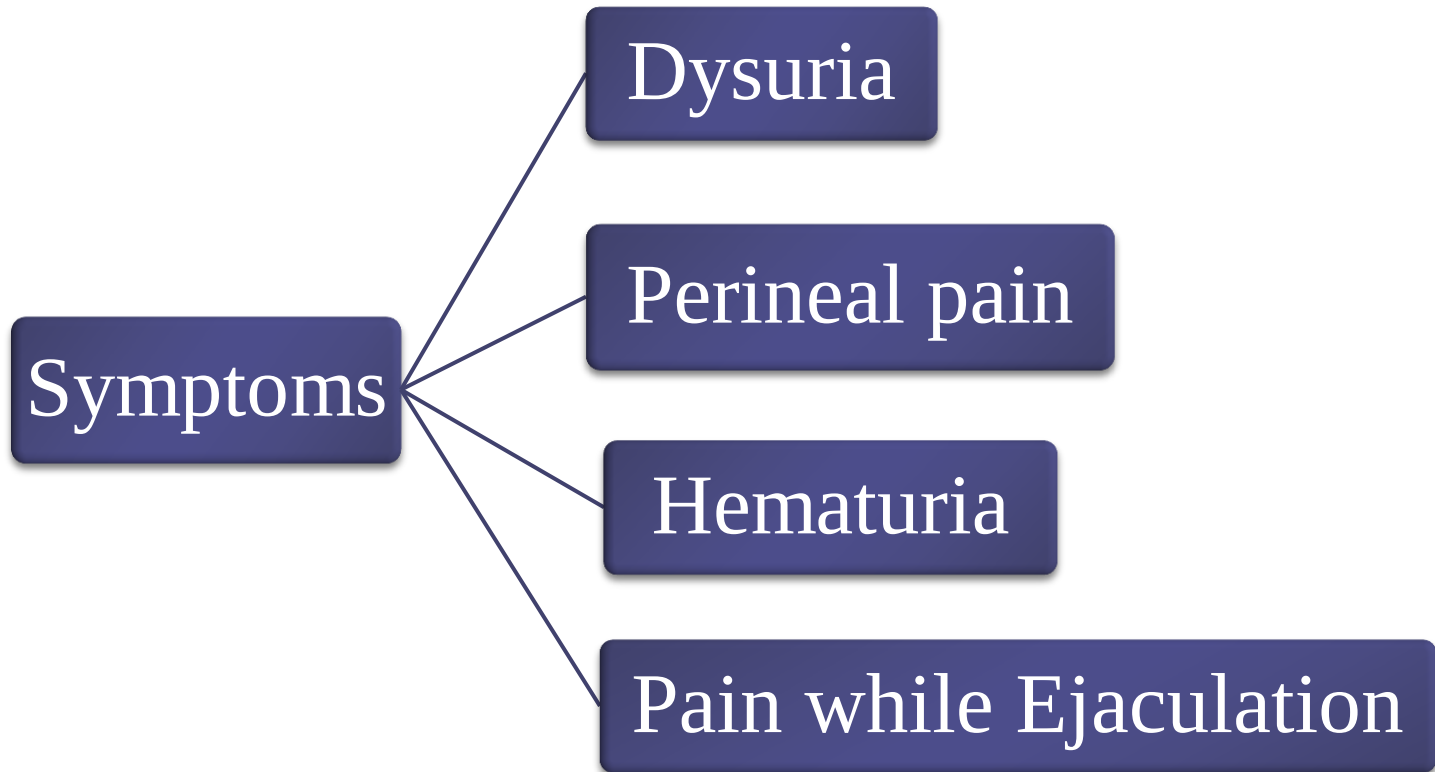


Common symptom - Haematospermia

2. Seminal Vesicle Cysts

Causes : Congenital

Prostatic Infection



Cysts are palpable superior to prostate

**THANK
YOU**

