

Anatomy & Physiology: Muscles—External Urethral Sphincter.

STRUCTURE.

- Origin: ischial and pubic rami.
- Insertion: median raphe in male and vaginal wall in female.

FUNCTION.

- Concentric action: aids in expelling last drops of urine and semen in male and urine in female.
- Isometric action:
- Innervation: sacral spinal nerve S4 and inferior rectal branch of pudendal nerve.
- Arterial supply: males, bulbourethral artery; females, internal pudendal artery from the internal iliac artery.

CLINICAL SIGNIFICANCE.

References

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