


# INNERVATION OF THE BLADDER



## sympathetic Storage




Hypogastric Nerve: L1,2,3. Stimulate mainly the blood vessels and have little to do with bladder contraction.

Hypogastric Nerve: Sensory nerve fibers of the sympathetic nerves also mediate the sensation of fullness and pain.

## Somatic: (AHCs of S 2,3,4)

Pudendal Nerve: afferent fibers that innervate and control the voluntary skeletal muscle of the sphincter

## Parasympathetic Passage



Pelvic nerve: motor efferent -LHCs of the S 2,3,4. Contraction of bladder

Pelvic nerve: sensory afferent, fibers detect the degree of stretch in the bladder wall