

Spinal Tracts

Tract	Column Location	Dessusitation location	Function
Ascending Tracts - Sensory			
Gracile fasciculus	posterior	medulla	below level T6: limb and trunk position sensations; deep touch; visceral pain; vibration
Cuneate fasciculus	posterior	medulla	level T6 and above: limb and trunk position sensations; deep touch; visceral pain; vibration
Spinothalamic	lateral and anterior	spinal cord	light touch, tickle, itch, temperature, pain, and pressure sensations
Spinoreticular	lateral and anterior	some fibers of the spinal cord	pain sensation from tissue injury
Posterior spinocerebellar	lateral	none	proprioception - feedback from muscles
Anterior spinocerebellar	lateral	spinal cord	proprioception - feedback from muscles
Descending Tracts - Motor			
Lateral corticospinal	lateral	medulla	fine limb control
Anterior corticospinal	anterior	spinal cord	fine limb control
Tectospinal	anterior	midbrain	head-turning reflex in response to visual and auditory stimuli
Lateral reticulospinal	lateral	none	posture and balance; awareness of pain regulation
Medial reticulospinal	anterior	none	posture and balance; awareness of pain regulation
Lateral vestibulospinal	anterior	none	posture and balance
Medial vestibulospinal	anterior	some fibers of the medulla	head position control

This table lists the major spinal tracts, indicates if they decussate, and provides a brief description of the types of information that they carry.