

*Fasciculus Gracilis: Transmits info from below T6 (lower parts of the body).

*Fasciculus Cuneatus: Transmits info from above T6 (upper parts of the body).

The gray matter of the spinal cord is organized into laminae I-X, each playing a distinct role in sensory and motor

* Fast and precise system due to (A alpha) and (A beta) fibers.

*In the posterior WC-ML pathway, the fibers from the lower part is most medial, and the fibers from the upper part is most lateral.

The cortex divided into functional areas by numbers: The region (postcentral gyrus) is subdivided by types of receptors into four distinct areas: from anterior to posterior, Brodmann areas 3a, 3b, 1, and 2. Area 3a: Muscle spindle afferents (mainly). Area 2: Golgi tendon organs and joint afferents (mainly). Areas 3b and 1: They receive cutaneous afferents from receptors such as Meissner corpuscles and Merkel cells. Also, they receive input from cutaneous receptors that transmit pain and temperature.



processing.

