

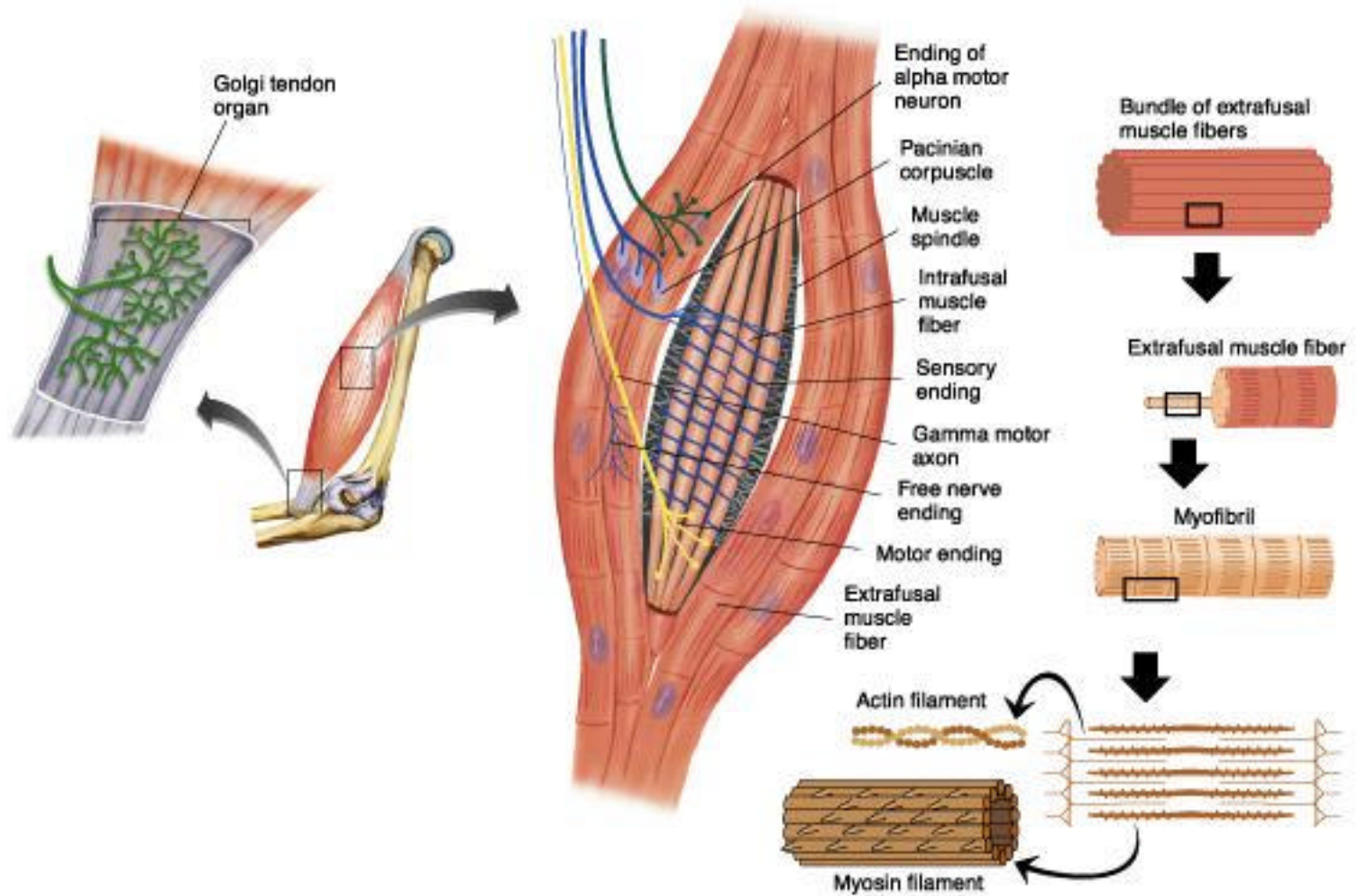
A L L Y N A N D B A C O N



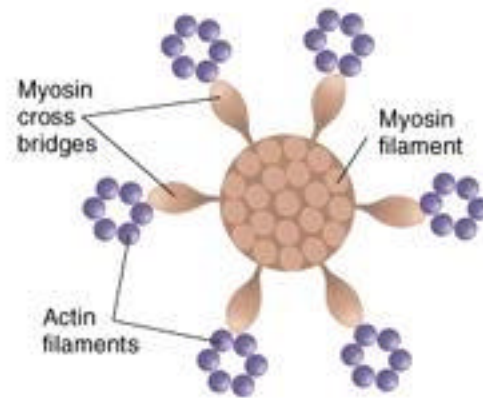
for Physiology of Behavior
by Neil R. Carlson Seventh Edition

CHAPTER 8
Control of Movement

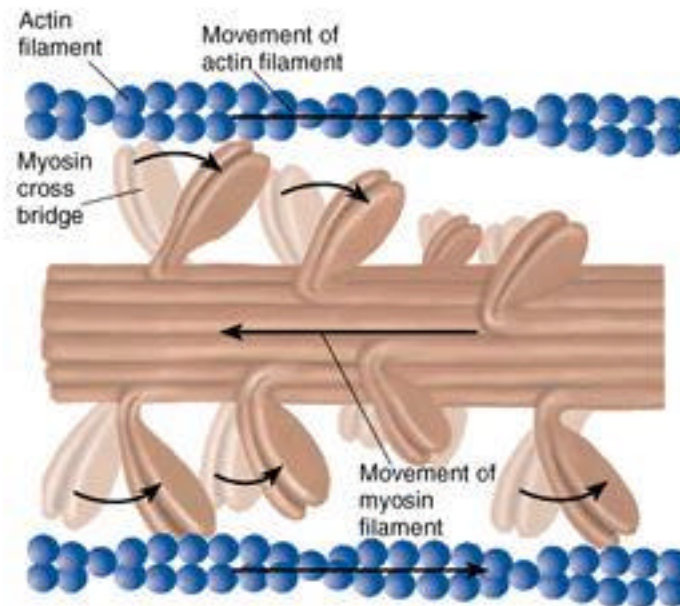
► Anatomy of Skeletal Muscle



► The Mechanism by Which Muscles Contract

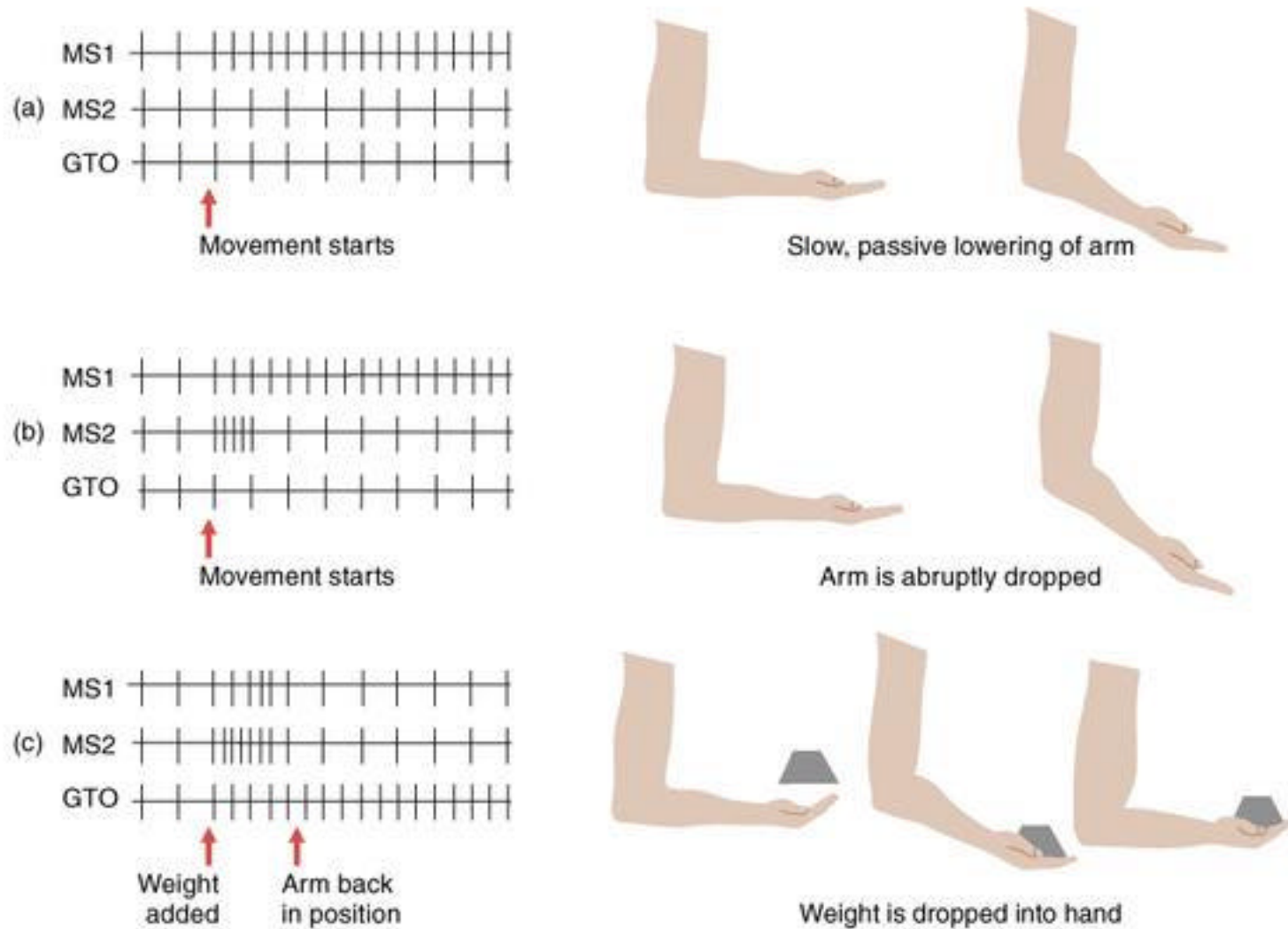


(a)

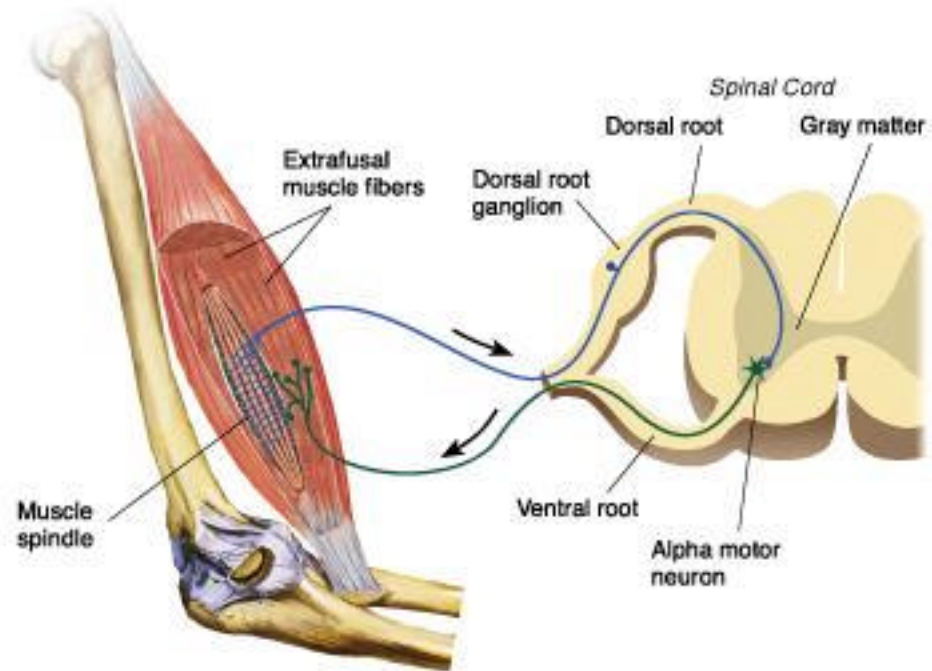


(b)

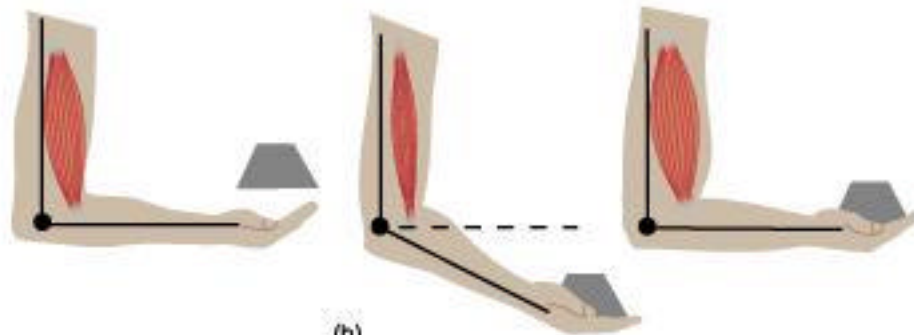
► **Effects of Arm Movements on the Firing of Muscle and Tendon Afferent Axons**



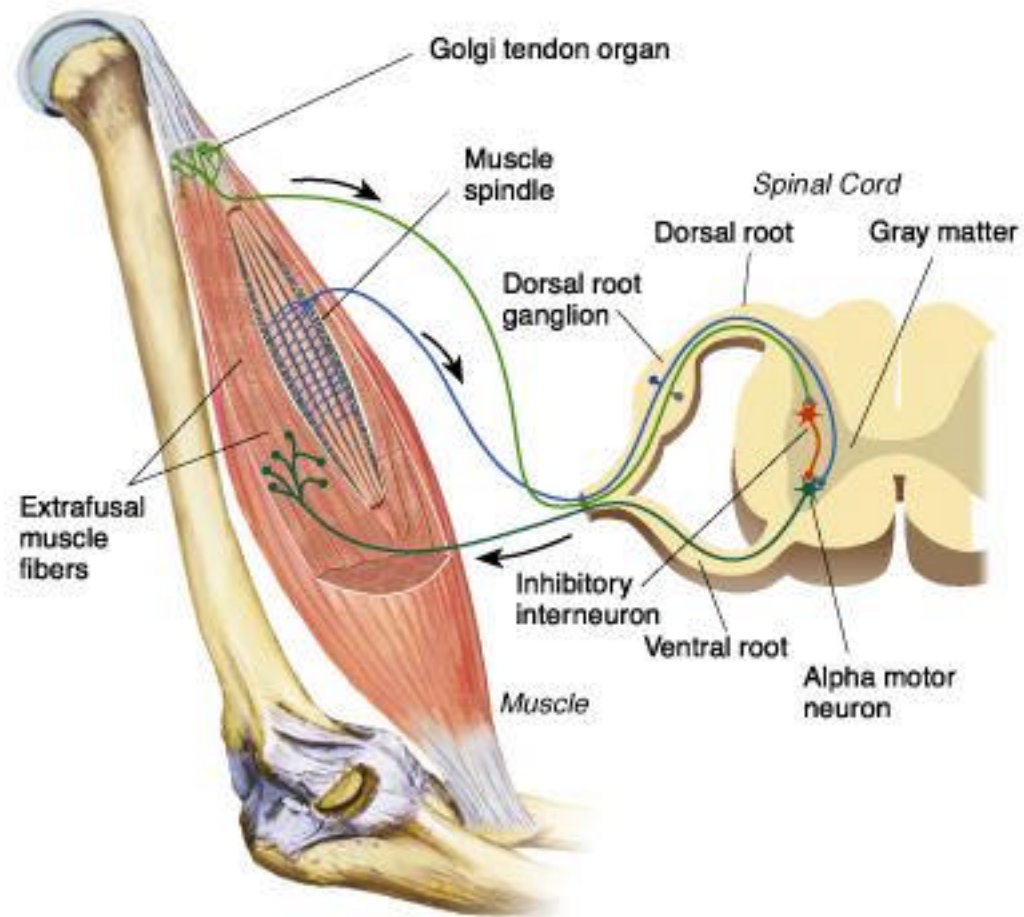
► **The Monosynaptic Stretch Reflex**



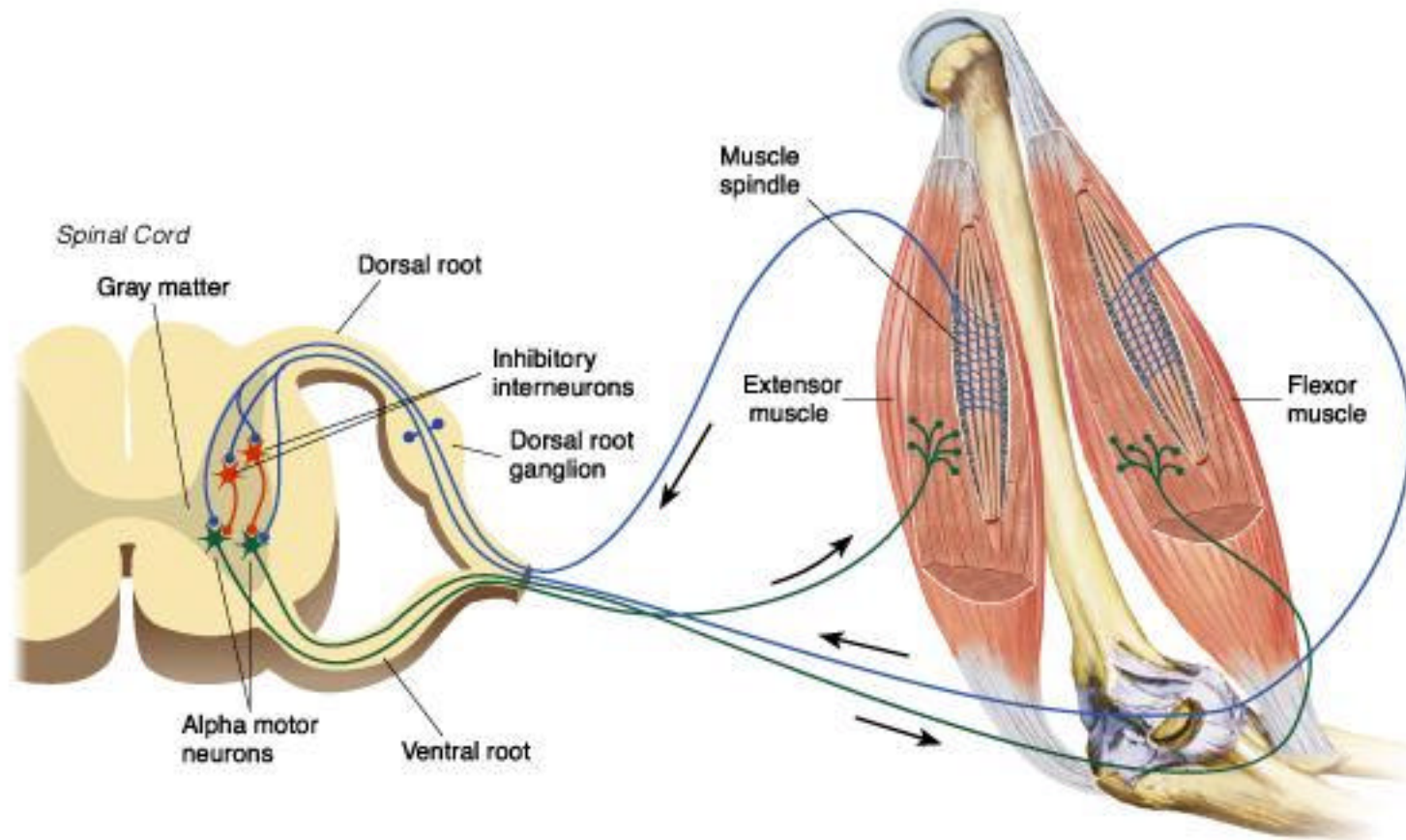
(a)



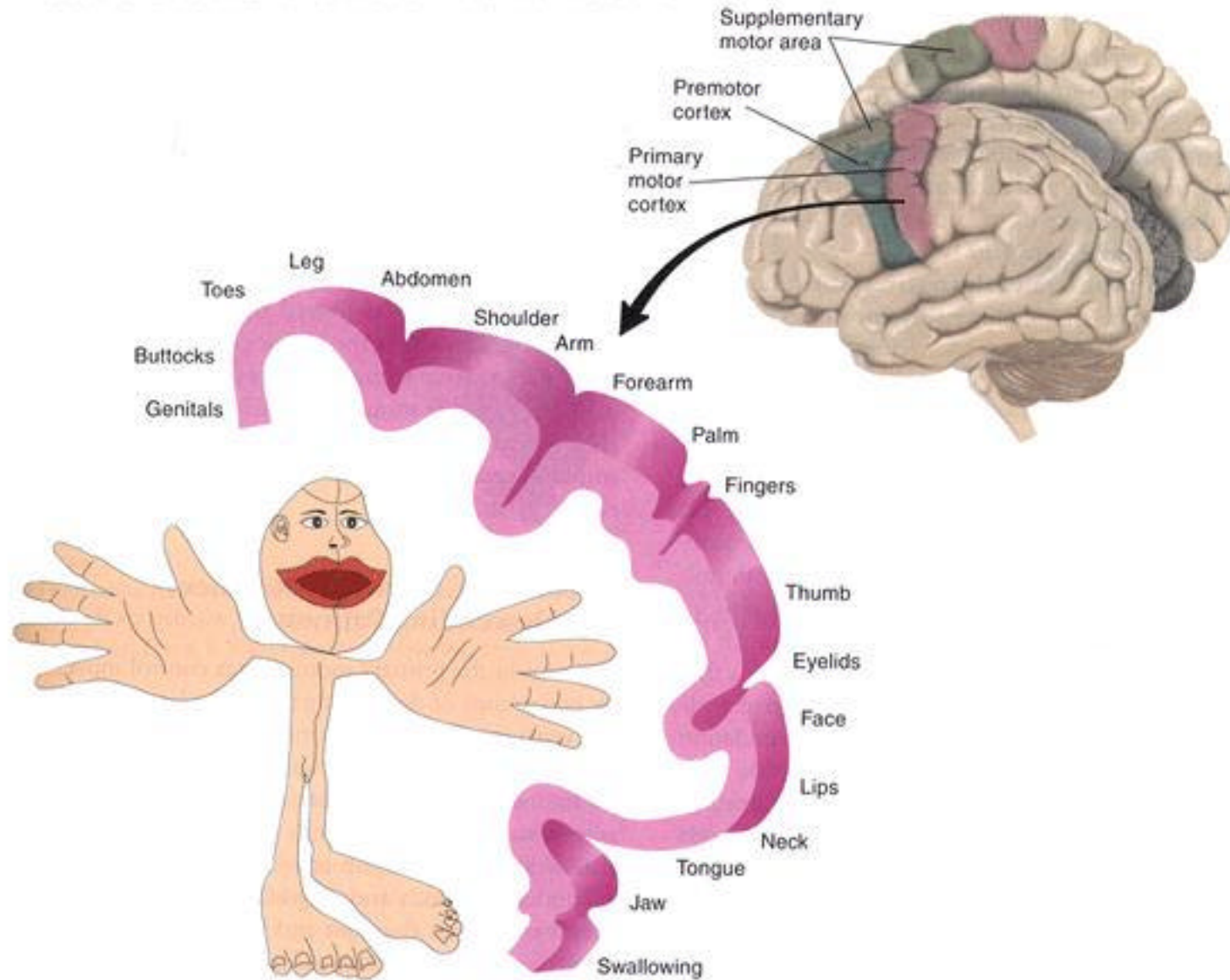
► Polysynaptic Inhibitory Reflex



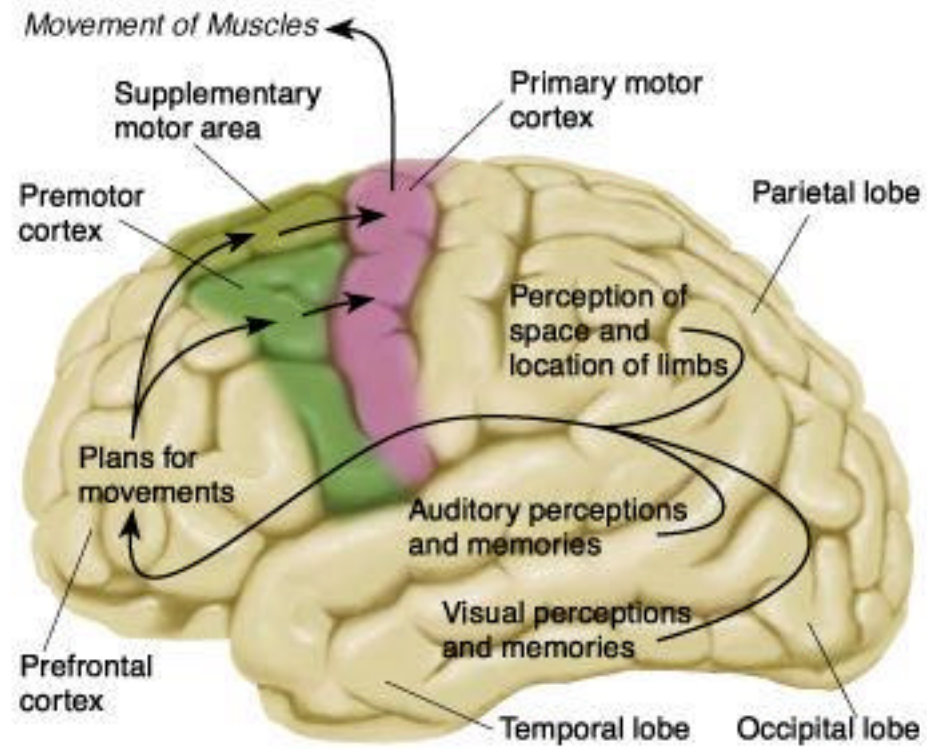
► **Secondary Reflexes**



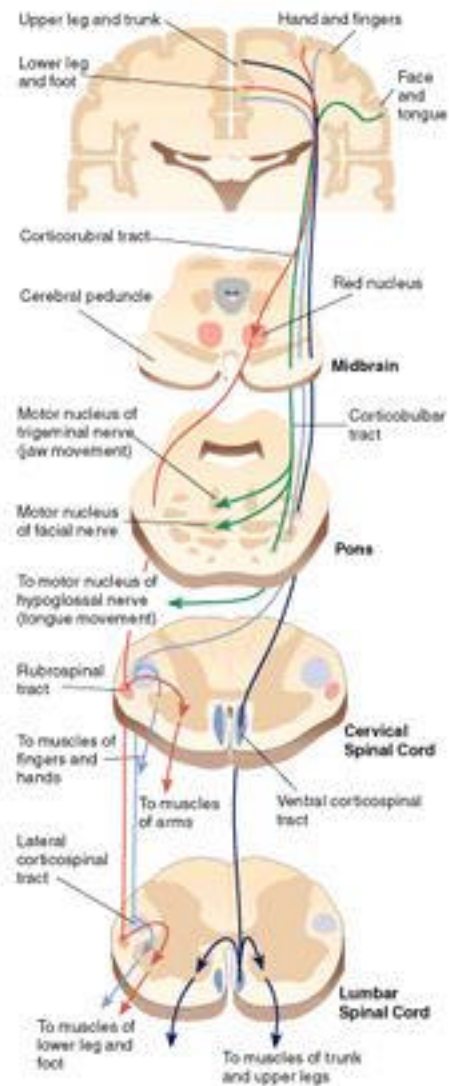
► **Motor Cortex and a Motor Homunculus**



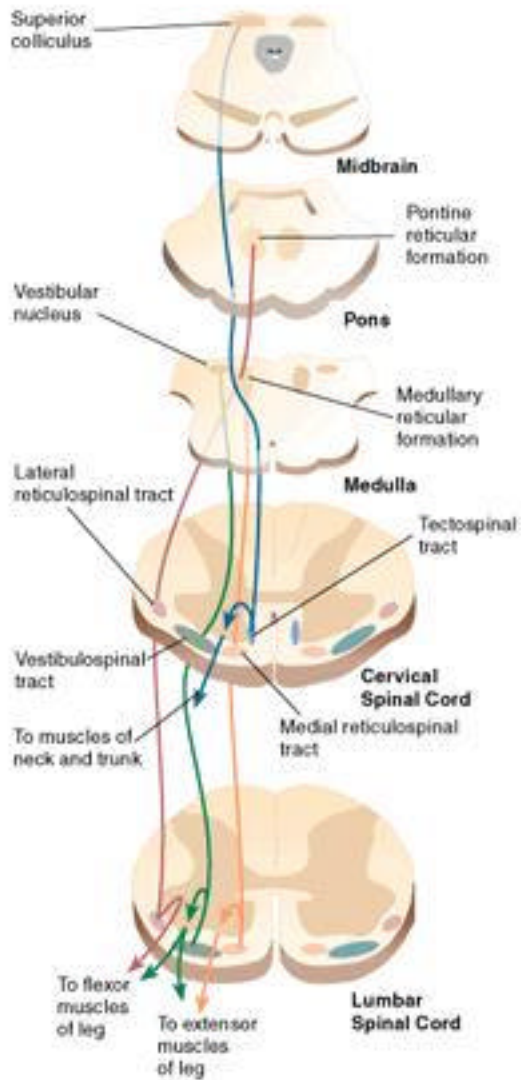
► Cortical Control of Movement



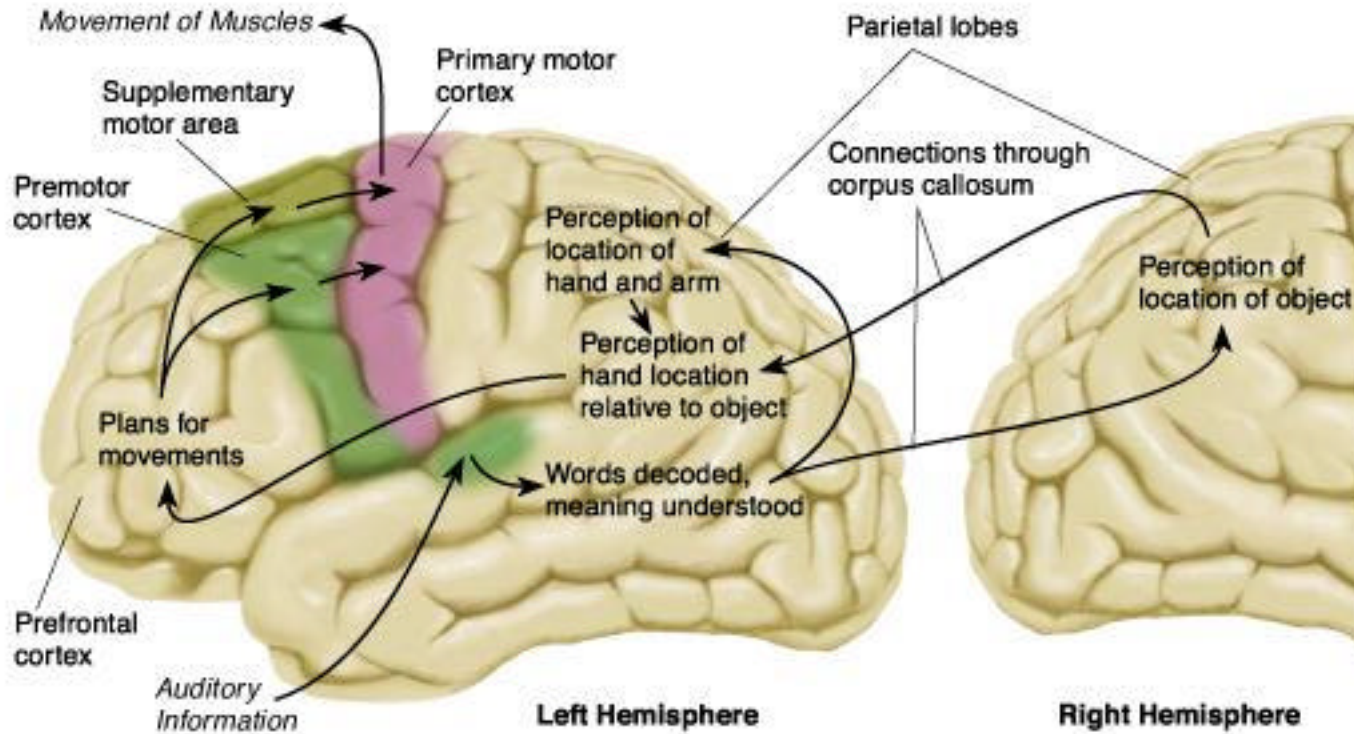
► The Lateral Group of Descending Motor Tracts



► The Ventromedial Group of Descending Motor Tracts



► The "Command Apparatus" of the Left Parietal Lobe



► The Basal Ganglia

