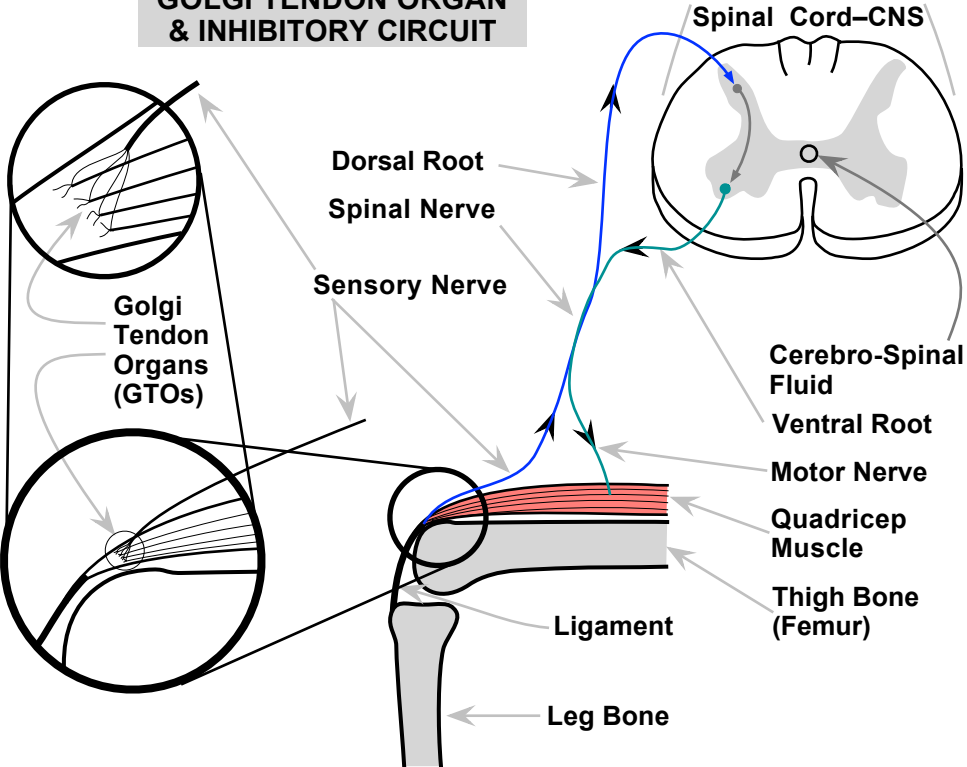


GOLGI TENDON ORGAN & INHIBITORY CIRCUIT



Golgi Tendon Organs, stimulated by increased tension of muscle fibers (red), sends nerve signal via sensory nerve (blue) to CNS where signal is converted to an INHIBITION of motor nerve (green), turning nerve TONUS to muscle belly OFF.