

# NEUROANATOMY OF CONSCIOUS PROPRIOCEPTION

FIRST  
ORDER  
NEURONS

1 Golgi tendon organs

2 Neuromuscular spindles

3 Afferent information is then conveyed through the median nerve in this example

4 ...to the dorsal horn of the spinal cord (levels C5-T1) and ascends the spinal cord ipsilaterally through the dorsal column

5 It decussates in the brainstem...

6 and courses to the thalamus...

7 finally reaching the primary somatosensory cortex

SECOND  
ORDER  
NEURONS

SECOND  
ORDER  
NEURONS

# NEUROANATOMY OF CONSCIOUS PROPRIOCEPTION

CONSCIOUS PROPRIOCEPTION (STATIC LIMB POSITION + KINAESTHESIA) TRAVELS THROUGH THE DORSAL COLUMN PATHWAY

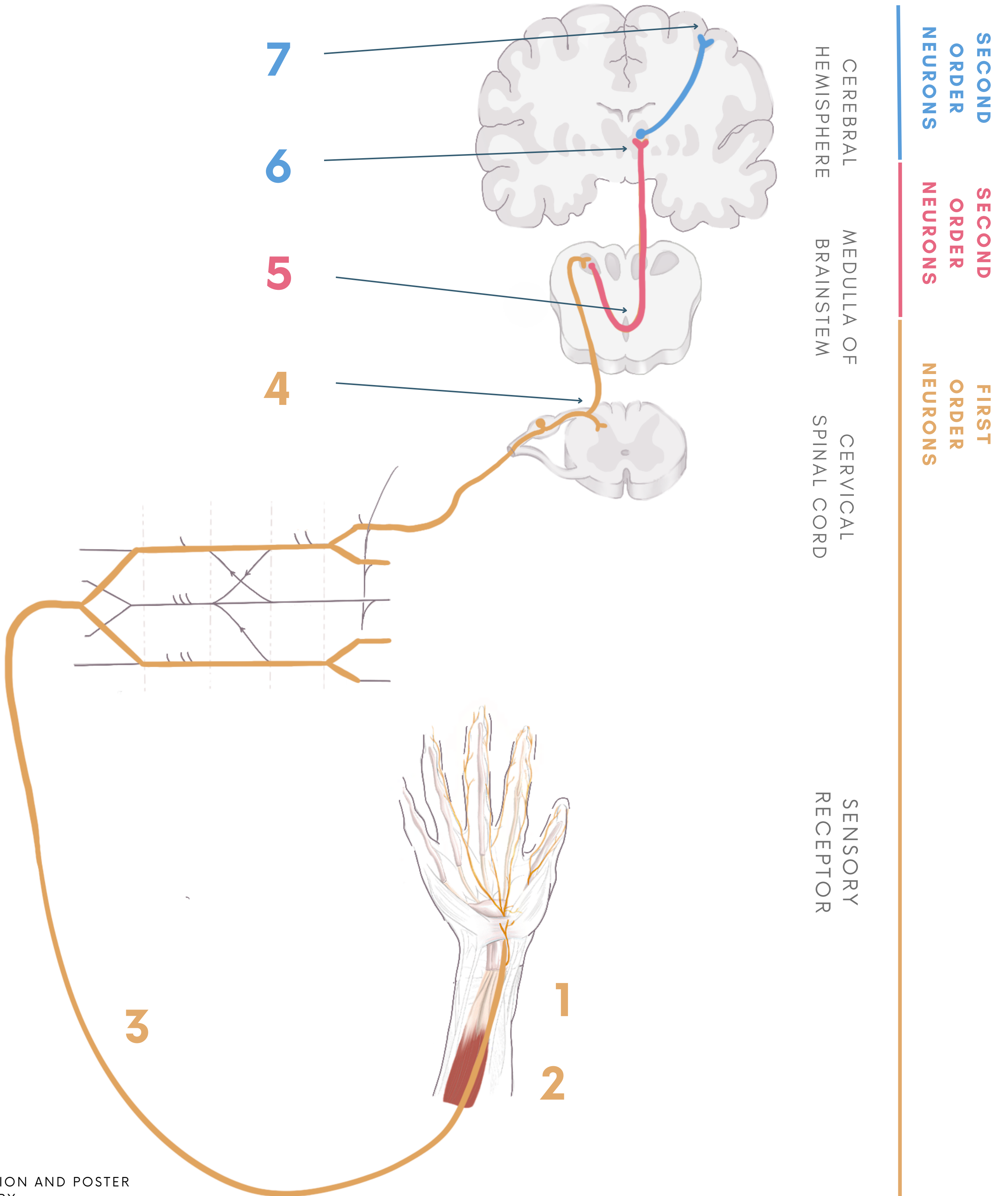


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