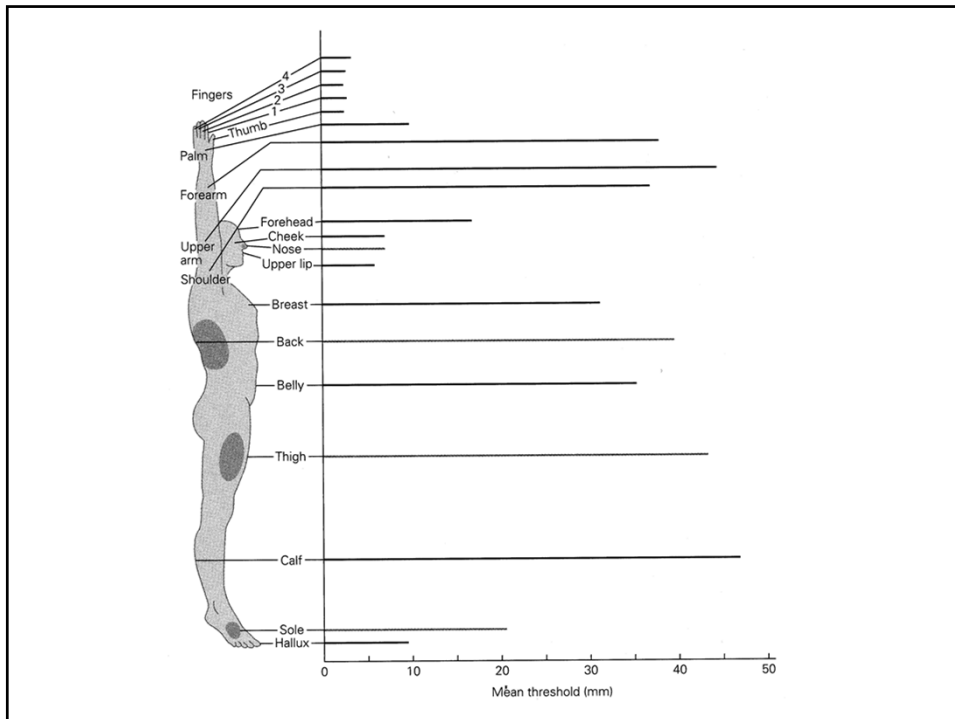
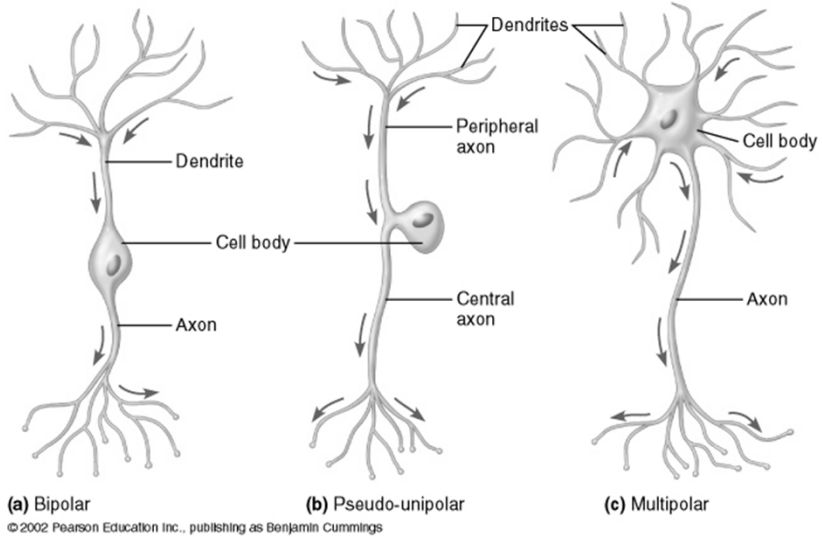
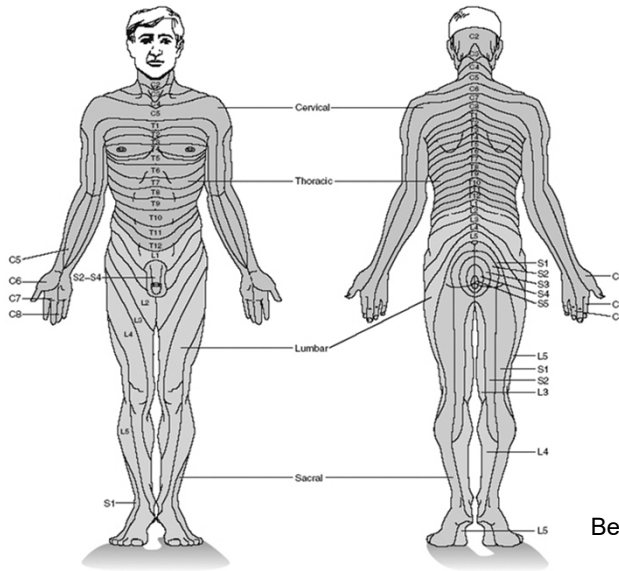


Some structural classes of neurons

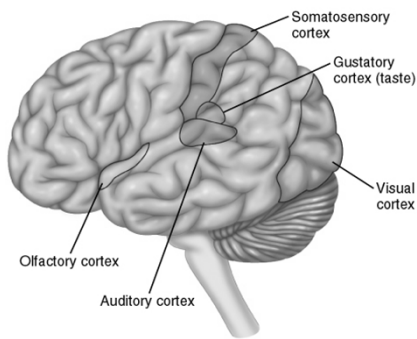


Dermatomes

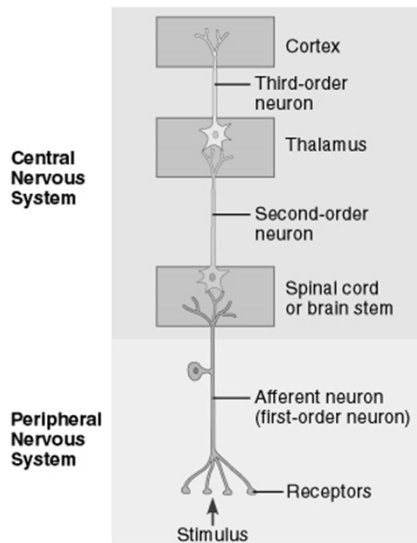


Bear 12-11

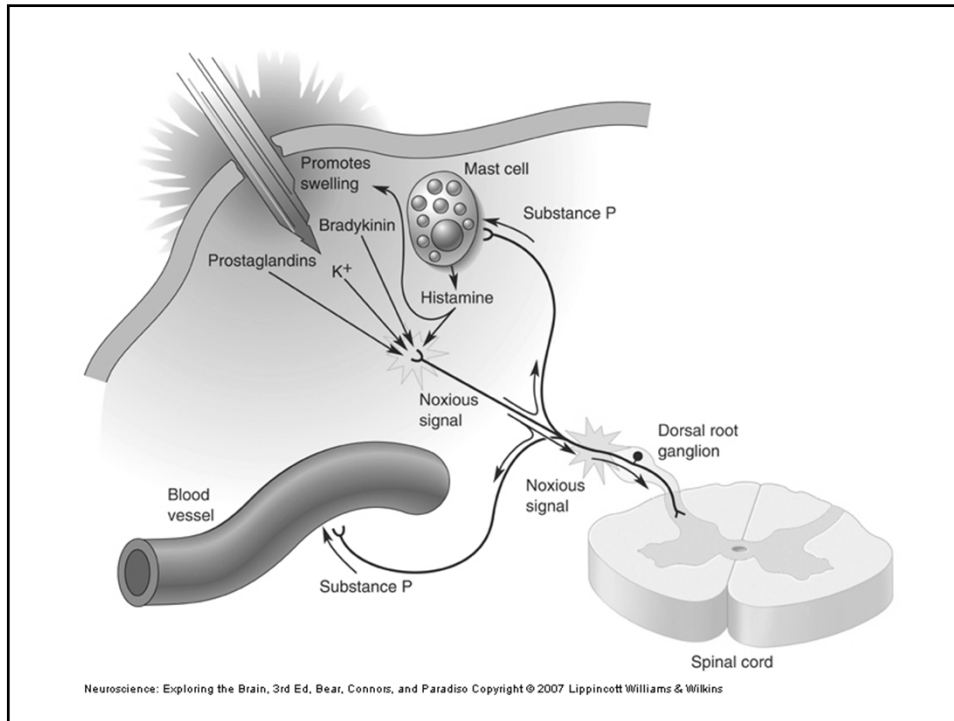
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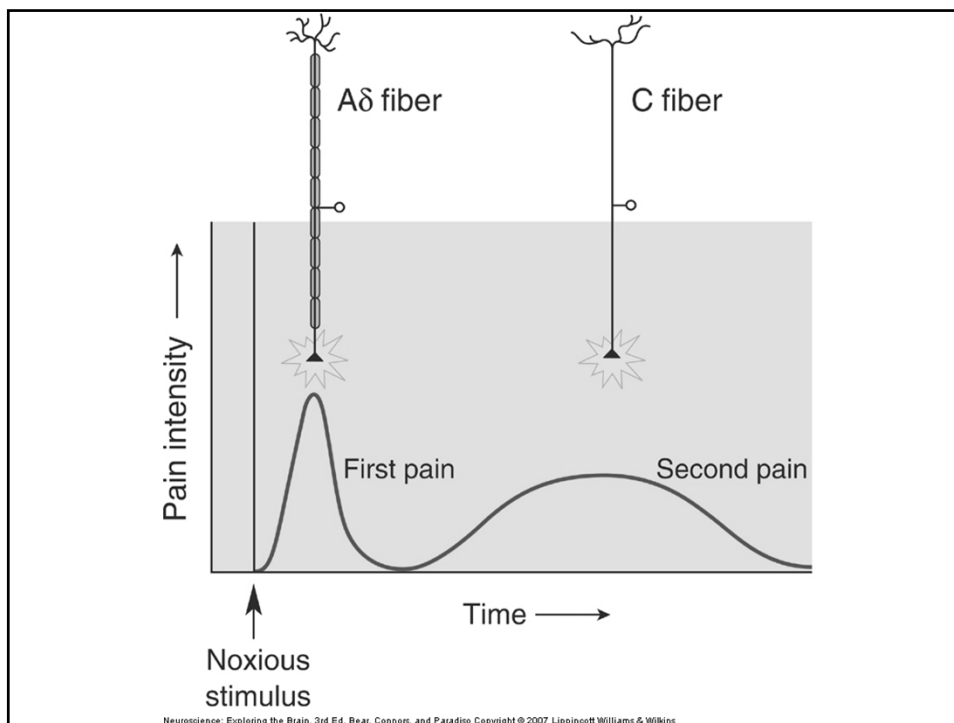
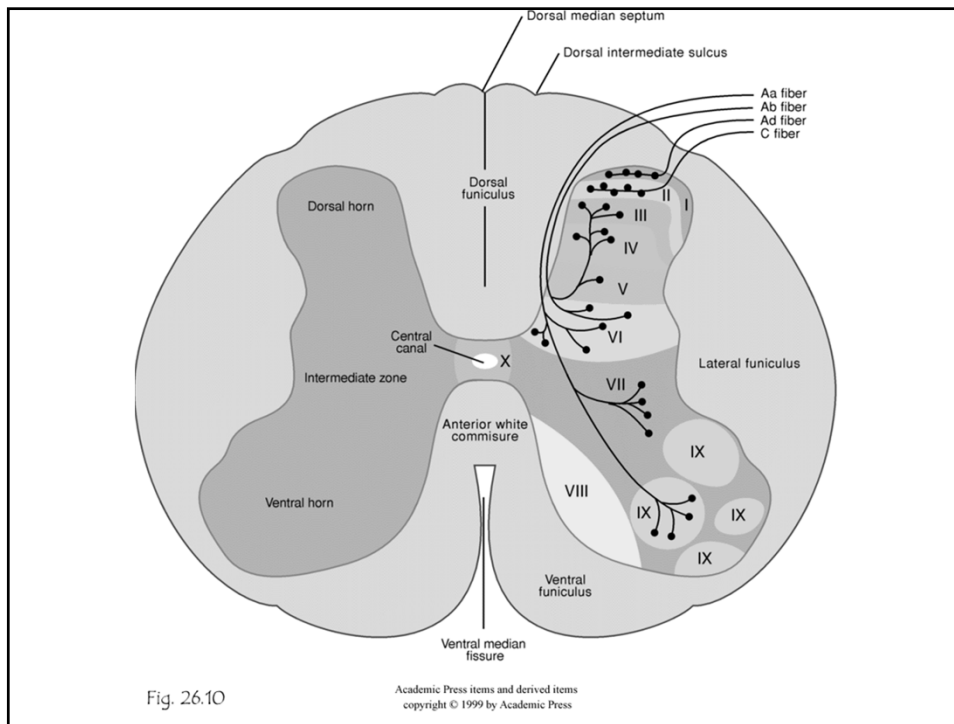
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Categorizing Afferent neurons by size

	A α	A β	A δ	C
Axons from skin				
Axons from muscles	Group I	II	III	IV
Diameter (μm)	13–20	6–12	1–5	0.2–1.5
Speed (m/sec)	80–120	35–75	5–30	0.5–2
Sensory receptors	Proprioceptors of skeletal muscle	Mechanoreceptors of skin	Pain, temperature	Temperature, pain, itch

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Substance P Immunohistochemistry

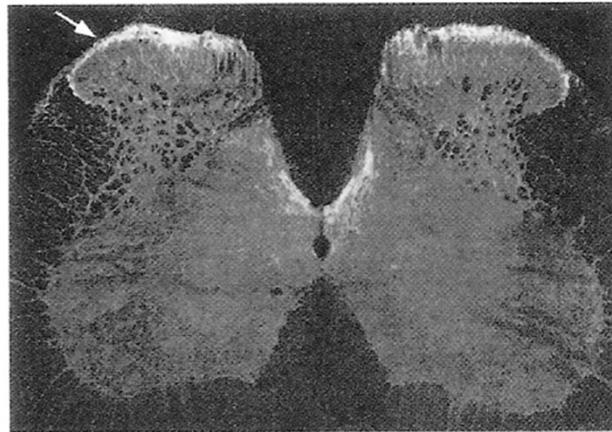
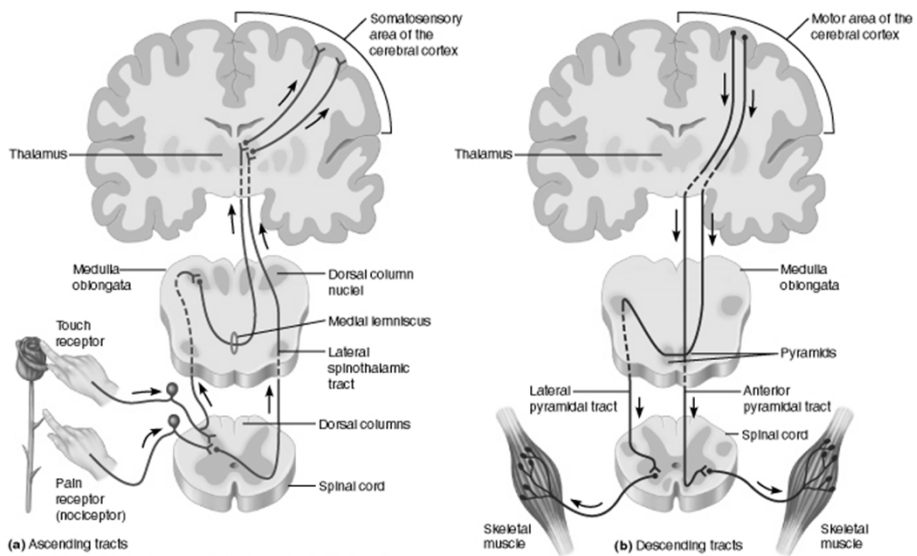
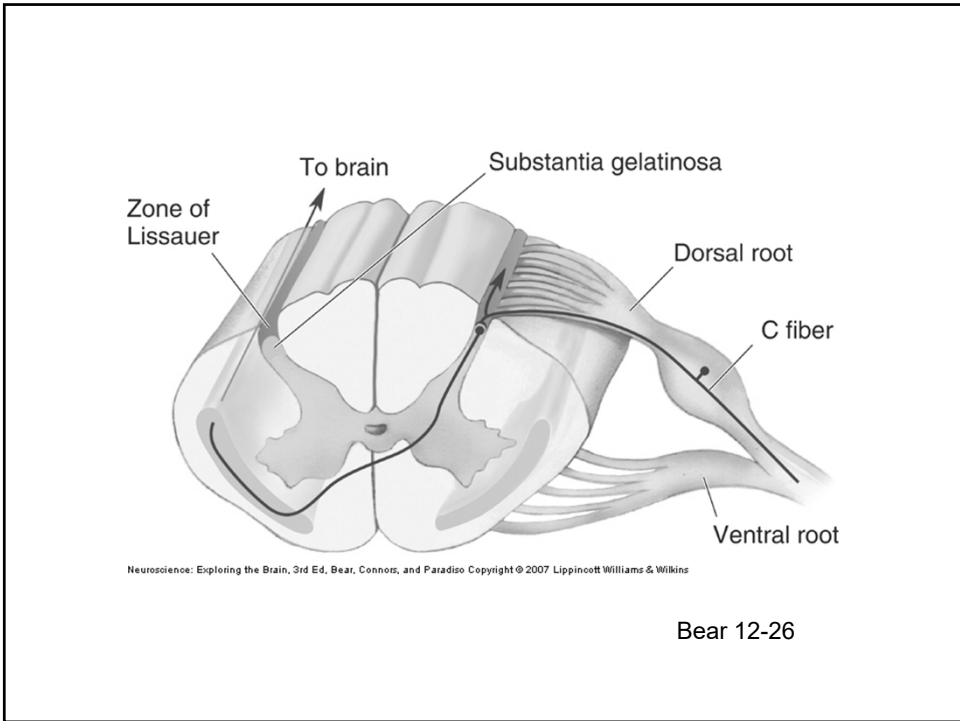
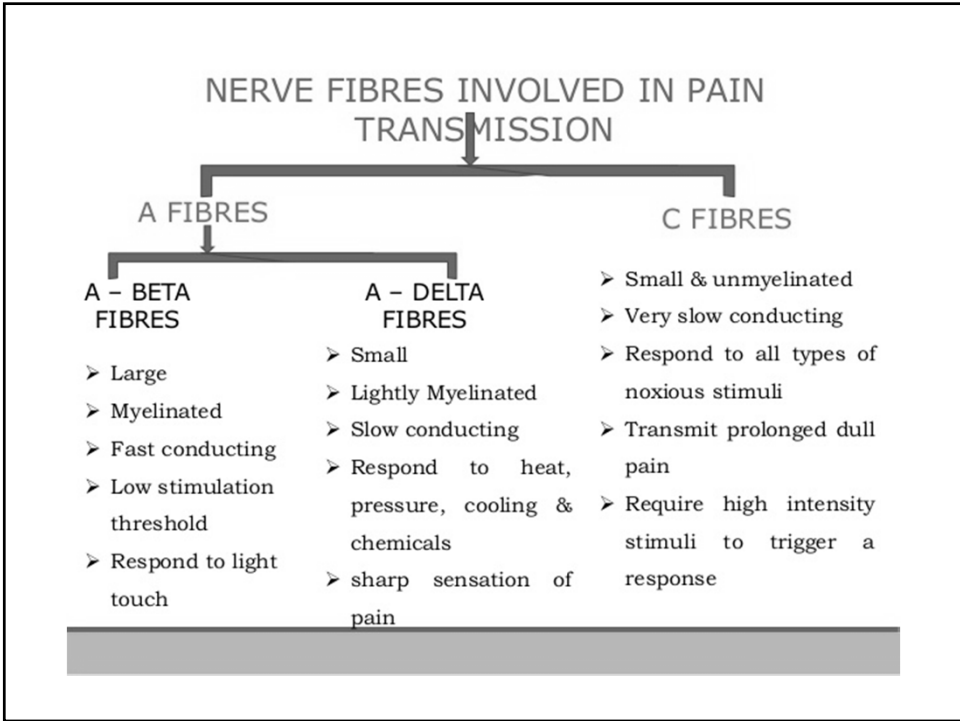
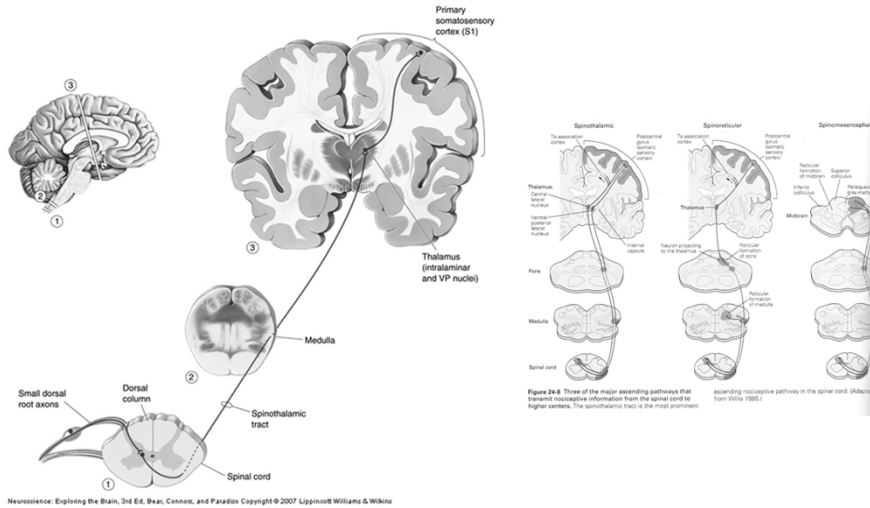


FIGURE 10-07

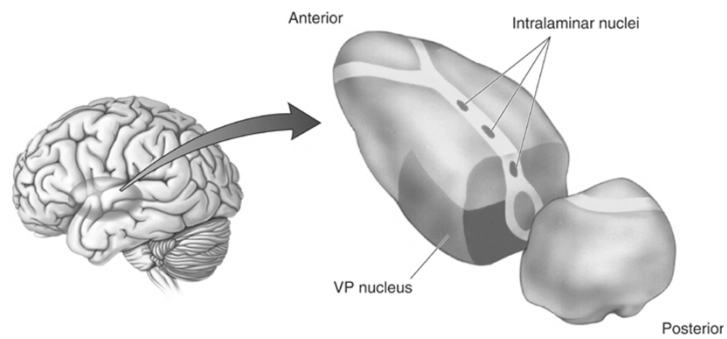


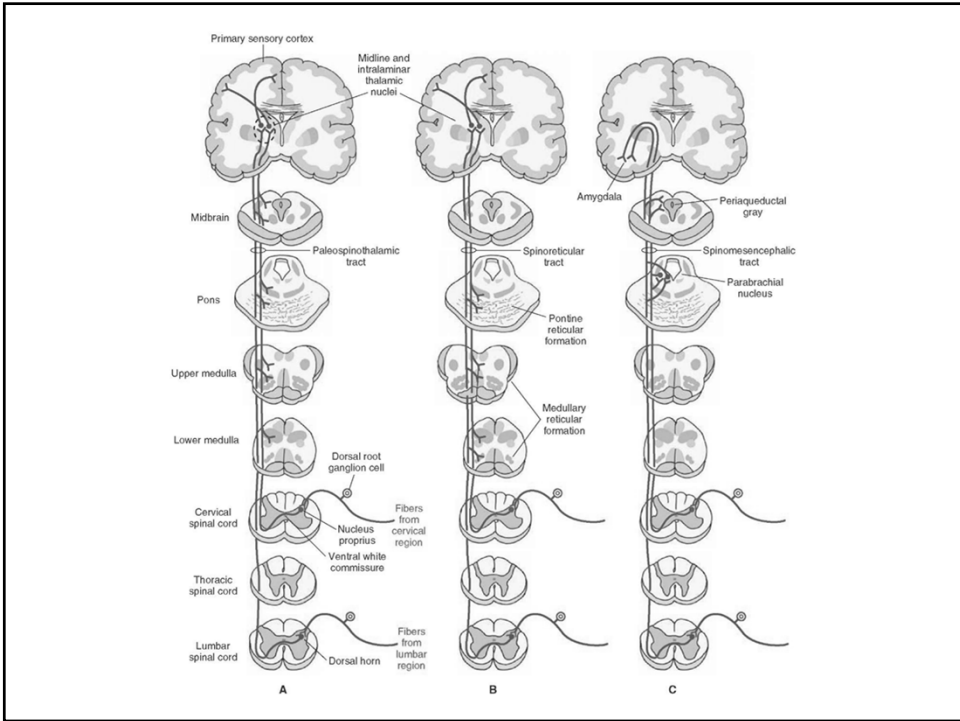


Nociceptive Pathways

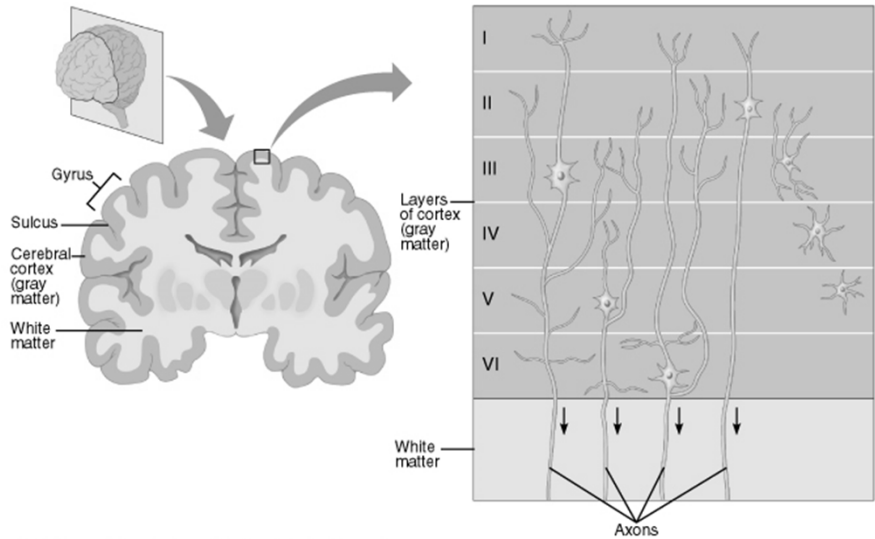


Thalamus

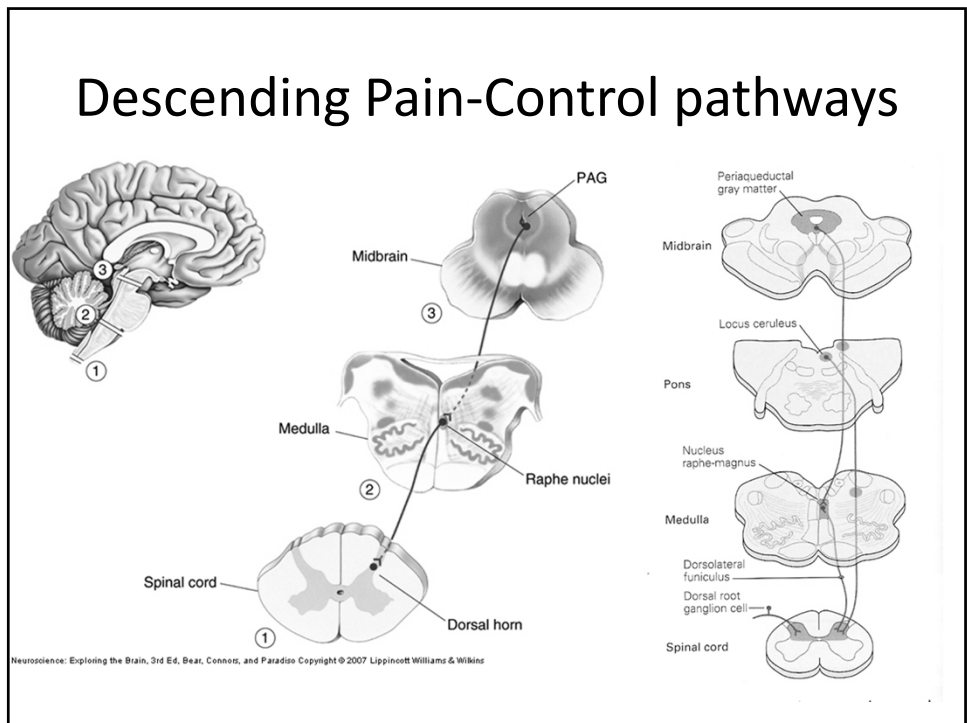
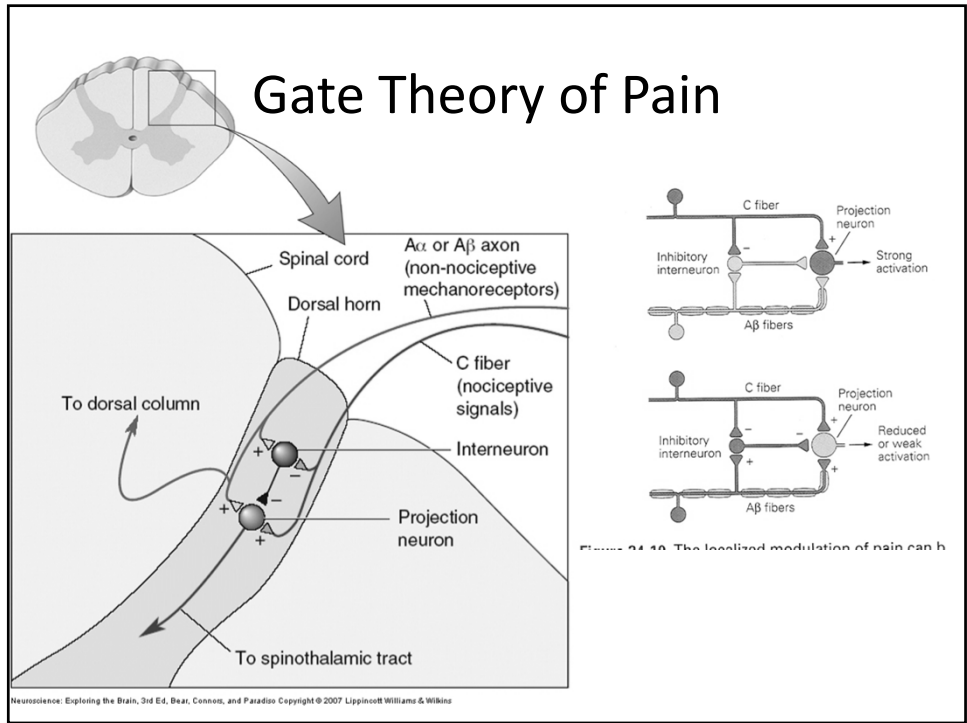


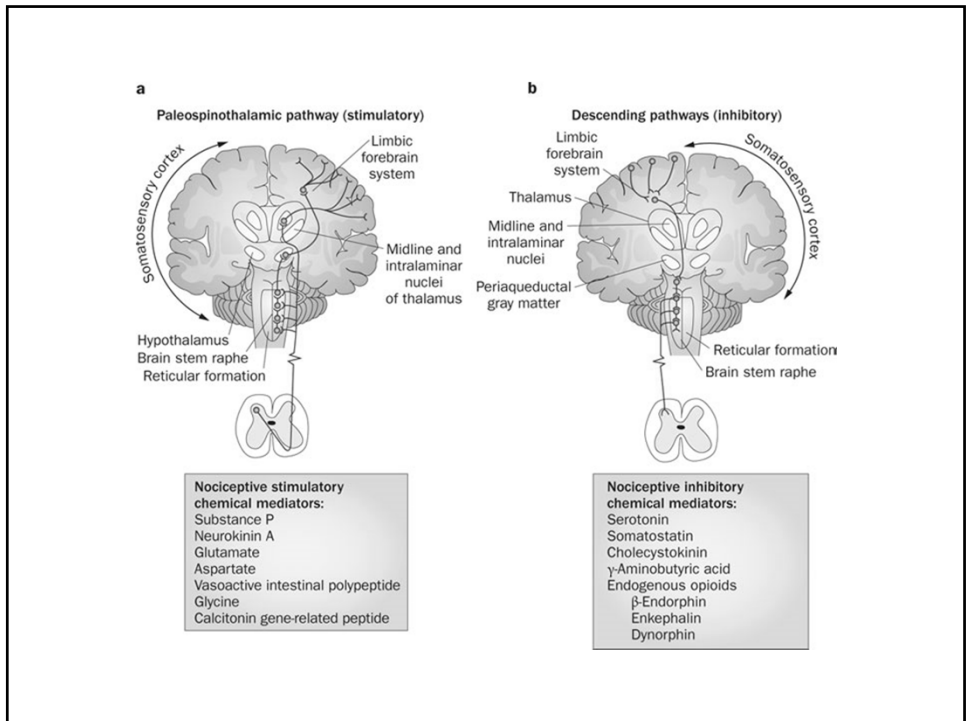
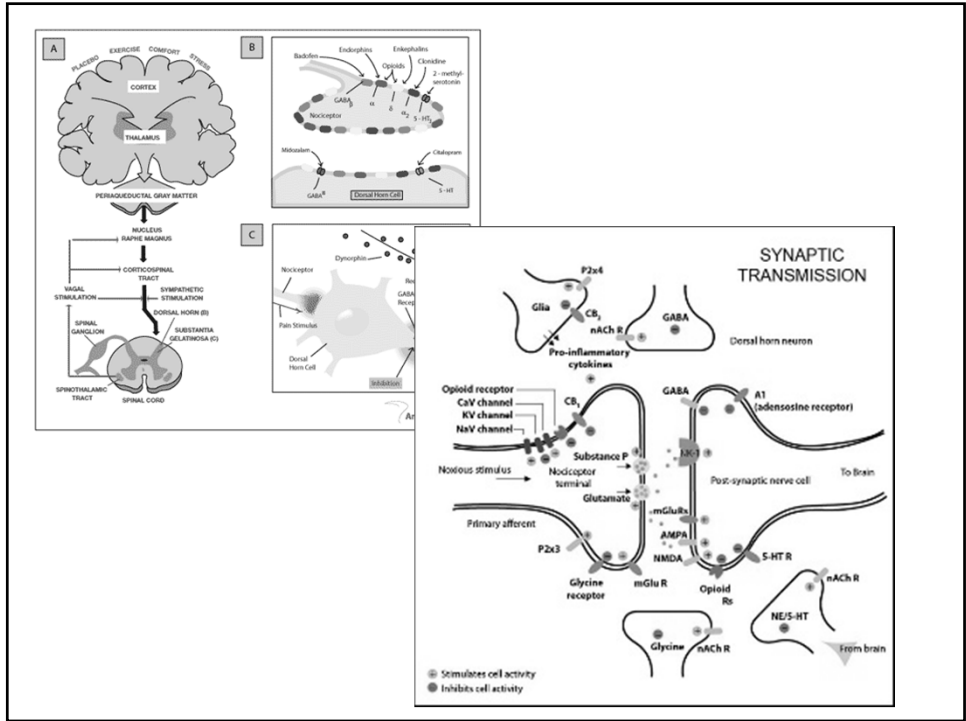


Organization of the Cerebral Cortex tissue

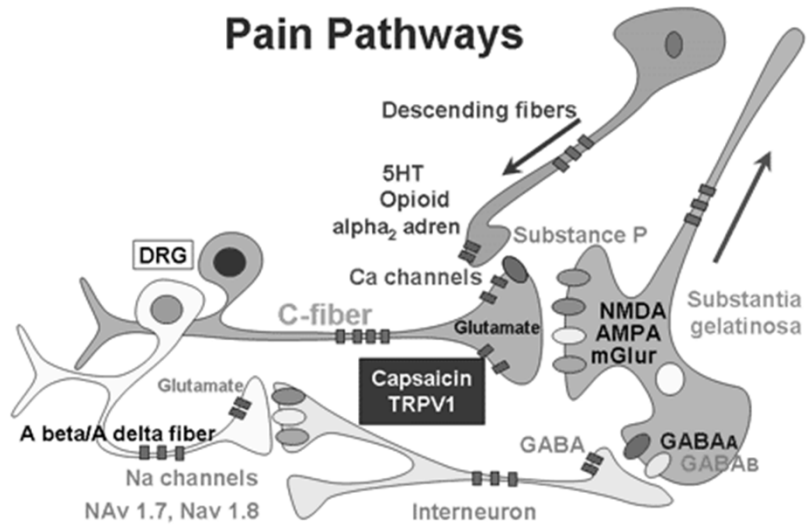


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Pain Pathways



Vinik AI, et al. *Nat Clin Pract Endocrinol Metab.* 2006;2:269-281.

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