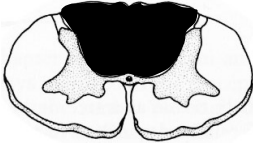
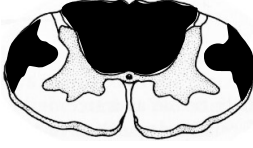
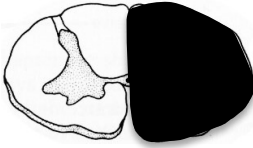
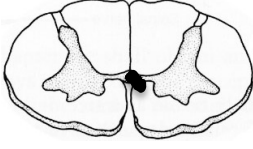


Spinal Cord Syndromes

SYNDROME	AREA AFFECTED	SPINAL CORD	SENSORY SYMPTOMS
Tabes Dorsalis	Posterior root large fibers, Dorsal columns		Loss of tactile sense, proprioception; + Romberg
Vitamin B12 deficit	Posterior root large fibers, Dorsal columns, (lateral corticospinal tract, spinocerebellar tr)		Loss of tactile sense, proprioception; + Romberg; (limb weakness, ataxia)
Brown-Sequard	½ spinal cord lesion		Loss of tactile sense on same side, loss of P/T opposite side; (weakness on same side of body)
Syringomyelia	Central canal, ventral white commissure		Suspended sensory loss of P/T bilaterally around level of lesion; normal sensation above and below lesion

Sensory symptoms are emphasized here as we cover their pathways. However, some of these syndromes also affect structures of the motor system and their symptoms are shown in parentheses.