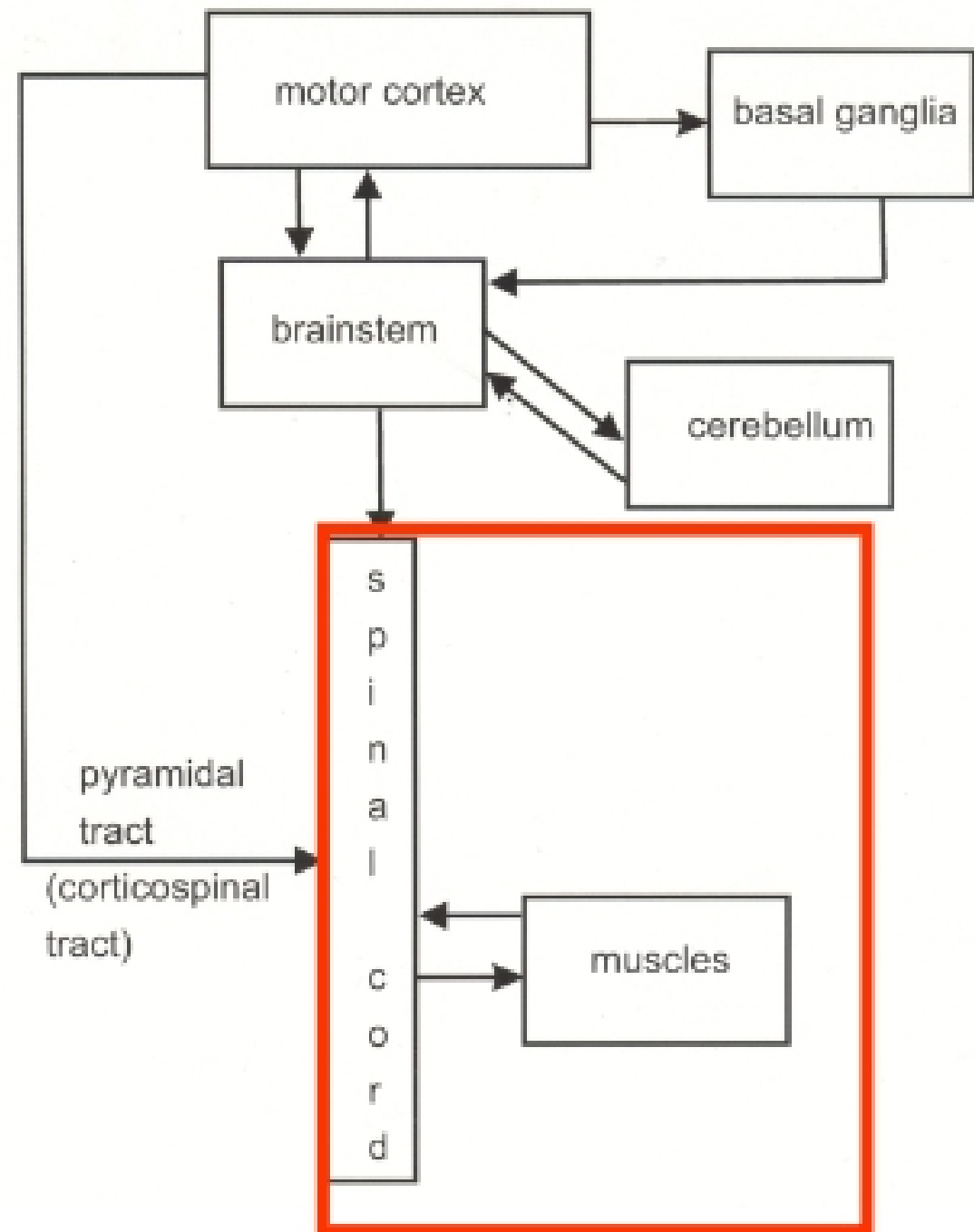


Reflexes and Descending Control of Reflexes

reading B & L, Chapter 9 pp. 158-174

Spinal reflexes

What can the spinal cord alone do?



Spinal reflexes

Spinal cord does more than carry messages to and from the brain.
Spinal transection: lose sensation and voluntary movement below the cut.
Spinal reflexes remain.

Definition of reflex: unlearned motor response to sensory stimulus.

(NOT as used in common speech)

Components of spinal reflexes:

- Muscles

- Motoneurons

- Sensory input from the body

- Spinal interneurons

