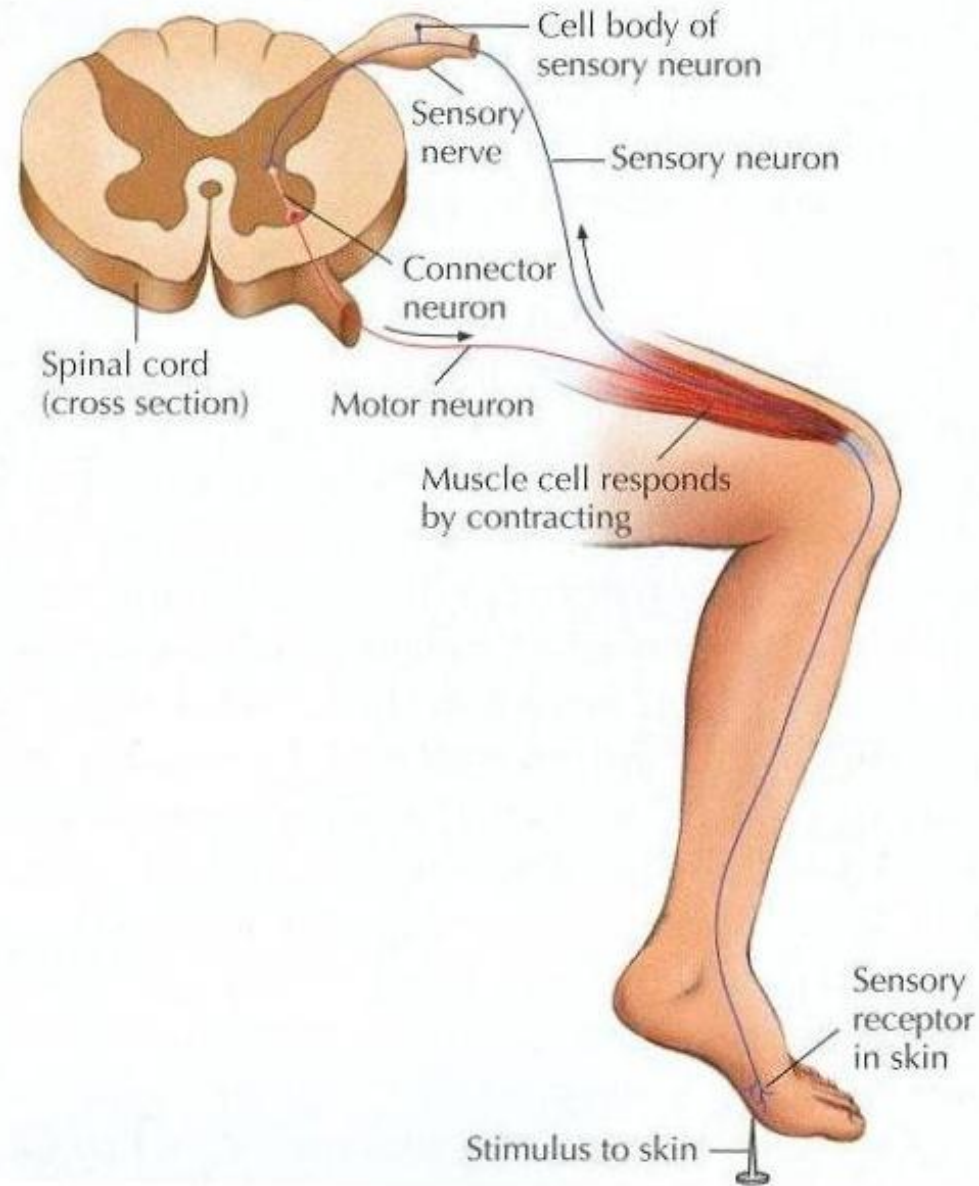




Fig. XLVII.



The Reflex Arc



A sensory-motor arc, or reflex, is set in motion by a stimulus to the skin (or other part of the body). The nerve impulse travels to the spinal cord and then back out to a muscle, which contracts. Such reflexes provide an "automatic" protective device for the body.