

Peripheral Nervous System (PNS) Chapter 13 continued

I. Introduction

II. Sensory Receptors

A. Background

B. Classification by Stimulus Type

1. mechanoreceptors
2. thermoreceptors
3. photoreceptors
4. chemoreceptors
5. nociceptors

C. Classification by Location

1. exteroceptors
2. interoceptors
3. proprioceptors

D. Classification by Structure or complexity

1. simple
 - a. unencapsulated
 - b. encapsulated
2. complex

III. Nerves

A. Nerve connective tissue layers

1. endoneurium
2. perineurium
 - a. fascicle
3. epineurium

B. Reminder

1. afferent
2. efferent
3. mixed

C. Ganglia

D. Regeneration

IV. Origination

A. Cranial Nerves

- 1) Olfactory (I)
- 2) Optic (II)
- 3) Oculomotor (III)
- 4) Trochlear (IV)
- 5) Trigeminal (V)
- 6) Abducens (VI)
- 7) Facial (VII)
- 8) Auditory (Vestibulocochlear) (VIII)
- 9) Glossopharyngeal (IX)
- 10) Vagus (X)
- 11) Spinal accessory (XI)
- 12) Hypoglossal (XII)

B. Spinal nerves

- 1) dorsal nerve roots
- 2) ventral nerve roots
 - a. Cervical C₁ - C₈
 - b. Thoracic T₁ - T₁₂
 - c. Lumbar L₁ - L₅
 - d. Sacral S₁ - S₅
 - e. coccygeal Co₁