

PNS- Peripheral Nervous System



- 1. Sensory Receptors**
- 2. Peripheral Receptors**
- 3. Motor endings**

12 pairs-Cranial Nerves

Cranial Nerve # Point of Origin

1-Olfactory

2-Optic

3,4,6 Oculomotor, Trochlear, Abducens
(Extrinsic Eye Muscles)

5-Trigeminal (facial muscles and
chewing)

12 Pairs of Cranial Nerves

7-Facial

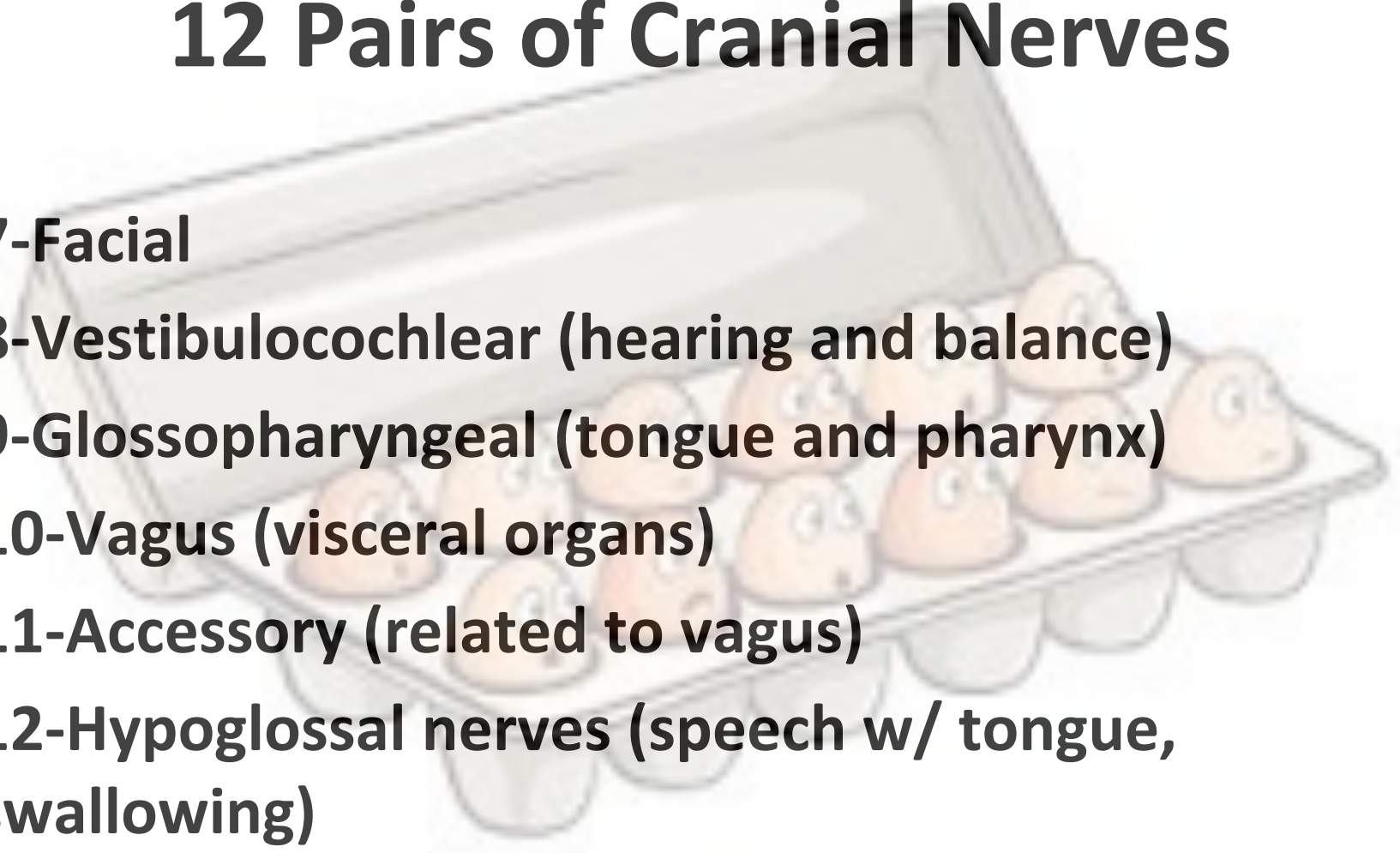
8-Vestibulocochlear (hearing and balance)

9-Glossopharyngeal (tongue and pharynx)

10-Vagus (visceral organs)

11-Accessory (related to vagus)

12-Hypoglossal nerves (speech w/ tongue, swallowing)



Spinal Nerves, pp 502-511

- **31 pairs**
- **Supplies all parts of the body except head/cervical regions**
 - **8 pairs: cervical spinal nerves**
 - **12 pairs: thoracic nerves**
 - **5 pairs: lumbar nerves**
 - **5 pairs: sacral nerves**
 - **1 pair: coccygeal nerves**