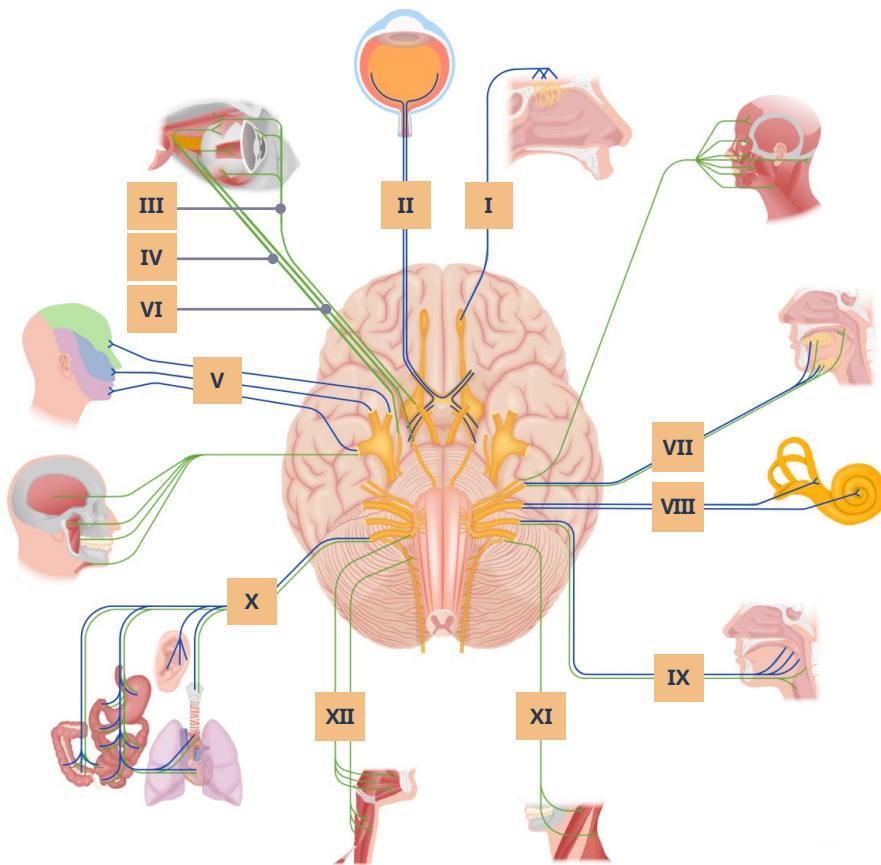




# CRANIAL NERVES

WATCH VIDEO!



The **12 cranial nerves** as they exit from the brain and the primary sites of innervation

## LEARNING TIP

Assess cranial nerves three, four, and six to see if the eyes do tricks.

## EXAM HINT

Cranial nerves are named and numbered in Roman numerals according to their location, from the front to the back of the brain.

|      | Cranial nerve     | Function                                                            | Mnemonic   | Sensory, motor, or both |
|------|-------------------|---------------------------------------------------------------------|------------|-------------------------|
| I    | Olfactory         | Smell                                                               | Only       | Some                    |
| II   | Optic             | Ability to see                                                      | One        | Say                     |
| III  | Oculomotor        | Eye movement, pupillary constriction, accommodation, eyelid opening | Of         | Marry                   |
| IV   | Trochlear         | Eye movement (up & down, back & forth)                              | The        | Money                   |
| V    | Trigeminal        | Facial sensation, taste & jaw movements                             | Two        | But                     |
| VI   | Abducens          | Abduction of eyes                                                   | Athletes   | My                      |
| VII  | Facial            | Facial expression & taste                                           | Felt       | Brother                 |
| VIII | Vestibulocochlear | Sense of hearing & balance                                          | Very       | Says                    |
| IX   | Glossopharyngeal  | Taste & swallow                                                     | Good       | Big                     |
| X    | Vagus             | Digestion & heart rate                                              | Victorious | Brains                  |
| XI   | Accessory         | Movement of head and shoulders                                      | And        | Matter                  |
| XII  | Hypoglossal       | Tongue movement                                                     | Healthy.   | More                    |