

# Pediatric Neurological Exam Checklist

## Patient Information:

Name:

Date of Birth:

Medical Record Number:

Date of Examination:

Examining Physician:

## General Observation:

### Appearance:

- Normal
- Abnormal (describe):

### Behavior:

- Cooperative
- Restless
- Agitated
- Other (specify):

### Level of Consciousness:

- Alert
- Lethargic
- Stuporous
- Comatose

### Orientation:

- Person
- Place
- Time

## Cranial Nerves:

### I. Olfactory Nerve (Cranial Nerve I):

- Smell identification test

## **II. Optic Nerve (Cranial Nerve II):**

- Visual acuity assessment (Snellen chart or appropriate age-related test)
- Visual field examination
- Fundoscopic examination

## **III. Oculomotor Nerve (Cranial Nerve III), IV. Trochlear Nerve (Cranial Nerve IV), VI. Abducens Nerve (Cranial Nerve VI):**

- Extraocular movements (EOM) assessment
- Pupillary reflex (PERRLA - Pupils Equal, Round, Reactive to Light and Accommodation)

## **V. Trigeminal Nerve (Cranial Nerve V):**

- Sensation on the face (V1, V2, V3)
- Corneal reflex

## **VII. Facial Nerve (Cranial Nerve VII):**

- Facial symmetry at rest and during movement
- Taste sensation on anterior two-thirds of the tongue

## **VIII. Vestibulocochlear Nerve (Cranial Nerve VIII):**

- Hearing assessment
- Balance and coordination (Romberg test)

## **IX. Glossopharyngeal Nerve (Cranial Nerve IX) and X. Vagus Nerve (Cranial Nerve X):**

- Gag reflex
- Swallowing assessment

## **XI. Accessory Nerve (Cranial Nerve XI):**

- Shoulder shrug strength
- Head rotation against resistance

## **XII. Hypoglossal Nerve (Cranial Nerve XII):**

- Tongue movement and strength

## **Motor System:**

- Muscle tone assessment
- Strength testing (graded by muscle groups)

- Reflexes (biceps, triceps, brachioradialis, patellar, Achilles)
- Coordination and balance (finger-to-nose, heel-to-shin, gait)

**Sensory System:**

- Light touch sensation
- Temperature sensation
- Pain sensation
- Proprioception

**Reflexes:**

- Primitive reflexes (e.g., Moro, rooting, grasp)
- Deep tendon reflexes (DTR)

**Special Tests (if indicated):**

- Cranial nerve examination specific to suspected pathology
- Developmental assessment
- Neuroimaging or other diagnostic tests

**Summary and Recommendations:**

Assessment findings

Differential diagnosis (if applicable)

Further investigations or consultations recommended