# NEUROLOGICAL ASSESSMENT PROFORMA

Use this structured proforma to ensure comprehensive and standardized documentation of the neurological examination.

## 1. Patient Demographics & Examination Details

|  |  |
| --- | --- |
| Parameter | Details |
| Date of Assessment |  |
| Examiner |  |
| Patient Name |  |
| Age / Date of Birth |  |
| Gender |  |
| Occupation |  |
| Hand Dominance |  |
| Height (cm) / Weight (kg) |  |
| Contact Information / Address |  |

## 2. Medical History & Background

|  |  |
| --- | --- |
| Item | Findings |
| Date of Symptom Onset (DOE) |  |
| Date of Admission (DOA) |  |
| Duration of Symptoms |  |
| Chief Complaints | 1.  2. |
| History of Present Illness | Onset, progression, aggravating/relieving factors |
| Past Medical History | Diagnoses, treatments, comorbidities |
| Surgical History | Procedures, dates, outcomes |
| Family History | Hereditary conditions, relevant illnesses |
| Social & Lifestyle Factors | Tobacco/alcohol use, occupation, support |
| Socio‑economic Status |  |

## 3. Systems Review & General Examination

|  |  |
| --- | --- |
| Parameter | Value |
| Temperature (°C) |  |
| Pulse Rate (bpm) |  |
| Pulse Grade (0–4+) | 0 Absent; 1+ Thready; 2+ Weak; 3+ Normal; 4+ Bounding |
| Blood Pressure (mm Hg) | Systolic / Diastolic |
| BP Category | Normal; Pre‑HTN; HTN Stage 1; HTN Stage 2 |
| Respiratory Rate (breaths/min) |  |
| SpO₂ (%) |  |

## 4. Neurological Evaluation

## 4.1 Higher Cognitive Functions

|  |  |
| --- | --- |
| Function | Assessment & Score |
| Level of Consciousness (GCS) | \_\_\_\_\_ / 15 |
| Orientation (Time/Place/Person) | Oriented / Disoriented |
| Attention & Concentration |  |
| Memory (Immediate/Short‑term/Long‑term) |  |
| Speech & Language | Fluent / Aphasic / Dysarthric |
| Calculation |  |
| Judgment & Insight |  |
| MMSE Score | \_\_\_\_\_ / 30 |

## 4.2 Cranial Nerve Assessment (I–XII)

|  |  |  |
| --- | --- | --- |
| Nerve | Test(s) | Result (Intact/Impaired/Absent) |
| I (Olfactory) | Odor identification |  |
| II (Optic) | Visual acuity, fields |  |
| III/IV/VI (Oculomotor/Trochlear/Abducent) | Pupil reflexes, EOMs |  |
| V (Trigeminal) | Facial sensation, jaw jerk |  |
| VII (Facial) | Facial expressions, taste anterior 2/3 |  |
| VIII (Vestibulocochlear) | Hearing tests (Weber/Rinne), balance |  |
| IX/X (Glossopharyngeal/Vagus) | Palate elevation, gag, swallow |  |
| XI (Spinal Accessory) | SCM & trapezius strength |  |
| XII (Hypoglossal) | Tongue movements |  |

## 4.3 Sensory Examination

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Modality | Right UE | Left UE | Right LE | Left LE | Trunk R | Trunk L |
| Superficial - Pain |  |  |  |  |  |  |
| Superficial - Temperature |  |  |  |  |  |  |
| Superficial - Light Touch |  |  |  |  |  |  |
| Deep Proprioception - Position Sense |  |  |  |  |  |  |
| Deep Proprioception - Vibration |  |  |  |  |  |  |
| Cortical - Stereognosis |  |  |  |  |  |  |
| Cortical - Two‑Point Discrimination |  |  |  |  |  |  |

### 4.4 Motor Examination

## 4.4.1 Muscle Tone (Modified Ashworth Scale)

|  |  |
| --- | --- |
| Tone Grade (0–4) | Description |
| 0 | No increase in muscle tone (flaccidity) |
| 1 | Slight increase; catch and release at end of ROM |
| 1+ | Slight increase; catch followed by minimal resistance throughout ROM |
| 2 | More marked increase; easily moved |
| 3 | Considerable increase; passive movement difficult |
| 4 | Affected part rigid in flexion or extension |

## 4.4.2 Muscle Strength (MMT)

|  |  |  |
| --- | --- | --- |
| Muscle Group | Right (0–5) | Left (0–5) |
| Shoulder |  |  |
| Elbow |  |  |
| Wrist |  |  |
| Hip |  |  |
| Knee |  |  |
| Ankle |  |  |

## 4.4.3 Limb Measurements

|  |  |  |  |
| --- | --- | --- | --- |
| Measurement | Right (cm) | Left (cm) | Difference (cm) |
| Limb Length |  |  |  |
| Limb Girth (e.g., mid‑arm, mid‑thigh) |  |  |  |

## 4.5 Reflexes

|  |  |  |
| --- | --- | --- |
| Reflex Type | Right (0–4+) | Left (0–4+) |
| Deep Tendon Reflexes |  |  |
| Superficial Reflexes |  |  |
| Pathological Signs (e.g., Babinski/Hoffmann/Clonus) |  |  |

## 5. Coordination & Balance

|  |  |  |
| --- | --- | --- |
| Test Category | Assessment | Grade / Findings |
| Non‑Equilibrium | Finger–nose, RAM |  |
| Equilibrium | Romberg (eyes open/closed), Tandem stance |  |
| Balance Scale | Berg Balance Scale (BBS) | \_\_\_\_\_ / 56 |

## 6. Gait Analysis

|  |  |
| --- | --- |
| Component | Observation / Measurement |
| Speed |  |
| Base |  |
| Cadence |  |
| Assistive Device |  |
| Deviations |  |
| Functional Tests (TUG, 10-m walk) |  |

## 7. Special Tests

|  |  |  |
| --- | --- | --- |
| Test | Purpose | Result (+/–) |
| Upper Limb Tension Test (ULTT) | Nerve root or peripheral nerve tension |  |
| Romberg | Proprioceptive vs. vestibular ataxia |  |
| Brudzinski’s / Kernig’s Sign | Meningeal irritation |  |
| Lhermitte’s Sign | Spinal cord involvement |  |
| Hoffmann’s Sign | Cervical myelopathy |  |
| Pronator Drift | Upper motor neuron lesion |  |

## 8. Functional & Outcome Measures

|  |  |  |  |
| --- | --- | --- | --- |
| Scale / Index | Max Score | Patient Score | Interpretation / Notes |
| Functional Independence Measure (FIM) | 126 |  |  |
| Barthel Index | 100 |  |  |
| STREAM (Stroke) | 100 |  |  |
| Dynamic Gait Index (DGI) | 24 |  |  |
| Other (specify) |  |  |  |

## 9. Investigations & Differential Diagnosis

|  |  |  |
| --- | --- | --- |
| Investigation | Date | Findings / Impression |
| CT / MRI |  |  |
| EMG / NCS |  |  |
| CSF Analysis (LP) |  |  |
| Laboratory Tests |  |  |

\*\*Differential Diagnoses:\*\*  
1.   
2.

## 10. Clinical Impression, Goals & Treatment Plan

|  |  |
| --- | --- |
| Category | Details |
| Primary Diagnosis |  |
| Problem List 1. 2. |  |
| Short‑Term Goals | –  – |
| Long‑Term Goals | –  – |
| Treatment Plan | – Therapeutic exercises, manual therapy, modalities – Patient/caregiver education – Referral and follow‑up schedule |