

PROGRESSIVE SUPRANUCLEAR PALSY RATING SCALE

For technique of administration, see Golbe LI, Ohman-Strickland PE. *Brain* 2007 (<http://brain.oxfordjournals.org/content/130/6/1552.long>)
For information on PSP, contact CurePSP at 1-800-457-4777 / www.psp.org

PATIENT _____

Date _____ Informant _____

MEDICATIONS:

INTERIM HISTORY:

I. HISTORY (from patient or other informant)

- 1. Withdrawal** (relative to baseline personality) **0 1 2**
0 None
1 Follows conversation in a group, may respond spontaneously, but rarely if ever initiates exchanges.
2 Rarely or never follows conversation in a group.
- 2. Irritability** (relative to baseline personality) **0 1 2**
0 No increase in aggressiveness
1 Increased, but not interfering with family interactions
2 Interfering with family interactions
- 3. Dysphagia for solids** **0 1 2 3 4**
0 Normal; no difficulty with full range of food textures
1 Tough foods must be cut up into small pieces
2 Requires soft solid diet
3 Requires pureed or liquid diet
4 Tube feeding required for some or all feeding
- 4. Using knife and fork, buttoning clothes, washing hands and face** (rate the worst) **0 1 2 3 4**
0 Normal
1 Somewhat slow but no help required
2 Extremely slow; or occasional help needed
3 Considerable help needed but can do some things alone
4 Requires total assistance
- 5. Falls** (average frequency if patient attempted to walk unaided) **0 1 2 3 4**
0 None in the past year
1 <1 per month; gait may otherwise be normal
2 1-4 per month
3 5-30 per month
4 > 30 per month (or chairbound)

- 6. Urinary incontinence** **0 1 2 3 4**
0 None or a few drops less than daily
1 A few drops staining clothes daily
2 Large amounts, but only when asleep; no pad required during day
3 Occasional large amounts in daytime; pad required
4 Consistent, requiring diaper or catheter awake and asleep

- 7. Sleep difficulty** **0 1 2 3 4**
0 Neither 1° nor 2° insomnia (i.e., falls asleep easily and stays asleep)
1 Either 1° or 2° insomnia; averages at least 5 hours sleep nightly
2 Both 1° and 2° insomnia; averages at least 5 hours sleep nightly
3 Either 1° or 2° insomnia; averages less than 5 hours sleep nightly
4 Both 1° and 2° insomnia; averages less than 5 hours sleep nightly

II. MENTAL EXAM

- Items 8-11 use this scale:
- | | |
|------------------------|---|
| 0 Clearly absent | 2 Clearly present, but not affecting activities of daily living (ADL) |
| 1 Equivocal or minimal | 3 Interfering mildly with ADL |
| | 4 Interfering markedly with ADL |

- 8. Disorientation** **0 1 2 3 4**
9. Bradyphrenia **0 1 2 3 4**
10. Emotional incontinence **0 1 2 3 4**
11. Grasping/imitative/utilizing behavior **0 1 2 3 4**

III. BULBAR EXAM

- 12. Dysarthria** (ignoring palilalia) **0 1 2 3 4**
0 None
1 Minimal; all or nearly all words easily comprehensible (to examiner, not family)
2 Definite, moderate; most words comprehensible
3 Severe; may be fluent but most words incomprehensible
4 Mute; or a few poorly comprehensible words

- 13. Dysphagia** (for 30-50 cc of water from a cup, if safe) **0 1 2 3 4**
0 None
1 Fluid pools in mouth or pharynx, or swallows slowly, but no choking/coughing
2 Occasionally coughs to clear fluid; no frank aspiration
3 Frequently coughs to clear fluid; may aspirate slightly; may expectorate frequently rather than swallow secretions
4 Requires artificial measures (oral suctioning, tracheostomy or feeding gastrostomy) to avoid aspiration

IV. SUPRANUCLEAR OCULAR MOTOR EXAM

Items 14-16 use this scale. Rate by inspection of saccades on command from the primary position of gaze to a stationary target.

- 0 Not slow or hypometric; 86-100% of normal amplitude
1 Slow or hypometric; 86-100% of normal amplitude
2 51-85% of normal amplitude
3 16-50% of normal amplitude
4 15% of normal amplitude or worse
- 14. Voluntary upward saccades** **0 1 2 3 4**
15. Voluntary downward saccades **0 1 2 3 4**
16. Voluntary left and right saccades **0 1 2 3 4**
17. Eyelid dysfunction **0 1 2 3 4**
0 None
1 Blink rate decreased (< 15/minute) but no other abnorm.
2 Mild inhibition of opening or closing or mild blepharospasm; no visual disability
3 Moderate lid-opening inhibition or blepharospasm causing partial visual disability
4 Functional blindness or near-blindness because of involuntary eyelid closure

V. LIMB EXAM

18. Limb rigidity (rate the worst of the four) **0 1 2 3 4**

- 0 Absent
- 1 Slight or detectable only on activation
- 2 Definitely abnormal, but full range of motion possible
- 3 Only partial range of motion possible
- 4 Little or no passive motion possible

19. Limb dystonia **0 1 2 3 4**

- (rate worst of the four; ignore neck and face)
- 0 Absent
 - 1 Subtle or present only when activated by other movement
 - 2 Obvious but not continuous
 - 3 Continuous but not disabling
 - 4 Continuous and disabling

20. Finger tapping (if asymmetric, rate worse side) **0 1 2**

- 0 Normal (>14 taps/5 sec with maximal amplitude)
- 1 Impaired (6-14 taps/5 sec or moderate loss of amplitude)
- 2 Barely able to perform (0-5 taps/5 sec or severe loss of amplitude)

21. Toe tapping (if asymmetric, rate worse side) **0 1 2**

- 0 Normal (>14 taps/5 sec with maximal amplitude)
- 1 Impaired (6-14 taps/5 sec or moderate loss of amplitude)
- 2 Barely able to perform (0-5 taps/5 sec or severe loss of amplitude)

22. Apraxia of hand movement **0 1 2**

- 0 Absent
- 1 Present, not impairing most functions
- 2 Impairing most functions

23. Tremor in any part **0 1 2**

- 0 Absent
- 1 Present, not impairing most functions
- 2 Impairing most functions

VI. GAIT/MIDLINE EXAM

24. Neck rigidity or dystonia **0 1 2 3 4**

- 0 Absent
- 1 Slight or detectable only when activated by other movement
- 2 Definitely abnormal, but full range of motion possible
- 3 Only partial range of motion possible
- 4 Little or no passive motion possible

25. Arising from chair **0 1 2 3 4**

- 0 Normal
- 1 Slow but arises on first attempt
- 2 Requires more than one attempt, but arises without using hands
- 3 Requires use of hands
- 4 Unable to arise without assistance

26. Gait **0 1 2 3 4**

- 0 Normal
- 1 Slightly wide-based or irregular or slight pulsion on turns
- 2 Must walk slowly or occasionally use walls or helper to avoid falling, especially on turns
- 3 Must use assistance all or almost all the time
- 4 Unable to walk, even with walker; may be able to transfer

27. Postural stability (on backward pull) **0 1 2 3 4**

- 0 Normal (shifts neither foot or one foot)
- 1 Must shift each foot at least once but recovers unaided
- 2 Shifts feet and must be caught by examiner
- 3 Unable to shift feet; must be caught, but does not require assistance to stand still
- 4 Tends to fall without a pull; requires assistance to stand still

28. Sitting down **0 1 2 3 4**

- (may touch seat or back but not arms of chair)
- 0 Normal
 - 1 Slightly stiff or awkward
 - 2 Easily positions self before chair, but descent into chair is uncontrolled
 - 3 Has difficulty finding chair behind him/her and descent is uncontrolled
 - 4 Unable to test because of severe postural instability

Section totals

History	0-24	
Mentation	0-16	
Bulbar	0-8	
Ocular	0-16	
Limb	0-16	
Gait	0-20	
TOTAL	0-100	

OTHER EXAMINATION:

IMPRESSION:

PLAN:

SIGNATURE: