



Society for Progressive Supranuclear Palsy

PROGRESSIVE SUPRANUCLEAR PALSY RATING SCALE
Scientific Advisory Board / Lawrence I. Golbe, MD, Chair

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 ever initiates exchanges.
2 Rarely or never follows conversation in a group.
2. Aggressiveness (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 0 1 2 3 4
(average frequency if patient attempted to walk unaided)
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 ≥ 5 hours sleep nightly
2 Both 1° and 2° insomnia; averages ≥ 5 hours sleep nightly
3 Either 1° or 2° insomnia; averages < 5 hours sleep nightly
4 Both 1° and 2° insomnia; averages < 5 hours sleep nightly

II. MENTAL EXAM Items 8-11 use this scale:

- 0 Clearly absent
1 Equivocal or minimal
2 Clearly present, but not living (ADL)
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/lutilizing behavior 0 1 2 3 4

III. BULBAR EXAM

- 12. Dysarthria (ignoring pallialia) 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 abnormality
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		

OTHER EXAMINATION:

IMPRESSION:

PLAN: