

Bush-Francis Catatonia Rating Scale

1. Excitement:

Extreme hyperactivity, constant motor unrest which is apparently non-purposeful. Not to be attributed to akathisia or goal-directed agitation.

0= Absent

1= Excessive motion, intermittent.

2= Constant motion, hyperkinetic without rest periods.

3= Full-blown catatonic excitement, endless frenzied motor activity.

2. Immobility/ Stupor:

Extreme hypoactivity, immobile, minimally responsive to stimuli

0= Absent

1= Sits abnormally still, may interact briefly.

2= Virtually no interaction with external world.

3= Stuporous, non-reactive to painful stimuli.

3. Mutism:

Verbally unresponsive or minimally responsive.

0= Absent

1= Verbally unresponsive to majority of questions; incomprehensible whisper.

2= Speaks less than 20 words/5 minutes.

3= No speech.

4. Staring:

Fixed gaze, little or no visual scanning of environment, decreased blinking.

0= Absent

1= Poor eye contact, repeatedly gazes less than 20 sec between shifting of attention; decreased blinking

2= Gaze held longer than 20 sec, occasionally shifts attention.

3= Fixed gaze, non-reactive.

5. Posturing/ Catalepsy:

Spontaneous maintenance of posture(s), including mundane (e.g., sitting/standing for long periods without reacting).

0= Absent

1= Less than one minute.

2= Greater than one minute, less than 15 minutes. (We see both posturing and catalepsy)

3= Bizarre posture, or mundane maintained more than 15 min.

6. Grimacing:

Maintenance of odd facial expressions.

0= Absent

1= Less than 10 sec.

2= Less than 1 min.

3= Bizarre expression(s) or maintained more than 1 min.

7. Echopraxia/ Echolalia:

Mimicking of examiner's movements/ speech.

0= Absent

1= Occasional.

2= Frequent.

3= Constant.

8. Stereotypy:

Repetitive, non-goal-directed motor activity (e.g. finger-play; repeatedly touching, patting or rubbing self); abnormality not inherent in act but in its frequency.

0= Absent

1= Occasional.

2= Frequent.

3= Constant.

9. Mannerisms:

Odd, purposeful movements (hopping or walking tiptoe, saluting passersby or exaggerated caricatures of mundane movements); abnormality inherent in act itself.

0= Absent

1= Occasional.

2= Frequent.

3= Constant (every verbal response was robotic)

10. Verbigeration:

Repetition of phrases or sentences (like a scratched record).

0= Absent

1= Occasional.

2= Frequent, difficult to interrupt.

3= Constant.

11. Rigidity:

Maintenance of a rigid position despite efforts to be moved, exclude if cog-wheeling or tremor present.

0= Absent

1= Mild resistance.

2= Moderate.

3= Severe, cannot be repositioned.

Patient: **Mr. Smith (Parakinteic)**

Date:

Time:

Examiner:

Modified Exam

Able to remove one arm

12. Negativism:

Apparently motiveless resistance to instructions or attempts to move/examine patient. Contrary behavior, does exact opposite of instruction.

0= Absent

1= Mild resistance and/or occasionally contrary.

2= Moderate resistance and/or frequently contrary.

3= Severe resistance and/or continually contrary.

13. Waxy Flexibility:

During repositioning of patient, patient offers initial resistance before allowing himself to be repositioned, similar to that of a bending candle.

0= Absent.

3= Present.

14. Withdrawal:

Refusal to eat, drink and/or make eye contact.

0= Absent. (We do not have information about this in the video).

1= Minimal PO intake/ interaction for less than one day.

2= Minimal PO intake/ interaction for more than one day.

3= No PO intake/interaction for one day or more.

15. Impulsivity:

Patient suddenly engages in inappropriate behavior (e.g. runs down hallway, starts screaming or takes off clothes) without provocation. Afterwards can give no, or only a facile explanation.

0= Absent

1= Occasional

2= Frequent

3= Constant or not redirectable

16. Automatic Obedience:

Exaggerated cooperation with examiner's request or spontaneous continuation of movement requested.

0= Absent

1= Occasional

2= Frequent

3= Constant

17. Mitgehen:

"Anglepoise lamp" arm raising in response to light pressure of finger, despite instructions to the contrary.

0= Absent

3= Present

18. Gegenhalten:

Resistance to passive movement which is proportional to strength of the stimulus, appears automatic rather than wilful.

0= Absent

3= Present

19. Ambitendency:

Patient appears motorically "stuck" in indecisive, hesitant movement.

0= Absent

3= Present

20. Grasp Reflex:

Per neurological exam.

0= Absent

3= Present

21. Perseveration:

Repeatedly returns to same topic or persists with movement.

0= Absent

3= Present

22. Combativeness:

Usually in an undirected manner, with no, or only a facile explanation afterwards.

0= Absent

1= Occasionally strikes out, low potential for injury

2= Frequently strikes out, moderate potential for injury

3= Serious danger to others

23. Autonomic Abnormality:

Circle: temperature, BP, pulse, respiratory rate, diaphoresis.

0= Absent (not explicitly stated in the video)

1= Abnormality of one parameter [exclude pre-existing hypertension]

2= Abnormality of 2 parameters

3= Abnormality of 3 or greater parameters