**BUSH-FRANCIS CATATONIA RATING SCALE**

*Use presence or absence of items 1-14 for screening*  
*Use the 0-3 scale for items 1-23 to rate severity*

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
   - 2 = Constant motion, hyperkinetic without rest periods
   - 3 = Full-blown catatonie 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; incoherent whisper
   - 2 = Speaks less than 20 words/ 5 min
   - 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 seconds between shifting of attention; decreased blinking
   - 2 = Gaze held longer than 20 seconds, occasionally shifts attention
   - 3 = Fixed gaze, non-reactive

5. **Posturing/cataplexy:**
   - Spontaneous maintenance of posture(s), including mundane (e.g. sitting or standing for long periods without reacting)
   - 0 = Absent
   - 1 = Less than 1 minute
   - 2 = Greater than one minute, less than 15 minutes
   - 3 = Bizarre posture, or mundane maintained more than 15 minutes

6. **Grimacing:**
   - Maintenance of odd facial expressions.
   - 0 = Absent
   - 1 = Less than 10 seconds
   - 2 = Less than 1 minute
   - 3 = Bizarre expression(s) or maintained more than 1 minute

7. **Echopraxia/echolalia:**
   - Mimicking of examiner’s movements/speech.
   - 0 = Mimicking of examiner’s movements/speech
   - 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 frequency.
   - 0 = Absent
   - 1 = Occasional
   - 2 = Frequent
   - 3 = Constant

9. **Mannerisms:**
   - Odd, purposeful movements (tapping or walking tiptoe, saluting passers-by or exaggerated caricatures of mundane movements); abnormality inherent in act itself.
   - 0 = Absent
   - 1 = Occasional
   - 2 = Frequent
   - 3 = Constant

10. **Rigidity:**
    - Maintenance of a rigid position despite efforts to be moved, exclude if cogwheeling or tremor present
    - 0 = Absent
    - 1 = Mild resistance
    - 2 = Moderate
    - 3 = Severe, cannot be reposted

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 reposturing of patient, patient offers initial resistance before allowing himself to be reposited, similar to that of a bending candle.
    - 0 = Absent
    - 3 = Present

14. **Withdrawal:**
    - Refusal to eat, drink and/or make eye contact.
    - 0 = Absent
    - 1 = Minimal PO intake/interaction for less than 1 day
    - 2 = Minimal PO intake/interaction for more than 1 day
    - 3 = No PO intake/interaction for 1 day or more
### BUSH-FRANCIS CATATONIA RATING SCALE (CONT.)

<table>
<thead>
<tr>
<th>15. Impulsivity:</th>
<th>16. Automatic obedience:</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
<td>Exaggerated cooperation with examiner's request or spontaneous continuation of movement requested.</td>
</tr>
<tr>
<td>0 = Absent</td>
<td>0 = Absent</td>
</tr>
<tr>
<td>1 = Occasional</td>
<td>1 = Occasional</td>
</tr>
<tr>
<td>2 = Frequent</td>
<td>2 = Frequent</td>
</tr>
<tr>
<td>3 = Constant or not redirectable</td>
<td>3 = Constant</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>17. Mitgohen:</th>
<th>18. Gegenhalten:</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;Anglepoise lamp&quot; arm raising in response to light pressure of finger, despite instruction to the contrary.</td>
<td>Resistance to passive movement which is proportional to strength of the stimulus, appears automatic rather than willful.</td>
</tr>
<tr>
<td>0 = Absent</td>
<td>0 = Absent</td>
</tr>
<tr>
<td>3 = Present</td>
<td>3 = Present</td>
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<thead>
<tr>
<th>19. Ambitendency:</th>
<th>20. Grasp reflex:</th>
</tr>
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<tbody>
<tr>
<td>Patient appears motorically &quot;stuck&quot; in indecisive, hesitant movement.</td>
<td>Per neurological exam</td>
</tr>
<tr>
<td>0 = Absent</td>
<td>0 = Absent</td>
</tr>
<tr>
<td>3 = Present</td>
<td>3 = Present</td>
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</tbody>
</table>

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<thead>
<tr>
<th>21. Persöveration:</th>
<th>22. Combativeness:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Repeatedly returns to same topic or persists with movement.</td>
<td>Usually in an undirected manner, with no, or only a facile explanation afterwards.</td>
</tr>
<tr>
<td>0 = Absent</td>
<td>0 = Absent</td>
</tr>
<tr>
<td>3 = Present</td>
<td>1 = Occasionally strikes out, low potential for injury</td>
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<table>
<thead>
<tr>
<th>23. Autonomic abnormality:</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Circle: temperature, BP, pulse, respiratory rate, diaphoresis.</td>
<td></td>
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<tr>
<td>0 = Absent</td>
<td></td>
</tr>
<tr>
<td>1 = Abnormality of one parameter (excluding pre-existing hypertension)</td>
<td>2 = Absent</td>
</tr>
<tr>
<td>2 = Abnormality of two parameters</td>
<td>1 = Occasional</td>
</tr>
<tr>
<td>3 = Abnormality of three or more parameters</td>
<td>2 = Frequently strikes out, moderate potential for injury</td>
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<tr>
<td></td>
<td>3 = Serious danger to others</td>
</tr>
</tbody>
</table>

**TOTAL:**__________