

(Appendix II)
POSITIVE AND NEGATIVE SYNDROME SCALE
(PANSS)

Patient Information

Patient _____ Date _____ Day _____ Mth. _____ Year _____ Time _____ Hour _____ Min _____

Personal notes**Scoring Procedure**

Tick appropriate box for each item

P1. Delusions Beliefs which are unfounded, unrealistic, and idiosyncratic. Basis for rating thought content expressed in the interview and its influence on social relations and behavior.	
1 Absent - Definition does not apply	<input type="checkbox"/>
2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.	<input type="checkbox"/>
3 Mild - Presence of one or two delusions which are vague, uncrystallized, and not tenaciously held. Delusions do not interfere with thinking, social relations, or behavior.	<input type="checkbox"/>
4 Moderate - Presence of either a kaleidoscopic array of poorly formed, unstable delusions or of a few wellformed delusions that occasionally interfere with thinking, social relations, or behavior.	<input type="checkbox"/>
5 Moderate severe - Presence of numerous well-formed delusions that are tenaciously held and occasionally interfere with thinking, social relations, or behavior.	<input type="checkbox"/>
6 Severe - Presence of a stable set of delusions which are crystallized, possibly systematized, tenaciously held, and clearly interfere with thinking, social relations, and behavior.	<input type="checkbox"/>
7 Extreme - Presence of a stable set of delusions which are either highly systematized or very numerous, and which dominate major facets of the patient's life. This frequently results in inappropriate and irresponsible action, which may even jeopardize the safety of the patient or others.	<input type="checkbox"/>

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<p>P2. Conceptual disorganization Disorganized process of thinking characterized by disruption of goal-directed sequencing, e.g., circumstantiality, tangentiality, loose associations non sequiturs, gross illogicality, or thought block. Basis for rating: cognitive-verbal processes observed during the course of interview.</p>	
<p>1 Absent - Definition does not apply</p>	<input type="checkbox"/>
<p>2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.</p>	<input type="checkbox"/>
<p>3 Mild - Thinking is circumstantial, tangential, or paralogical. There is some difficulty in directing thoughts toward a goal and some loosening of associations may be evidenced under pressure.</p>	<input type="checkbox"/>
<p>4 Moderate - Able to focus thoughts when communications are brief and structured, but becomes loose or irrelevant when dealing with more complex communications or when under minimal pressure.</p>	<input type="checkbox"/>
<p>5 Moderate severe - Generally has difficulty in organizing thoughts, as evidenced by frequent irrelevances, disconnectedness, or loosening of associations even when not under pressure.</p>	<input type="checkbox"/>
<p>6 Severe - Thinking is seriously derailed and internally inconsistent, resulting in gross irrelevancies and disruption of thought processes, which occur almost constantly.</p>	<input type="checkbox"/>
<p>7 Extreme - Thoughts are disrupted to the point where the patient is incoherent. There is marked loosening of associations, which results in total failure of communication, e.g., "word salad" or mutism.</p>	<input type="checkbox"/>

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<p>P3. Hallucinatory behavior</p> <p>Verbal report or behavior indicating perceptions which are not generated by external stimuli. These may occur in the auditory visual, olfactory, or somatic realms. Basis for rating: Verbal report and physical manifestations during the course of interview as well as reports of behavior by primary care workers or family.</p>	
<p>1 Absent - Definition does not apply</p>	<input type="checkbox"/>
<p>2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.</p>	<input type="checkbox"/>
<p>3 Mild - One or two clearly formed but infrequent hallucinations, or else a number of vague abnormal perceptions which do not result in distortions of thinking or behavior.</p>	<input type="checkbox"/>
<p>4 Moderate - Hallucinations occur frequently but not continuously, and the patient's thinking and behavior are affected only to a minor extent.</p>	<input type="checkbox"/>
<p>5 Moderate severe - Hallucinations are frequent, may involve more than one sensory modality, and tend to distort thinking and/or disrupt behavior. Patient may have a delusional interpretation of these experiences and respond to them emotionally and, on occasion, verbally as well.</p>	<input type="checkbox"/>
<p>6 Severe - Hallucinations are present almost continuously, causing major disruption of thinking and behavior. Patient treats these as real perceptions, and functioning is impeded by frequent emotional and verbal responses to them.</p>	<input type="checkbox"/>
<p>7 Extreme - Patient is almost totally preoccupied with hallucinations, which virtually dominate thinking and behavior. Hallucinations are provided a rigid delusional interpretation and provoke verbal and behavioral responses, including obedience to command hallucinations.</p>	<input type="checkbox"/>

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<p>P4. Excitement Hyperactivity as reflected in accelerated motor behavior, heightened responsivity to stimuli hypervigilance, or excessive mood lability. Basis for rating: Behavioral manifestations during the course of interview as well as reports of behavior by primary care workers or family.</p>	
<p>1 Absent - Definition does not apply</p>	<input type="checkbox"/>
<p>2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.</p>	<input type="checkbox"/>
<p>3 Mild - Tends to be slightly agitated, hypervigilant, or mildly overaroused throughout the interview, but without distinct episodes of excitement or marked mood lability. Speech may be slightly pressured.</p>	<input type="checkbox"/>
<p>4 Moderate - Agitation or overarousal is clearly evident throughout the interview, affecting speech and general mobility, or episodic outbursts occur sporadically</p>	<input type="checkbox"/>
<p>5 Moderate severe - Significant hyperactivity or frequent outbursts of motor activity are observed, making it difficult for the patient to sit still for longer than several minutes at any given time.</p>	<input type="checkbox"/>
<p>6 Severe - Marked excitement dominates the interview delimits attention, and to some extent affects personal functions such as eating and sleeping.</p>	<input type="checkbox"/>
<p>7 Extreme - Marked excitement seriously interferes in eating and sleeping and makes interpersonal interactions virtually impossible. Acceleration of speech and motor activity may result in incoherence and exhaustion.</p>	<input type="checkbox"/>

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<p>P5. Grandiosity Exaggerated self-opinion and unrealistic convictions of superiority, including delusions of extraordinary abilities, wealth, knowledge, fame, power, and moral righteousness. Basis for rating: thought content expressed in the interview and its influence on behavior.</p>	
<p>1 Absent - Definition does not apply</p>	<input type="checkbox"/>
<p>2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.</p>	<input type="checkbox"/>
<p>3 Mild - Some expansiveness or boastfulness is evident, but without clear-cut grandiose delusions.</p>	<input type="checkbox"/>
<p>4 Moderate - Feels distinctly and unrealistically superior to others. Some poorly formed delusions about special status or abilities may be present but are not acted upon.</p>	<input type="checkbox"/>
<p>5 Moderate severe - Clear-cut delusions concerning remarkable abilities, status, or power are expressed and influence attitude but not behavior.</p>	<input type="checkbox"/>
<p>6 Severe - Clear-cut delusions of remarkable superiority involving more than one parameter (wealth, knowledge, fame, etc.) are expressed, notably influence interactions, and may be acted upon.</p>	<input type="checkbox"/>
<p>7 Extreme - Thinking, interactions, and behavior are dominated by multiple delusions of amazing ability, wealth knowledge, fame, power, and/or moral stature; which may take on a bizarre quality.</p>	<input type="checkbox"/>

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<p>P6. Suspiciousness/persecution Unrealistic or exaggerated ideas of persecution, as reflected in guardedness, a distrustful attitude, suspicious hypervigilance, or frank delusions that others mean one harm. Basis for rating: thought content expressed in the interview and its influence on behavior.</p>	
<p>1 Absent - Definition does not apply</p>	<input type="checkbox"/>
<p>2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.</p>	<input type="checkbox"/>
<p>3 Mild - Presents a guarded or even openly distrustful attitude, but thoughts, interactions, and behavior are minimally affected.</p>	<input type="checkbox"/>
<p>4 Moderate - Distrustfulness is clearly evident and intrudes on the interview and/or behavior, but there is no evidence of persecutory delusions. Alternatively, there may be indication of loosely formed persecutory delusions, but these do not seem to affect the patient's attitude or interpersonal relations</p>	<input type="checkbox"/>
<p>5 Moderate severe - Patient shows marked distrustfulness, leading to major disruption of interpersonal relations, or else there are clear-cut persecutory delusions that have limited impact on interpersonal relations and behavior.</p>	<input type="checkbox"/>
<p>6 Severe - Clear-cut pervasive delusions of persecution which may be systematized and significantly interfere in interpersonal relations.</p>	<input type="checkbox"/>
<p>7 Extreme - A network of systematized persecutory delusions dominates the patient's thinking, social relations, and behavior.</p>	<input type="checkbox"/>

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<p>P7. Hostility Verbal and nonverbal expressions of anger and resentment, including sarcasm, passive-aggressive behavior, verbal abuse, and assaultiveness. Basis for rating: interpersonal behavior observed during the interview and reports by primary care workers or family.</p>	
<p>1 Absent - Definition does not apply</p>	<input type="checkbox"/>
<p>2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.</p>	<input type="checkbox"/>
<p>3 Mild - Indirect or restrained communication of anger such as sarcasm, disrespect, hostile expressions, and occasional irritability.</p>	<input type="checkbox"/>
<p>4 Moderate - Presents an overtly hostile attitude, showing frequent irritability and direct expression of anger or resentment.</p>	<input type="checkbox"/>
<p>5 Moderate severe - Patient is highly irritable and occasionally verbally abusive or threatening.</p>	<input type="checkbox"/>
<p>6 Severe - Uncooperativeness and verbal abuse or threats notably influence the interview and seriously impact upon social relations. Patient may be violent and destructive but is not physically assaultive toward others.</p>	<input type="checkbox"/>
<p>7 Extreme - Marked anger results in extreme uncooperativeness, precluding other interactions, or in episode(s) of physical assault toward others.</p>	<input type="checkbox"/>

NEGATIVE SCALE (N)

N1. Blunted affect Diminished emotional responsiveness as characterized by a reduction in facial expression, modulation of feelings, and communicative gestures. Basis for rating: observation of physical manifestations of affective tone and emotional responsiveness during the course of interview.	
1 Absent - Definition does not apply	<input type="checkbox"/>
2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.	<input type="checkbox"/>
3 Mild - Changes in facial expression and communicative gestures seem to be stilted, forced, artificial, or lacking in modulation.	<input type="checkbox"/>
4 Moderate - Reduced range of facial expression and few expressive gestures result in a dull appearance.	<input type="checkbox"/>
5 Moderate severe - Affect is generally ~flat-, with only occasional changes in facial expression and a paucity of communicative gestures.	<input type="checkbox"/>
6 Severe - Marked flatness and deficiency of emotions exhibited most of the time. There may be unmodulated extreme affective discharges, such as excitement, rage, or inappropriate uncontrolled laughter.	<input type="checkbox"/>
7 Extreme - Changes in facial expression and evidence of communicative gestures are virtually absent. Patient seems constantly to show a barren or "wooden" expression.	<input type="checkbox"/>

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<p>N2. Emotional withdrawal Lack of interest in, involvement with, and affective commitment to life's events. Basis for rating: reports of functioning from primary care workers or family and observation of interpersonal behavior during the course of interview.</p>	
<p>1 Absent - Definition does not apply</p>	<input type="checkbox"/>
<p>2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.</p>	<input type="checkbox"/>
<p>3 Mild - Usually lacks initiative and occasionally may show deficient interest in surrounding events.</p>	<input type="checkbox"/>
<p>4 Moderate - Patient is generally distanced emotionally from the milieu and its challenges but, with encouragement, can be engaged.</p>	<input type="checkbox"/>
<p>5 Moderate severe - Patient is clearly detached emotionally from persons and events in the milieu, resisting all efforts at engagement. Patient appears distant, docile, and purposeless but can be involved in communication at least briefly and tends to personal needs, sometimes with assistance.</p>	<input type="checkbox"/>
<p>6 Severe - Marked deficiency of interest and emotional commitment results in limited conversation with others and frequent neglect of personal functions, for which the patient requires supervision</p>	<input type="checkbox"/>
<p>7 Extreme - Patient is almost totally withdrawn, uncommunicative, and neglectful of personal needs as a result of profound lack of interest and emotional commitment.</p>	<input type="checkbox"/>

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<p>N3. Poor rapport Lack of interpersonal empathy, openness in conversation, and sense of closeness, interest, or involvement with the interviewer. This is evidenced by interpersonal distancing and reduced verbal and nonverbal communication. Basis for rating: interpersonal behavior during the course of interview.</p>	
<p>1 Absent - Definition does not apply</p>	<input type="checkbox"/>
<p>2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.</p>	<input type="checkbox"/>
<p>3 Mild - Conversation is characterized by a stilted strained or artificial tone. It may lack emotional depth or tend to remain on an impersonal, intellectual plane.</p>	<input type="checkbox"/>
<p>4 Moderate - Patient typically is aloof, with interpersonal distance quite evident. Patient may answer questions mechanically, act bored, or express disinterest.</p>	<input type="checkbox"/>
<p>5 Moderate severe - Disinvolvement IS obvious and clearly impedes the productivity of the interview. Patient may tend to avoid eye or face contact.</p>	<input type="checkbox"/>
<p>6 Severe - Patient is highly indifferent, with marked interpersonal distance. Answers are perfunctory, and there is little nonverbal evidence of involvement. Eye and face contact are frequently avoided.</p>	<input type="checkbox"/>
<p>7 Extreme - Patient is totally uninvolved with the interviewer. Patient appears to be completely indifferent and consistently avoids verbal and nonverbal interactions during the interview.</p>	<input type="checkbox"/>

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<p>N4. Passive/apathetic social withdrawal Diminished interest and initiative in social interactions due to passivity, apathy, anergy, or avolition. This leads to reduced interpersonal involvement and neglect of activities of daily living. Basis for rating: reports on social behavior from primary care workers or family.</p>	
<p>1 Absent - Definition does not apply</p>	<input type="checkbox"/>
<p>2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.</p>	<input type="checkbox"/>
<p>3 Mild - Shows occasional interest in social activities but poor initiative. Usually engages with others only when approached first by them.</p>	<input type="checkbox"/>
<p>4 Moderate - Passively goes along with most social activities but in a disinterested or mechanical way. Tends to recede into the background.</p>	<input type="checkbox"/>
<p>5 Moderate severe - Passively participates in only a minority of activities and shows virtually no interest or initiative Generally spends little time with others</p>	<input type="checkbox"/>
<p>6 Severe - Tends to be apathetic and isolated, participating very rarely in social activities and occasionally neglecting personal needs. Has very few spontaneous social contacts.</p>	<input type="checkbox"/>
<p>7 Extreme - Profoundly apathetic, socially isolated, and personally neglectful.</p>	<input type="checkbox"/>

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<p>N5. Difficulty in abstract thinking Impairment in the use of the abstract-symbolic mode of thinking, as evidenced by difficulty in classification, forming generalizations, and proceeding beyond concrete or egocentric thinking in problemsolving tasks. Basis for rating: responses to questions on similarities and proverb interpretation, and use of concrete vs. abstract mode during the course of the interview.</p>	
<p>1 Absent - Definition does not apply</p>	<input type="checkbox"/>
<p>2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.</p>	<input type="checkbox"/>
<p>3 Mild - Tends to give literal or personalized interpretations to the more difficult proverbs and may have some problems with concepts that are fairly abstract or remotely related.</p>	<input type="checkbox"/>
<p>4 Moderate - Often utilizes a concrete mode Has difficulty with most proverbs and some categories. Tends to be distracted by functional aspects and salient features</p>	<input type="checkbox"/>
<p>5 Moderate severe - Deals primarily in a concrete mode, exhibiting difficulty with most proverbs and many categories.</p>	<input type="checkbox"/>
<p>6 Severe - Unable to grasp the abstract meaning of any proverbs or figurative expressions and can formulate classifications for only the most simple of similarities. Thinking is either vacuous or locked into functional aspects, salient features, and idiosyncratic interpretations.</p>	<input type="checkbox"/>
<p>7 Extreme - Can use only concrete modes of thinking. Shows no comprehension of proverbs, common metaphors or similes, and simple categories. Even salient and functional attributes do not serve as a basis for classification. This rating may apply to those who cannot interact even minimally with the examiner due to marked cognitive impairment.</p>	<input type="checkbox"/>

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N6. Lack of spontaneity and flow of conversation Reduction in the normal flow of communication associated with apathy, avolition, defensiveness, or cognitive deficit. This is manifested by diminished fluidity and productivity of the verbal-interactional process. Basis for rating: cognitive-verbal processes observed during the course of interview.	
1 Absent - Definition does not apply	<input type="checkbox"/>
2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.	<input type="checkbox"/>
3 Mild - Conversation shows little initiative. Patient's answers tend to be brief and unembellished, requiring direct and leading questions by the interviewer.	<input type="checkbox"/>
4 Moderate - Conversation lacks free flow and appears uneven or halting. Leading questions are frequently needed to elicit adequate responses and proceed with conversation.	<input type="checkbox"/>
5 Moderate severe - Patient shows a marked lack of spontaneity and openness, replying to the interviewer's questions with only one or two brief sentences.	<input type="checkbox"/>
6 Severe - Patient's responses are limited mainly to a few words or short phrases intended to avoid or curtail communication. (E.g., "I don't know," "I'm not at liberty to say.") Conversation is seriously impaired as a result, and the interview is highly unproductive.	<input type="checkbox"/>
7 Extreme - Verbal output is restricted to, at most, an occasional utterance, making conversation not possible.	<input type="checkbox"/>

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<p>N7. Stereotyped thinking Decreased fluidity, spontaneity, and flexibility of thinking, as evidenced in rigid, repetitious, or barren thought content. Basis for rating: cognitiveverbal processes observed during the interview.</p>	
<p>1 Absent - Definition does not apply</p>	<input type="checkbox"/>
<p>2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.</p>	<input type="checkbox"/>
<p>3 Mild - Some rigidity shown in attitudes or beliefs. Patient may refuse to consider alternative positions or have difficulty in shifting from one idea to another.</p>	<input type="checkbox"/>
<p>4 Moderate - Conversation revolves around a recurrent theme, resulting in difficulty in shifting to a new topic.</p>	<input type="checkbox"/>
<p>5 Moderate severe - Thinking is rigid and repetitious to the point that despite the interviewer's efforts conversation is limited to only two or three dominating topics.</p>	<input type="checkbox"/>
<p>6 Severe - Uncontrolled repetition of demands, statements, ideas, or questions which severely impairs conversation.</p>	<input type="checkbox"/>
<p>7 Extreme - Thinking, behavior, and conversation are dominated by constant repetition of fixed ideas or limited phrases, leading to gross rigidity, inappropriateness, and restrictiveness of patient's communication.</p>	<input type="checkbox"/>

GENERAL PSYCHOPATHOLOGY SCALE (G)

G1. Somatic concern Physical complaints or beliefs about bodily illness or malfunctions. This may range from a vague sense of ill being to clear-cut delusions of catastrophic physical disease. Basis for rating: thought content expressed in the interview.	
1 Absent - Definition does not apply	<input type="checkbox"/>
2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.	<input type="checkbox"/>
3 Mild - Distinctly concerned about health or somatic issues, as evidenced by occasional questions and desire for reassurance.	<input type="checkbox"/>
4 Moderate - Complains about poor health or bodily malfunction, but there is no delusional conviction, and overconcern can be allayed by reassurance.	<input type="checkbox"/>
5 Moderate severe - Patient expresses numerous or frequent complaints about physical illness or bodily malfunction, or else patient reveals one or two clearcut delusions involving these themes but is not preoccupied by them.	<input type="checkbox"/>
6 Severe - Patient is preoccupied by one or a few clearcut delusions about physical disease or organic malfunction, but affect is not fully immersed in these themes, and thoughts can be diverted by the interviewer with some effort.	<input type="checkbox"/>
7 Extreme - Numerous and frequently reported somatic delusions, or only a few somatic delusions of a catastrophic nature, which totally dominate the patient's affect and thinking.	<input type="checkbox"/>

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<p>G2. Anxiety Subjective experience of nervousness, worry, apprehension, or restlessness, ranging from excessive concern about the present or future to feelings of panic. Basis for rating: verbal report during the course of interview and corresponding physical manifestations.</p>	
<p>1 Absent - Definition does not apply</p>	<input type="checkbox"/>
<p>2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.</p>	<input type="checkbox"/>
<p>3 Mild - Expresses some worry, overconcern, or subjective restlessness, but no somatic and behavioral consequences are reported or evidence.</p>	<input type="checkbox"/>
<p>4 Moderate - Patient reports distinct symptoms of nervousness, which are reflected in mild physical manifestations such as fine hand tremor and excessive perspiration.</p>	<input type="checkbox"/>
<p>5 Moderate severe - Patient reports serious problems of anxiety which have significant physical and behavioral consequences, such as marked tension, poor concentration, palpitations, or impaired sleep.</p>	<input type="checkbox"/>
<p>6 Severe - Subjective state of almost constant fear associated with phobias, marked restlessness, or numerous somatic manifestations.</p>	<input type="checkbox"/>
<p>7 Extreme - Patient's life is seriously disrupted by anxiety, which is present almost constantly and at times reaches panic proportion or is manifested in actual panic attacks.</p>	<input type="checkbox"/>

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<p>G3. Guiltfeelings Sense of remorse or self-blame for real or imagined misdeeds in the past. Basis for rating: verbal report of guilt feelings during the course of interview and the influence on attitudes and thoughts.</p>	
<p>1 Absent - Definition does not apply</p>	<input type="checkbox"/>
<p>2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.</p>	<input type="checkbox"/>
<p>3 Mild - Questioning elicits a vague sense of guilt or selfblame for a minor incident, but the patient clearly is not overly concerned</p>	<input type="checkbox"/>
<p>4 Moderate - Patient expresses distinct concern over his responsibility for a real incident in his life but is not preoccupied with it, and attitude and behaviour are essentially unaffected.</p>	<input type="checkbox"/>
<p>5 Moderate severe - Patient expresses a strong sense of guilt associated with self-deprication or the belief that he deserves punishment. The guilt feelings may have a delusional basis, may be volunteered spontaneously, may be a source of preoccupation and/or depressed mood, and cannot be allayed readily by the interviewer.</p>	<input type="checkbox"/>
<p>6 Severe - Strong ideas of guilt take on a delusional quality and lead to an attitude of hopelessness or worthlessness The patient believes he should receive harsh sanctions for the misdeeds and may even regard his current life situation as such punishment.</p>	<input type="checkbox"/>
<p>7 Extreme - Patient's life is dominated by unshakable delusions of guilt, for which he feels deserving of drastic punishment, such as life imprisonment, torture, or death. There may be associated suicidal thoughts or attribution of others' problems to one's own past misdeeds.</p>	<input type="checkbox"/>

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<p>G4. Tension Overt physical manifestations of fear, anxiety, and agitation, such as stiffness, tremor, profuse sweating, and restlessness. Basis for rating: verbal report attesting to anxiety and, thereupon, the severity of physical manifestations of tension observed during the interview.</p>	
<p>1 Absent - Definition does not apply</p>	<input type="checkbox"/>
<p>2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.</p>	<input type="checkbox"/>
<p>3 Mild - Posture and movements indicate slight apprehensiveness, such as minor rigidity, occasional restlessness, shifting of position, or fine rapid hand tremor.</p>	<input type="checkbox"/>
<p>4 Moderate - A clearly nervous appearance emerges from various manifestations, such as fidgety behaviour, obvious hand tremor, excessive perspiration, or nervous mannerisms.</p>	<input type="checkbox"/>
<p>5 Moderate severe - Pronounced tension is evidenced by numerous manifestations, such as nervous shaking, profuse sweating, and restlessness, but conduct in the interview is not significantly affected.</p>	<input type="checkbox"/>
<p>6 Severe - Pronounced tension to the point that interpersonal interactions are disrupted. The patient for example, may be constantly fidgeting, unable to sit still for long, or show hyperventilation.</p>	<input type="checkbox"/>
<p>7 Extreme - Marked tension is manifested by signs of panic or gross motor acceleration, such as rapid restless pacing and inability to remain seated for longer than a minute, which makes sustained conversation not possible</p>	<input type="checkbox"/>

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<p>G5. Mannerisms and posturing Unnatural movements or posture as characterized by an awkward, stilted, disorganized, or bizarre appearance. Basis for rating: observation of physical manifestations during the course of interview as well as reports from primary care workers or family.</p>	
<p>1 Absent - Definition does not apply</p>	<input type="checkbox"/>
<p>2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.</p>	<input type="checkbox"/>
<p>3 Mild - Slight awkwardness in movements or minor rigidity of posture.</p>	<input type="checkbox"/>
<p>4 Moderate - Movements are notably awkward or disjointed, or an unnatural posture is maintained for brief periods.</p>	<input type="checkbox"/>
<p>5 Moderate severe - Occasional bizarre rituals or contorted posture are observed, or an abnormal position is sustained for extended periods.</p>	<input type="checkbox"/>
<p>6 Severe - Frequent repetition of bizarre rituals, mannerisms, or stereotyped movements, or a contorted posture is sustained for extended periods..</p>	<input type="checkbox"/>
<p>7 Extreme - Functioning is seriously impaired by virtually constant involvement in ritualistic, manneristic, or stereotyped movements or by an unnatural fixed posture which is sustained most of the time.</p>	<input type="checkbox"/>

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<p>G6. Depression Feelings of sadness, discouragement, helplessness, and pessimism. Basis for rating: verbal report of depressed mood during the course of interview and its observed influence on attitude and behavior.</p>	
<p>1 Absent - Definition does not apply</p>	<input type="checkbox"/>
<p>2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.</p>	<input type="checkbox"/>
<p>3 Mild - Expresses some sadness or discouragement only on questioning. but there is no evidence of depression in general attitude or demeanor.</p>	<input type="checkbox"/>
<p>4 Moderate - Distinct feelings of sadness or hopelessness, which may be spontaneously divulged, but depressed mood has no major impact on behavior or social functioning, and the patient usually can be cheered up.</p>	<input type="checkbox"/>
<p>5 Moderate severe - Distinctly depressed mood is associated with obvious sadness, pessimism, loss of social interest psychomotor retardation, and some interference in appetite and sleep. The patient cannot be easily cheered up.</p>	<input type="checkbox"/>
<p>6 Severe - Markedly depressed mood is associated with sustained feelings of misery, occasional crying, hopelessness, and worthlessness. In addition, there is major interference in appetite and/or sleep as well as in normal motor and social functions, with possible signs of self-neglect.</p>	<input type="checkbox"/>
<p>7 Extreme - Depressive feelings seriously interfere in most major functions. The manifestations include frequent crying, pronounced somatic symptoms, impaired concentration, psychomotor retardation, social disinterest, self-neglect, possible depressive or nihilistic delusions, and/or possible suicidal thoughts or action.</p>	<input type="checkbox"/>

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<p>G7. Motor retardation Reduction in motor activity as reflected in slowing or lessening of movements and speech, diminished responsiveness to stimuli, and reduced body tone. Basis for rating: manifestations during the course of interview as well as reports by primary care workers or family.</p>	
<p>1 Absent - Definition does not apply</p>	<input type="checkbox"/>
<p>2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.</p>	<input type="checkbox"/>
<p>3 Mild - Slight but noticeable diminution in rate of movements and speech Patient may be somewhat underproductive in conversation and gestures.</p>	<input type="checkbox"/>
<p>4 Moderate - Patient is clearly slow in movements, and speech may be characterized by poor productivity, including long response latency, extended pauses, or slow pace.</p>	<input type="checkbox"/>
<p>5 Moderate severe - A marked reduction in motor activity renders communication highly unproductive or delimits functioning in social and occupational situations. Patient can usually be found sitting or lying down.</p>	<input type="checkbox"/>
<p>6 Severe - Movements are extremely slow, resulting in a minimum of activity and speech. Essentially the day is spent sitting idly or lying down.</p>	<input type="checkbox"/>
<p>7 Extreme - Patient is almost completely immobile and virtually unresponsive to external stimuli.</p>	<input type="checkbox"/>

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<p>G8.Uncooperativeness Active refusal to comply with the will of significant others, including the interviewer, hospital staff, or family, which may be associated with distrust, defensiveness, stubbornness, negativism, rejection of authority, hostility, or belligerence. Basis for rating interpersonal behavior observed during the course of interview as well as reports by primary care workers or family.</p>	
<p>1 Absent - Definition does not apply</p>	<input type="checkbox"/>
<p>2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.</p>	<input type="checkbox"/>
<p>3 Mild - Complies with an attitude of resentment, impatience, or sarcasm. May inoffensively object to sensitive probing during the interview.</p>	<input type="checkbox"/>
<p>4 Moderate - Occasional outright refusal to comply with normal social demands, such as making own bed, attending scheduled programs, etc. The patient may project a hostile, defensive, or negative attitude but usually can be worked with.</p>	<input type="checkbox"/>
<p>5 Moderate severe - Patient frequently ~s in compliant with the demands of his milieu and may be characterized by others as an "outcast" or having "a serious attitude problem." Uncooperativeness is reflected in obvious defensiveness or irritability with the interviewer and possible unwillingness to address many questions.</p>	<input type="checkbox"/>
<p>6 Severe - Patient is highly uncooperative, negativistic, and possibly also belligerent. Refuses to comply with most social demands and may be unwilling to initiate or conclude the full interview.</p>	<input type="checkbox"/>
<p>7 Extreme - Active resistance seriously impact on virtually all major areas of functioning. Patient may refuse to join in any social activities, tend to personal hygiene, converse with family or staff, and participate even briefly in an interview.</p>	<input type="checkbox"/>

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<p>G9. Unusual thought content</p> <p>Thinking characterized by strange, fantastic, or bizarre ideas, ranging from those which are remote or atypical to those which are distorted, illogical, and patently absurd. Basis for rating: thought content expressed during the course of interview.</p>	
<p>1 Absent - Definition does not apply</p>	<input type="checkbox"/>
<p>2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.</p>	<input type="checkbox"/>
<p>3 Mild - Thought content is somewhat peculiar or idiosyncratic, or familiar ideas are framed in an odd context.</p>	<input type="checkbox"/>
<p>4 Moderate - Ideas are frequently distorted and occasionally seem quite bizarre.</p>	<input type="checkbox"/>
<p>5 Moderate severe - Patient expresses many strange and fantastic thoughts (e.g., being the adopted son of a king, being an escapee from death row) or some which are patently absurd (e.g., having hundreds of children, receiving radio messages from outer space through a tooth filling).</p>	<input type="checkbox"/>
<p>6 Severe - Patient expresses many illogical or absurd ideas or some which have a distinctly bizarre quality (e.g., having three heads, being a visitor from another planet).</p>	<input type="checkbox"/>
<p>7 Extreme - Thinking is replete with absurd, bizarre, and grotesque ideas.</p>	<input type="checkbox"/>

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<p>G10. Disorientation Lack of awareness of one's relationship to the milieu, including persons, place, and time, which may be due to confusion or withdrawal. Basis for rating: responses to interview questions on orientation.</p>	
<p>1 Absent - Definition does not apply</p>	<input type="checkbox"/>
<p>2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.</p>	<input type="checkbox"/>
<p>3 Mild - General orientation is adequate but there is some difficulty with specifics. For example, patient knows his location but not the street address, knows hospital staff names but not their functions, knows the month but confuses the day of week with an adjacent day, or errs in the date by more than two days. There may be narrowing of interest evidenced by familiarity with the immediate but not extended milieu such as ability to identify staff but not the Mayor, Governor, or President.</p>	<input type="checkbox"/>
<p>4 Moderate - Only partial success in recognizing persons, places, and time. For example, patient knows he is in a hospital but not its name, knows the name of his city but not the burrough or district, knows the name of his primary therapist but not many other direct care workers, knows the year and season but not sure of the month.</p>	<input type="checkbox"/>
<p>5 Moderate severe - Considerable failure in recognizing persons, place, and time. Patient has only a vague notion of where he is and seems unfamiliar with most people in his milieu. He may identify the year correctly or nearly so but not know the current month, day of week, or even the season.</p>	<input type="checkbox"/>
<p>6 Severe - Marked failure in recognizing persons, place, and time. For example, patient has no knowledge of his whereabouts, confuses the date by more than one year, can name only one or two individuals in his current life.</p>	<input type="checkbox"/>
<p>7 Extreme - Patient appears completely disoriented with regard to persons, place, and time. There is gross confusion or total ignorance about one's location, the current year, and even the most familiar people, such as parents, spouse, friends, and primary therapist.</p>	<input type="checkbox"/>

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<p>G11. Poor attention Failure in focused alertness manifested by poor concentration, distractibility from internal and external stimuli, and difficulty in harnessing, sustaining, or shifting focus to new stimuli. Basis for rating: manifestations during the course of interview.</p>	
<p>1 Absent - Definition does not apply</p>	<input type="checkbox"/>
<p>2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.</p>	<input type="checkbox"/>
<p>3 Mild - Limited concentration evidenced by occasional vulnerability, to distraction or faltering attention toward the end of the interview.</p>	<input type="checkbox"/>
<p>4 Moderate - Conversation is affected by the tendency to be easily distracted, difficulty in long sustaining concentration on a given topic, or problems in shifting attention to new topics.</p>	<input type="checkbox"/>
<p>5 Moderate severe - Conversation is seriously hampered by poor concentration, distractibility, and difficulty in shifting focus appropriately.</p>	<input type="checkbox"/>
<p>6 Severe - Patient's attention can be harnessed for only brief moments or with great effort. due to marked distraction by internal or external stimuli.</p>	<input type="checkbox"/>
<p>7 Extreme - Attention is so disrupted that even brief conversation is not possible.</p>	<input type="checkbox"/>

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<p>G12. Lack of judgment and insight Impaired awareness or understanding of one's own psychiatric condition and life situation. This is evidenced by failure to recognize past or present psychiatric illness or symptoms, denial of need for psychiatric hospitalization or treatment, decisions characterized by poor anticipation of consequences, and unrealistic short-term and long-range planning. Basis for rating: thought content expressed during the interview.</p>	
<p>1 Absent - Definition does not apply</p>	<input type="checkbox"/>
<p>2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.</p>	<input type="checkbox"/>
<p>3 Mild - Recognizes having a psychiatric disorder but clearly underestimates its seriousness, the implications for treatment, or the importance of taking measures to avoid relapse. Future planning may be poorly conceived.</p>	<input type="checkbox"/>
<p>4 Moderate - Patient shows only a vague or shallow recognition of illness. There may be fluctuations in acknowledgement of being ill or little awareness of major symptoms which are present, such as delusions, disorganized thinking, suspiciousness, and social withdrawal. The patient may rationalize the need for treatment in terms of its relieving lesser symptoms, such as anxiety, tension, and sleep difficulty.</p>	<input type="checkbox"/>
<p>5 Moderate severe - Acknowledges past but not present psychiatric disorder. If challenged, the patient may concede the presence of some unrelated or insignificant symptoms, which tend to be explained away by gross misinterpretation or delusional thinking. The need for psychiatric treatment similarly goes unrecognized.</p>	<input type="checkbox"/>
<p>6 Severe - Patient denies ever having had a psychiatric disorder. He disavows the presence of any psychiatric symptoms in the past or present and, though compliant, denies the need for treatment and hospitalization.</p>	<input type="checkbox"/>
<p>7 Extreme - Emphatic denial of past and present psychiatric illness. Current hospitalization and treatment are given a delusional interpretation (e.g.. as punishment for misdeeds, as persecution by tormentors, etc.), and the patient may thus refuse to cooperate with therapists, medication, or other aspects of treatment.</p>	<input type="checkbox"/>

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<p>G13. Disturbance of volition Disturbance in the wilful initiation, sustenance, and control of one's thoughts, behavior, movements, and speech. Basis for rating thought content and behavior manifested in the course of interview.</p>	
<p>1 Absent - Definition does not apply</p>	<input type="checkbox"/>
<p>2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.</p>	<input type="checkbox"/>
<p>3 Mild - There is evidence of some indecisiveness in conversation and thinking, which may impede verbal and cognitive processes to a minor extent.</p>	<input type="checkbox"/>
<p>4 Moderate - Patient is often ambivalent and shows clear difficulty in reaching decisions. Conversation may be marred by alternation in thinking, and in consequence verbal and cognitive functioning are clearly impaired.</p>	<input type="checkbox"/>
<p>5 Moderate severe - Disturbance of volition interferes in thinking as well as behavior. Patient shows pronounced indecision that impedes the initiation and continuation of social and motor activities, and which also may be evidenced in halting speech.</p>	<input type="checkbox"/>
<p>6 Severe - Disturbance of volition interferes in the execution of simple, automatic motor functions, such as dressing and grooming, and markedly affects speech.</p>	<input type="checkbox"/>
<p>7 Extreme - almost complete failure of volition is manifested by gross inhibition of movement and speech, resulting in immobility and/or mutism.</p>	<input type="checkbox"/>

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<p>G14. Poor impulse control Disordered regulation and control of action on inner urges resulting in sudden, unmodulated, arbitrary, or misdirected discharge of tension and emotions without concern about consequences. Basis for rating: behavior during the course of interview and reported by primary care workers or family.</p>	
<p>1 Absent - Definition does not apply</p>	<input type="checkbox"/>
<p>2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.</p>	<input type="checkbox"/>
<p>3 Mild - Patient tends to be easily angered and frustrated when facing stress or denied gratification but rarely acts on impulse.</p>	<input type="checkbox"/>
<p>4 Moderate - Patient gets angered and verbally abusive with minimal provocation. May be occasionally threatening, destructive, or have one or two episodes involving physical confrontation or a minor brawl.</p>	<input type="checkbox"/>
<p>5 Moderate severe - Patient exhibits repeated impulsive episodes involving verbal abuse, destruction of property, or physical threats. There may be one or two episodes involving serious assault, for which the patient requires isolation, physical restraint, or p.r.n. sedation.</p>	<input type="checkbox"/>
<p>6 Severe - Patient frequently is impulsively aggressive, threatening, demanding, and destructive, without any apparent consideration of consequences. Shows assaultive behavior and may also be sexually offensive and possibly respond behaviorally to hallucinatory commands.</p>	<input type="checkbox"/>
<p>7 Extreme - Patient exhibits homicidal attacks, sexual assaults, repeated brutality, or self-destructive behavior. Requires constant direct supervision or external constraints because of inability to control dangerous impulses.</p>	<input type="checkbox"/>

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<p>G15. Preoccupation Absorption with internally generated thoughts and feelings and with autistic experiences to the detriment of reality orientation and adaptive behavior. Basis for rating: interpersonal behavior observed during the course of interview.</p>	
<p>1 Absent - Definition does not apply</p>	<input type="checkbox"/>
<p>2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.</p>	<input type="checkbox"/>
<p>3 Mild - Excessive involvement with personal needs or problems, such that conversation veers back to egocentric themes and there is diminished concern exhibited toward others.</p>	<input type="checkbox"/>
<p>4 Moderate - Patient occasionally appears selfabsorbed, as if daydreaming or involved with internal experiences, which interferes with communication to minor extent.</p>	<input type="checkbox"/>
<p>5 Moderate severe - Patient often appears to be engaged in autistic experiences, as evidenced by behaviors that significantly intrude on social and communicational functions, such as the presence of a vacant stare, muttering or talking to oneself, or involvement with stereotyped motor patterns.</p>	<input type="checkbox"/>
<p>6 Severe - Marked preoccupation with autistic experiences, which seriously delimits concentration, ability to converse, and orientation to the milieu. The patient frequently may be observed smiling, laughing, muttering, talking, or shouting to himself.</p>	<input type="checkbox"/>
<p>7 Extreme - Gross absorption with autistic experiences, which profoundly affects all major realms of behavior. The patient constantly may be responding verbally and behaviorally to hallucinations and show little awareness of other people or the external milieu.</p>	<input type="checkbox"/>

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<p>G16. Active social avoidance Diminished social involvement associated with unwarranted fear, hostility, or distrust. Basis for rating: reports of social functioning by primary care workers or family.</p>	
<p>1 Absent - Definition does not apply</p>	<input type="checkbox"/>
<p>2 Minimal - Questionable pathology; may be at the upper extreme of normal limits.</p>	<input type="checkbox"/>
<p>3 Mild - Patient seems ill at ease in the presence of others and prefers to spend time alone, although he participates in social functions when required.</p>	<input type="checkbox"/>
<p>4 Moderate - Patient begrudgingly attends all or most social activities but may need to be persuaded or may terminate prematurely on account of anxiety, suspiciousness, or hostility.</p>	<input type="checkbox"/>
<p>5 Moderate severe - Patient fearfully or angrily keeps away from many social interactions despite others' efforts to engage him. Tends to spend unstructured time alone.</p>	<input type="checkbox"/>
<p>6 Severe - Patient participates in very few social activities because of fear, hostility, or distrust. When approached, the patient shows a strong tendency to break off interactions, and generally he tends to isolate himself from others.</p>	<input type="checkbox"/>
<p>7 Extreme - Patient cannot be engaged in social activities because of pronounced fears, hostility, or persecutory delusions. To the extent possible, he avoids all interactions and remains isolated from others.</p>	<input type="checkbox"/>