

SCHIZOPHRENIA

**Presented by
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OBJECTIVES

- **Discuss various theories/models of causation of schizophrenia**
- **Describe progression of symptoms and course of the disease**
- **Differentiate between positive and negative symptoms**
- **Differentiate between subtypes of schizophrenia**

OBJECTIVES CONT.

- **Formulate nursing DX (NANDA)**
- **Identify nursing outcomes (NOCS)**
- **Identify nursing interventions (NOCS)**
- **Identify Treatment Options**

Schizophrenia Defined

- **Major Mental Illness**
- **Psychotic signs and symptoms**
- **Marked by profound withdrawal from IPR along with severe cognitive and perceptual difficulties**

Schizophrenia def. Cont.

- **Differs from other psychotic disorders in its:**
 - .Severity
 - .Affect
 - .Intellect
 - .Regression

Schizophrenia def. Cont.

- **Schizophrenia is a disorder of:**
 - .Thinking
 - .Perceiving
- **Usually manifests in late adolescence or early twenties**

Theories of Schizophrenia

- **Biological Models**
 - .Dopamine Hypotheses
 - .Genetic Hypotheses
 - .Neuroanatomical Studies

Theories cont.

- **Environmental Models**
 - .Family Theory model
 - Double bind communication
 - Scapegoating

Miscellaneous Theories

- **Viral Hypothesis**
- **Birth and Pregnancy Complications**
- **Stress Related Theories**

Assessment

- **Bleuler's Four A's**
 - .Affect
 - .Associative Looseness
 - .Autism
 - .Ambivalence

Prodromal Symptoms

- **Severe anxiety**
- **Severe distractibility**
- **Person feels "strange"**
- **Symbolization, mystical thinking**
- **Profound withdrawal, isolation, rejection, paranoid thinking**

Prodromal cont.

- **Preoccupation with religion**
- **Altered sexuality, preoccupation with homosexual themes, masturbatory behavior**
- **Speech and language disturbance**

Assessment cont.

- **DSM IV Criteria (Page 389)**
- **Text Box 20-2 (p.391)**
 - .Positive symptoms
 - .Negative symptoms
 - .Associated symptoms

Assessment of Positive Symptoms

- **Alterations in Thinking**
- **Alterations in Perceiving**
- **Alterations in Behavior**
- **Paranoia**

Alterations in Thinking

- **Delusions**
 - .Fixed false beliefs that cannot be corrected by reason

Types of Delusions

- **Textbook (Table 20-1, p. 392)**
- **Delusion of persecution**
- **Delusions of grandeur**
- **Somatic Delusions**
- **Ideas of Reference**
- **Delusions of Control**

Alterations in Thinking cont.

- **Associative Looseness**
 - **Lack of connection between thoughts, illogical thinking, confused speech (just doesn't make sense)**
 - **Looseness of Association is a hallmark defining characteristic of schizophrenia**

Thinking disturbance cont.

- **Neologisms**
 - **Made up words that hold symbolic meaning for the client with schizophrenia**
- **Concrete Thinking**
 - **Lack of ability to use abstraction**

Thinking Dist. Cont.

- **Echolalia**
 - Repetition of another's words
 - Makes meaningful communication impossible
- **Clang Association**
 - Meaningless rhyming of words
- **Word Salad**

Alterations in Perceiving

- **Hallucinations**
 - .Sensory perception in the absence of external stimuli
 - .Auditory, visual, olfactory, tactile and gustatory (Table 20-2, p. 394)

Hallucinations cont.

- **Most common in Schizophrenia is auditory followed by olfactory**
- **Tactile and Visual more common in organic conditions (dementia, acute alcohol withdrawal).**

**Alterations in Perceiving
cont.**

- **Loss of Ego Boundaries**
 - .**Depersonalization**
 - **Feeling a loss of one's identity**
 - **Feeling unreal**
 - **Feeling one's body parts have become altered**
 - .**Derealization**
 - **False perception that the environment has changed**

Alterations in Behavior

- **A variety of behaviors are observable in schizophrenia and are classified under positive symptoms**

**Behavioral Alterations
cont.**

- **Extreme Motor Agitation**
- **Stereotyped behaviors (rituals)**
- **Automatic Obedience**
- **Waxy Flexibility**
- **Agitated and Aggressive Behavior**

Negative Symptoms

- **Deficits in Interpersonal Relationships**
- **Severe communication problems**
- **Severe occupational problems**
- **Inability to make decisions**
- **Significant deficits in ability to carry out ADL's**

Negative Symptoms cont

- **Affective Blunting**
- **Anergia**
- **Anhedonia**
- **Avolition**
- **Poverty of speech, both in thought and content**
- **Thought blocking**

Associated Symptoms

- **Depression and Suicide**
- **Water Intoxication**
- **Violent Behavior**
- **Substance Abuse (Dual Diagnosis)**

Cognitive Symptoms

- **30%-40% affected**
- **Involves difficulty with:**
 - **Attention**
 - **Memory**
 - **Executive functions (decision making and problem solving)**

Cognitive symptoms cont.

- **Degree of cognitive deficit assoc. with severity of negative symptoms**
- **Degree of disorganized thinking reflects degree to which disorganized speech, disorganized behavior, or inappropriate affect is present**

Nursing Diagnosis

- **Delusions**
 - . **Altered Thought Process**
- **Hallucinations**
 - . **Sensory Perceptual Alteration**
- **Impaired Communication**
- **Social Isolation**
- **Risk for violence**

Outcome Criteria

- **Primary Prevention**
- **Secondary Prevention**
- **Tertiary Prevention**

Nursing Interventions

- **Communicating with a client who is experiencing delusions and hallucinations**
 - .Assess nature of hallucination and delusion
 - .Do not argue but respond to theme of hallucination and delusion

Communication cont.

- **Look for environmental triggers in for anxiety**
- **Decrease anxiety**
- **Provide a predictable structured environment**
- **Accomplishable Structured activities**

Communication cont.

Goals of nurses communication

- **Make patient feel safe and secure**
- **Promote self-esteem**
- **Decrease isolation**

Nursing Interventions cont.

- **Assist with ADL's**
- **Intervene on aggressive and violent behavior**
- **Decrease social isolation**
- **Problem solving and stress management interventions**

Nursing Intervention's cont.

- **Client's Family**
 - .**Social stigma**
 - .**Teaching**
 - .**Support**
 - .**Minimize isolation**

Additional Notes

- **Defense Mechanisms**
 - .Projection
 - .Regression
 - .Symbolization

Additional Notes cont.

- **Treatment Options**
 - .Inpatient
 - .Outpatient
 - .Vocational rehabilitation
 - .Homelessness (MTT)

Treatment Options cont.

- **Family Burn-out (Respite Care)**
- **Group Homes**
- **Supervised Apartment**
- **Elderly population**
