

Psychiatry

World of Revision
Marrow

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PSYCHOSIS RELATED DISORDERS

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Psychotic Disorders

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- Loss of touch with reality.
- marked disturbance in :
 - Thoughts (Disorganized, illogical or fragmented).
 - Perception (Hallucinations).
 - Emotions (Blunted, inappropriate or labile affect).
 - Behaviour (Disorganized or catatonic actions).
- E.g. : Schizophrenia, delusional disorder.

Psychotic vs. Neurotic Disorders :

Neurotic disorders :

- Generalized anxiety disorder
- Obsessive compulsive disorder

c/f : JIPR (mnemonic)

- Judgement
- Insight
- Personality
- Reality

⊕/↓

Psychotic disorders :

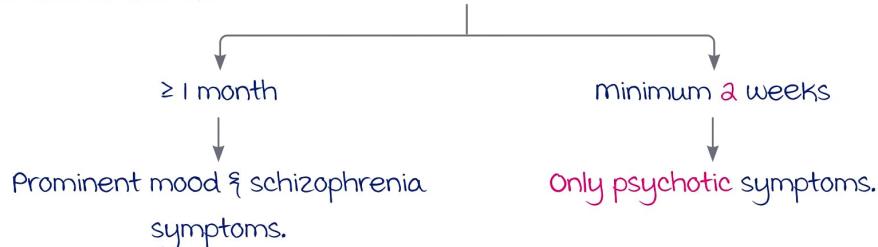
- Schizophrenia.
- Delusional disorders.

Timelines for Diagnosis :

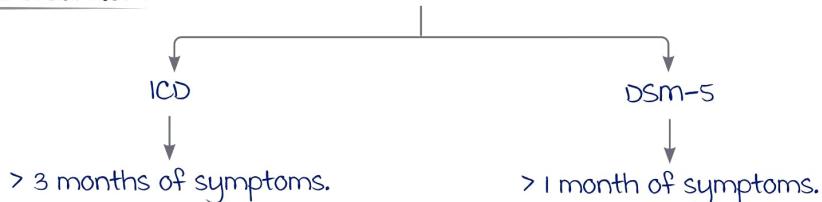
Psychotic disorders :

Duration	ICD	DSM-5
< 1 month	Acute & transient psychosis	brief psychotic disorder
1 - 6 months	Schizophrenia	Schizophreniform illness
> 6 months	Schizophrenia	Schizophrenia

Schizoaffective disorder :



Delusional Disorder :



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Schizophrenia : Introduction

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Bleuler :

- Coined the term 'schizophrenia'.
- 4 A's :

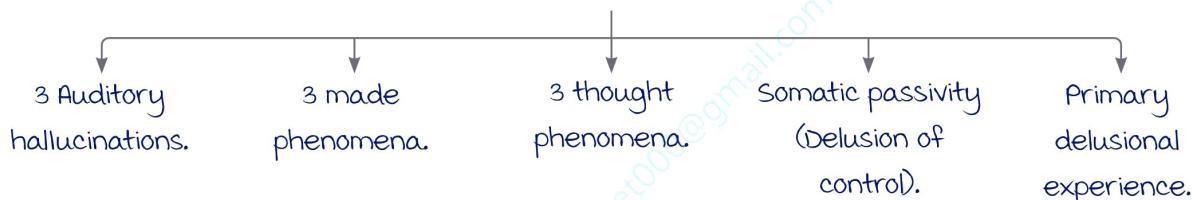


Note :

Auditory hallucination is not a part of 4 A's.

Positive symptoms :

Kurt Schneider's 11 first rank Symptoms :

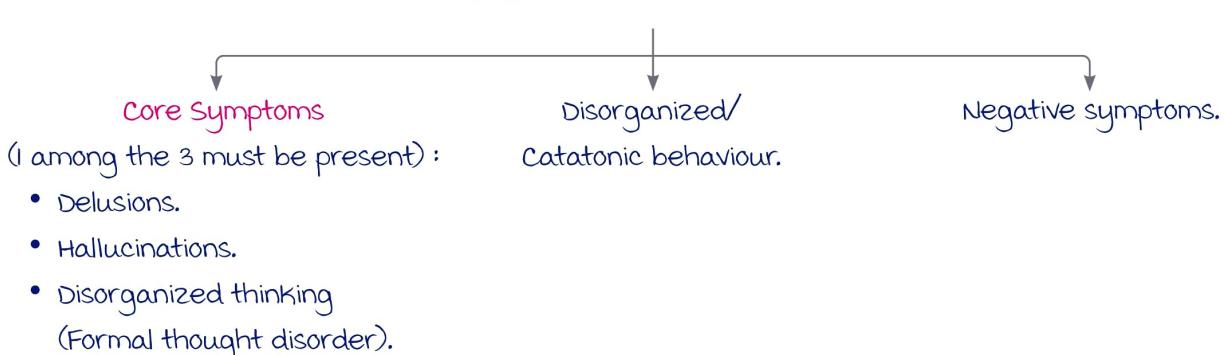


Negative symptoms :

- Apathy.
- Avolition.
- Affective flattening.
- Attention deficit.
- Anhedonia :
 - Loss of pleasure in previously pleasurable activities.
 - Also seen in depression.
- Alogia.

Diagnosis of Schizophrenia :

At least 2 of the following symptoms > 1 month (ICD) / > 6 months (DSM)



Schizophrenia : C/F

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Delusions :

- False & fixed belief.
- m/c delusion : Paranoid/Persecutory delusion.

Note :

Idea : False & fluctuating belief.

Named delusions :

		Features
Othello syndrome		<ul style="list-style-type: none"> • Delusional jealousy/delusion of infidelity • Common in chronic alcoholics
De Clerambault syndrome		Erotomania/delusion of love
Cotard syndrome/ Walking corpse syndrome		Severe depression + nihilistic delusion (Delusion of negation)
magnan syndrome		<ul style="list-style-type: none"> • AKA cocaine psychosis/cocaine bugs/formication • Delusions of persecution + tactile hallucination (Insects crawling under skin)
Ekbom syndrome	⌚	<ul style="list-style-type: none"> • Delusional parasitosis • match box sign • Type of restless leg syndrome
Delusions of misidentification	Capgras syndrome	<ul style="list-style-type: none"> • Known person → Stranger • Negative misidentification/delusion of doubles
	Fregoli syndrome	<ul style="list-style-type: none"> • Stranger → Persecutor • Positive misidentification

Delusional disorder vs. Schizophrenia :

	Delusional disorder	Schizophrenia
Core symptom	Delusions	Delusions +Other psychotic symptoms
Delusion type	Simple	Complex & bizarre
Vegetative symptoms (Sleep & appetite)	Normal	Affected
Daily functioning	Normal	Affected

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Hallucinations :

Types :

	m/c associated disorder 
Visual	Organic mental illness (Neurocognitive disorders)
Auditory	Schizophrenia
Tactile	magnan syndrome

- True hallucination : Originates from **outer objective space**.
- Pseudo hallucination : Originates from **inner subjective space**.

Formal Thought Disorder :

- Disturbance in healthy thinking (Constancy + continuity + organization).
- AKA disorder of thought form/disorganized thinking/**word salad** (verbigeration).

Features  :

- Derailment.
- Tangentiality.
- Neologism.
- Syllogistic thinking.
- Autistic thinking.

Catatonia :

Etiology : **Frontal lobe** dysfunction.

- mood disorders (mania > Depression).
- Schizophrenia.
- Organic/Neurocognitive conditions.

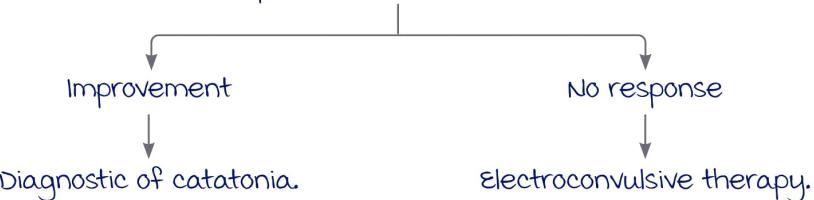
Clinical features  :

- **Psychological pillow** : Neck remains elevated even upon removal of pillow.
- Automatic obedience.
- **Catalepsy** : maintain same posture for a long time.
- Waxy flexibility.

Treatment  :

Lorazepam trial test :

IV Lorazepam TID/QID for 48 - 72 hrs



Schizophrenia : Prognostic Factors

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	Good factors	Bad factors
Gender 	Female	male
Onset	Acute	Young & insidious
Precipitating factors	⊕	⊖
Premorbid functioning	Well adjusted	Poor
mood symptoms	⊕	⊖
Family h/o	Schizophrenia	-
	mood disorder	⊕
Compliance to medication	⊕	⊖
Family & emotional support	⊕	⊖
Symptoms	more positive	more negative
Neurological signs/symptoms	⊖	⊕
H/o perinatal trauma	⊖	⊕
H/o assaultive behaviour	⊖	⊕
Relapses	-	multiple

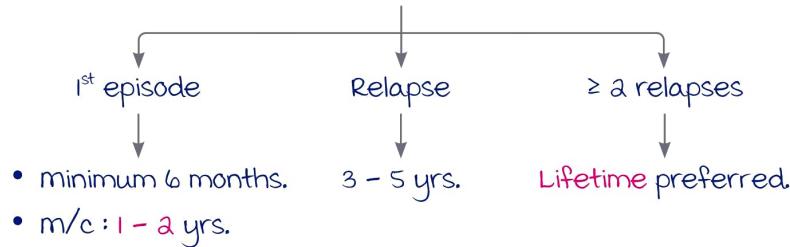
Antipsychotics

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Types :

Generation	Key points
First	Neurotoxicity
Second	metabolic toxicity
Third	<ul style="list-style-type: none"> Partial agonist at D_2 & 5-HT_{1A} receptor Examples : ABC. <ul style="list-style-type: none"> - Aripiprazole - Brexpiprazole - Cariprazine
Newer antipsychotics	<ul style="list-style-type: none"> Pimavanserin : <ul style="list-style-type: none"> - Inverse agonist (At 5HT2A) - Rx of Parkinson's disease Xanomeline + Trospium : <ul style="list-style-type: none"> - Act on muscarinic system

----- Active space ----- Duration of treatment :

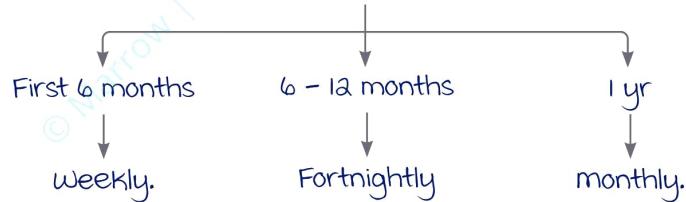


Clozapine :

Advantages	Disadvantages
<ul style="list-style-type: none"> most effective minimal EPS minimal hyperprolactinemia 	<p>Severe s/e :</p> <ul style="list-style-type: none"> myocarditis Agranulocytosis (~ 1% cases) <p>Other s/e :</p> <ul style="list-style-type: none"> Weight gain Sedation Hyperglycemia Dyslipidemia Sialorrhea ↓ Seizure threshold (dose dependent risk)

monitoring for agranulocytosis :

- Agranulocytosis : Absolute neutrophil count (ANC) < 500.
- Regular blood tests (Total % differential WBC count) :



Indication : DOC for treatment resistant schizophrenia (redacted)

(Refractory to two different antipsychotics).

Effects of Antipsychotics 🧠 :

Drug	Effect
Quetiapine	Cataract
Risperidone	<ul style="list-style-type: none"> CVA Hyperprolactinemia (max)
Olanzapine	CVA
Atypical antipsychotic	Weight gain
Ziprasidone	<ul style="list-style-type: none"> Weight neutral Cardiotoxicity