

Schizophrenia Spectrum

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1-Schizotypal personality disorder

2-Schizophrenia .

3-Brief psychotic disorder

4-Schizophreniform disorder

5-Delusional disorder

6-Schizoaffective disorder

Schizotypal personality disorder

- 1-Magical thinking and odd belief***
- 2-Idea of reference***
- 3-paranoid ideation***
- 4-illusion***
- 5- Difficult to maintain close relationship with others***

schizophrenia

Historical Background

- Morel 1856 → Demence precox

→
- Emil kreasline 1898 : Dementia precox

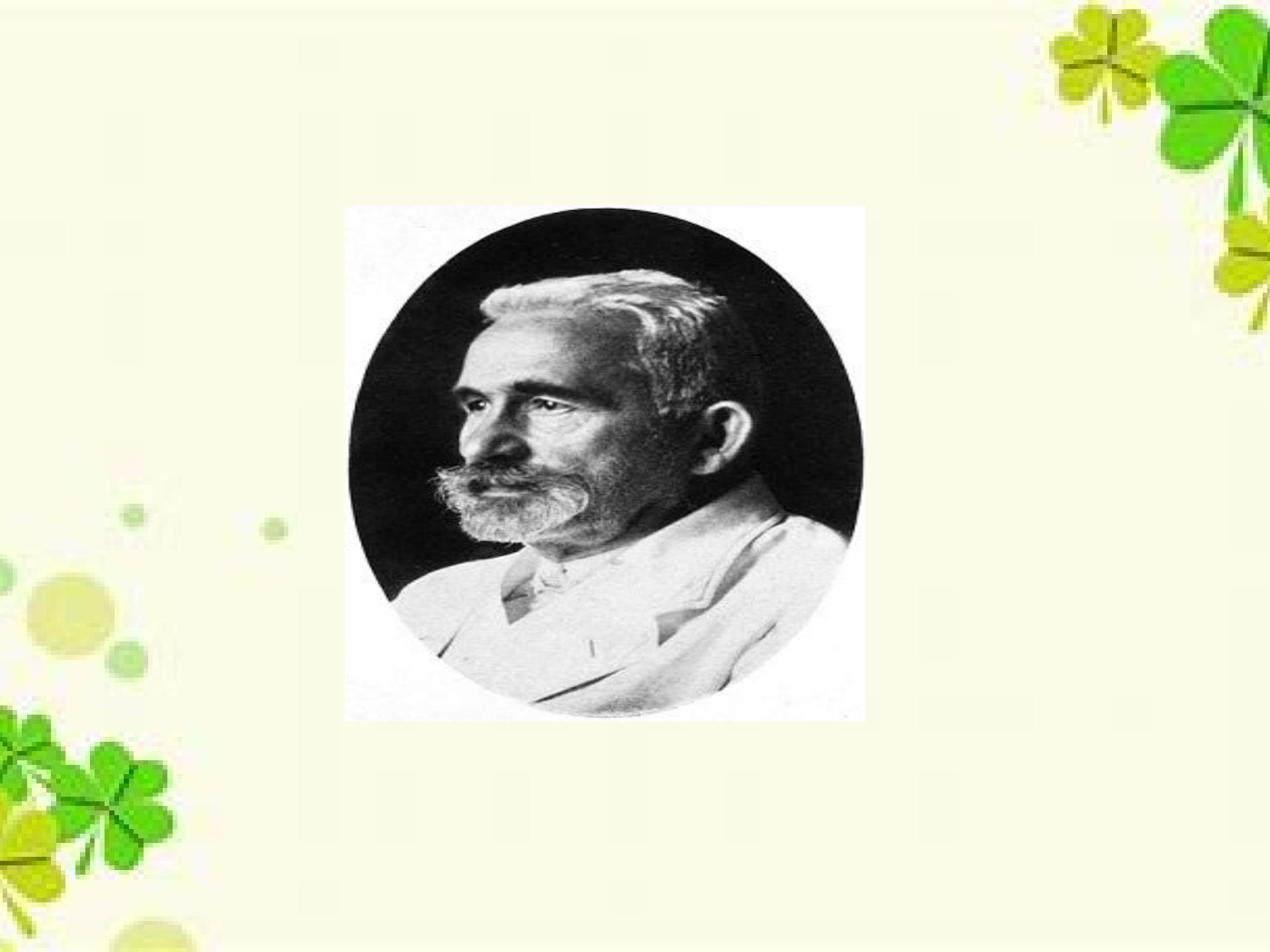
- Bluler 1911 → schizophrenia →

4 As: 1. Association

2. Affect

3. Ambivalence

4. Autism





kraepline

Bluler

1. Etiology as organic in origin(neuropathological changes)An British school	1. Psychological in origin an USA school
2. Age : younger age	2. At any age
3. Dx mixture of delusion &Hallucination &disorder of volition &social isolation	3. DX. By 4 As while delusion &H. is secondary
4. Prognosis : progressive &deterioration	4. May be improve

Schniderian First Rank Symptoms

- 1. Auditory . H**
 - a. Though echo**
 - b. Third person**
 - c. Running commentary**
- 2. Thought alienation :**
 - a) Thought insertion**
 - b) Thought withdrawal**
 - c) Thought Broad casting**
- 3. Passivity phenomenon :**
 - a. made action**
 - b. made impulse**
 - c. made affect**
 - d. somatic sensation**
- 4. Delusional perception**



Feinghner criteria 1972

1. Delusion and hallucination of any type or clear thought disorder
2. Age before 40
3. Poor premorbid social adjustment
4. unmarried
5. 6 month duration
6. No having prominent manic or depressive symptom s

Epidemiology

- Prevalence 0.8% of general population
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 - All level of I.Q.
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 - Usually equal male and female, may slightly increase in male
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 - Age : → younger age group 15-20 year, but can occur in old age group.
 - Occur in all races.
 - Birth order in first & last one
 - Social class low social class
 - Season of birth in late winter and early spring

DSM5 criteria of Schizophrenia.

A-Tow or more of the following , each present for a significant portion of time during a 1 month period

1. Delusion
2. Hallucination
3. Disorganized speech
4. Grossly disorganized or catatonic behavior
5. Negative symptoms

B. Impair of social & occupational functioning inthe work , relation with friends , self- care

C. Duration 6 months .

D. exclude schizoaffective & mood disorder

E. Exclude subst-abuse or general Medical condition

Brif psychotic reaction

1-One of the following (must first three is present)

- A. Delusion
- B. Hallucination
- C. Disorganized speech
- D. Grossly disorganized or catatonic behavior

2-Duration : at least 1 day but must be less than 1 month and full return to normal condition

Schizophreniform disorder

Same Criteria of schizophrenia but less than 6 month

Schizoaffective

Is present of schizophrenic and affective symptoms (Depression or Mania) simultaneously.

Delusional disorder

1. Non Bizarre (systematized delusion or monosymptomatic delusion)
2. Not present of auditory . H. but olfactory or tactile .H may be present .
3. Age above 30-40 year
4. Personality usually intact

-Jealous
-paranoid
-somatic
-erotomaniac
-grandiose

_ Folie Adeux

Ex : Hypochondriasis , Eratomania , Dysmorphophobia, morbid jealousy

Schizophrenia like Umbrella



Types of schizophrenia

- 1. Paranoid type**
- 2. Catatonic type**
- 3. Disorganized type**
- 4. Undifferentiated**
- 5. Residual type**

Etiology

1. Biological (organic) theory
2. Environmental theory

1. **Biochemical** → changes in Brain amines (Dopamine theory). → Amines in CSF of ventricle . & in spinal cord .

2. **Endocrine** : changes in endocrine hormones during growth &development .

a. It is occur during adolescent due ↑ in production of endocrine hormones so emotional features occur with psychotic symptoms

b. Postnatal period (postnatal psychosis)

c. Post menopausal → hormones.

d. Catatonic features : temperature , sweating, skin slow in circulate , weak pulse ,and confusion ↑ greasy

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- 3. Neurophysiological changes : activity at EEG**
 - 4. Ventricle : enlarge of lateral ventricle**
 - 5. Increase in Fibrillary gliosis : in per ventricular structure**
 - 6. Hypofrontality : decrease Blood flow to frontal lobe .**
 - 7. MAO activity of platelets is decreased in schizophrenia .**
 - 8. Eye tracking movement : is impaired in schizophrenia**
- Normally watch (rhythmically move object) , eye follow it rhythmically also.**

Environmental factors

1-Pathological relationship in the family

A- Schizophrenogenic Mother : over protection , hostile,

B-Double bind theory by Bateson: the parents give inappropriate command to the child , so the child expect punishment in every response to the command , so he try to avoid punishment (as he behave as he no understand other)

C-Parents of schizophrenia are psychiatrically ill

2. Stressful life event more in three weeks before onset of illness

3. High expression emotion : schizophrenia more when live with relative or wife who give critical comment about them

4. sociocultural state : socioeconomic status more in poor person , central area of city over crowded as in immigrants

Symptomatology

1. Disorder of thinking
 2. Disorder of affect
 3. Delusion
 4. Hallucination
 5. Disorder of volition
 6. Disorder of motility
1. Loss of association , word salad , thought block ,rigidity of thought ,paralogism , neologies strange language
 2. Flat affect , liability of mood , incongruity of effect , apathetic , mask face parkinsonian face
 3. primary and secondary delusion idea of referral
 4. Hallucination :auditory. H
 5. Passivity phenomenon: automatic obedience (pt carry out every instruction regardless to the consequences)
 6. Waxy flexibility : echo praxis, postural psychological pillo , stereotype movement

Differential Diagnosis

1. Organic psychosis . T.B
2. Mood disorder
3. Psychosis due to general medical condition
4. P. D : schizotypal , borderline , schizoid
5. Drug induce psychosis
6. Mental retardation
7. Malingering

Prognosis

1. Type A → Improve never recur
2. Type B → Improve completely every relapse
3. Type C → Improve not completely after every relapse
and deteriorate more with successive relapse
4. Type D → Deteriorated from first attack

Good prognostic signs

1. Acute onset .
2. Stressful life event .
3. Family History of Depression
4. No Family history of schizophrenia .
5. No schizoid trait in premorbid personality
6. Present of affective symptoms
7. Married
8. High I.Q
9. Old age group
10. Employment
11. Women
12. Paranoid and catatonic

Treatment

- 1. physical .**
- 2. social therapy .**
- 3. psychotherapy**
- 4.psychosurgery**

a. Admission to the hospital for

- Treat excitement .
- Life saving.
- For ECT .
- For catatonic patient .
- Need investigation .

b. As out patient

Acute phase

- By injection –chlorpromazine 1-m
 - Haloperidol i.v
 - olanzepine +Lorazepam i.M every 2 hour

Drugs

-Typical

-Atypical

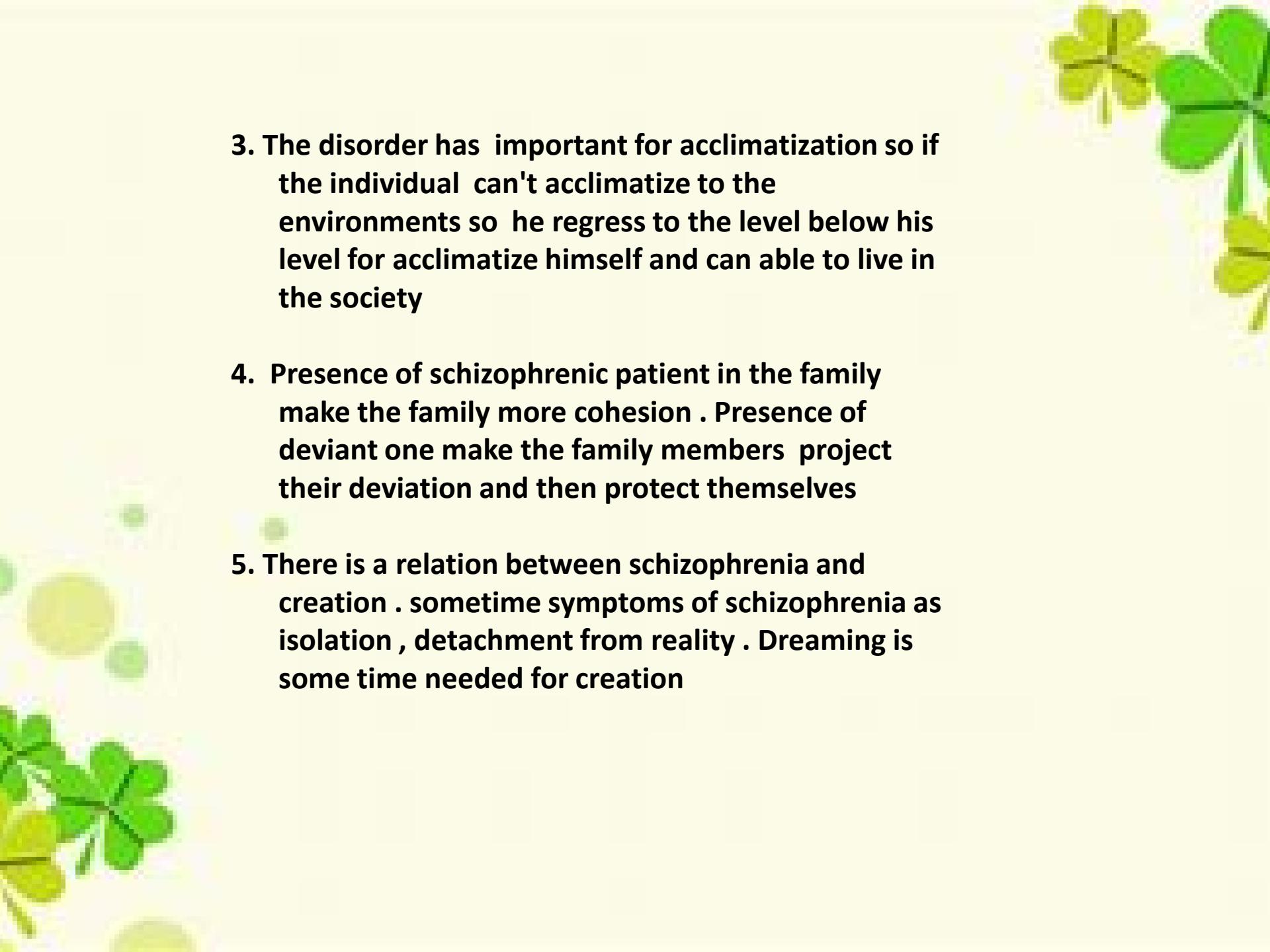
-ECT

The benefit of schizophrenia

There is benefit from the schizophrenic patient to the himself or to the family .

1. There is a hereditary factors in schizophrenia , so this indicate symptoms in the past had a role in certain social situation ,so the continuation of disorder till now ,it mean there is a continuation of its need . It mean that there is certain behavior in past was important to make him alive (which is now considered as symptoms)

1. Human being in the past needs the suspiciousness and (inner power)to defense himself against dangerous and now also need these symptoms because of complexity of society , so the symptoms transmitted by genes because of need to it.

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- 3. The disorder has important for acclimatization so if the individual can't acclimatize to the environments so he regress to the level below his level for acclimatize himself and can able to live in the society**
 - 4. Presence of schizophrenic patient in the family make the family more cohesion . Presence of deviant one make the family members project their deviation and then protect themselves**
 - 5. There is a relation between schizophrenia and creation . sometime symptoms of schizophrenia as isolation , detachment from reality . Dreaming is some time needed for creation**

ورده النار في رماد الحديقة أنت
صهرت في الجحيم وأينعت في الجنان

- المتوجون في الغبار
- كعابري سبيل
- نسو خطواتهم في الريح
- واحتموا بهيكل التراب

قال المتنبي

- يخلو من الهم أخلاهم من الفطن
- على الحر من سقم على بدن
- إنما نحن في جيل سواسية شر
- العارض الهن ابن العارض الهن ابن العارض الهن
- أفضل الناس لذا الزمان

Thank You

