Schizophrenia

- Schizo - means split
- Phreno - means mind
- Not a split in the mind, as with multiple personality disorder
- Mind split from reality

Disruptions in functioning

- Thought and Language
- Attention and Perception
- Motor Skills and Life Functioning

Example of Disruptions of Language

“Don’t touch me! Especially don’t touch my shoes! I like my shoes. They have special powers. The movie can’t start until I remove my shoes. Choose...Choose... Juice... Do you like juice?”

Disruptions of Thought and Language

- Incoherence
- Poverty of speech
- Loosening of associations
- Clang associations
  - Linking rhyming words
- Lack of insight
Disruptions in functioning
- Thought and Language
- Motor Skills and Life Functioning

Female: The body was buried on Moll Legg Island beside the ahead listen aim somebody North Carolina
Male: We point veiled their many wife he tussles last other grave and a cross put at its head.

Disruptions of Attention and Perception
- Problems directing their own focus and attention
- Breakdown of attentional filter
- Noises louder & colors more intense

Disruptions of Attention and Perception
- Hallucinations (auditory, & visual)
- false sensory experience that has a compelling sense of reality

Disruptions in functioning
- Thought and Language
- Attention and Perception

Disruption in Motor Skills and Life Functioning
- strange facial expressions
- peculiar sequence of gestures
- agitation or catatonic immobility
Disruption in Motor Skills and Life Functioning
- limited social skills
- can't cope with school or hold a job
- ignore personal hygiene

Development of Schizophrenia
- Prodromal Phase
  - Patients do not show enough symptoms to be categorized as Schizophrenic, but still show some symptoms
  - Can last for many years
- Psychosis Phase
- Treatment Phase

Types of Schizophrenia
1) Schizophrenic Paranoid
- systematized delusions (false beliefs)
- extensive auditory hallucinations
- think others are conspiring against them

Four Types of Schizophrenia
2) Schizophrenic Disorganized
- eat dirt or own body products
- silliness, incoherence, unclean

Types of Schizophrenia
3) Schizophrenic Catatonic
- Episodes of being withdrawn and non communicative
- frozen or excited motor behavior
- Limb will stay in the position you put it

Four Types of Schizophrenia
4) Schizophrenic Residual/Undifferentiated
- absence of delusions, hallucinations, & incoherence
- flat affect, peculiar behavior
Identify which type of Schizophrenia is demonstrated below

- Mickey laughed while a doctor was telling him about an accident his mother had been in
- Donald believes he is the King of France and that people around him are plotting to take him down
- Tweety was finally caught by Sylvester when he was unable to run, because of getting stuck in one position
- Bugs lost his job due to poor hygiene and his inability to communicate to customers

Causes of Schizophrenia

1) Biological
   - Tissue loss

Neurological Causes of Schizophrenia

- Enlarged ventricles
- Shrunken Hippocampus

Genetic Causes of Schizophrenia

- Heritability Index of 46%
- For fraternal twins only 14% chance
- Children of a Schizophrenic patient: 14% chance

Causes of Schizophrenia

2) Psychological
   - early childhood experiences
     - Neglect
     - Physical abuse
     - Sexual abuse
### Causes of Schizophrenia

#### 3) Sociocultural
- 8 times more schizophrenics among poor people
- Poverty or social stress trigger schizophrenia or schizophrenics can’t hold jobs which leads to poverty status

#### 4) Diathesis-Stress Model
- Predisposition for schizophrenia
- Triggers when person encounters great stresses

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### Treatments for Schizophrenia

#### In the past
- Most schizophrenics locked in asylums
- Given sedatives
- Mid 1930’s: Insulin Coma Therapy

#### Insulin Coma Therapy
- Give patients Insulin
  - Aids in the digestion of glucose (sugar)
- When enough insulin was given, patients went into a coma
  - 1-10% mortality rate
- Main treatment used through the 60’s

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#### Late 1950’s
- First true drug for treating schizophrenia
- Antihistamines (as now taken for allergies)

#### Now
- Dopamine blocking drugs