

Perception disorders

Assistant professor

Dr .Akeel Al sabbagh

Consultant psychiatrist

Perception disorders

It includes all five senses

1. **Illusions** : False perception with a real external stimulus ,seen in normal individuals especially with stress , fear & anxiety ,organic state as dementia & delirium, and also can be seen in schizophrenia . *

intellectual misinterpretation :

2. **Hallucinations** : False perception without an external stimulus, it is always pathological & never occur in normal individuals .

Causes of hallucinations :

- a. **Emotional** : as in severe depression with guilt feeling , usually leads to auditory hallucinations .
- b. **Suggestions** :
- c. **Disorders of peripheral sense organs** ex : is glaucoma, cataracts .. etc

Types of hallucinations : -

Auditory

- Visual

-Tactile

-- Olfactory

-- Gustatory –taste

A. Auditory hallucinations: Occurs in functional psychosis as schizophrenia ,depression, &can occur in organic state .

B. Visual hallucinations: Usually , occurs in organic state as dementia ,but can occur in functional state .

Subtypes of visual hallucinations :

***Scenic hallucinations:**

The patient sees a living objects as move but with no sounds as cinema occurs in temporal lobe epilepsy (TLE).

***Mass hallucination :**

Scenic hallucination +Auditory hallucination (movie with sound) seen in chronic schizophrenia

***Lilliputian hallucination .**

Visual hallucination of tiny objects, seen in alcoholism & substance abuse (cocaine)

C-Tactile hallucination (formication)

It is feeling of bugs or insects crawling over the body or under his skin , usually seen in organic state as in cocaine psychosis (cocaine bug); it is a tactile hallucination in addition to a false belief that there are animals crawling on his body (delusion + hallucination)

Functional hallucination

False perception in which there is a real stimulus that precipitate it , so real stimulus + hallucination . Both the stimulus &hallucination is of the same modality -----both are visual or auditory

Reflux Hallucination

Same as functional , but the stimulus &hallucination are of different modalities e.g. Visual stimulus ----- auditory hallucination

Extra campine hallucination

The hallucinations are out of the limit of the sensory fields (e.g. seeing a visual hallucination of someone standing behind him) occurs in organic state &schizophrenia

Autos copy: There are three types

1- Positive autos copy

A visual hallucination at which the patient sees himself & know that this is how he looks

11-Negative autos copy

When the patient looks in the mirror , he will not see himself

111- internal autos copy

When the patient looks at himself , he can see his internal organs

Extra ordinary modification :

A type of illusion (fantastic illusion) , in which there is a modification of the external environment of the patient (e.g. when the patient looks at the mirror , he sees himself as an animal), usually occurs in organic state & chronic schizophrenia

Pseudo- hallucinations :

False perception with no external stimulus, it differs from true hallucination by presence of insight , seen in normal person, hysterical & Bereavement reaction (as in losing loved ones).

illusion of Fregoli When the patient looks at any person, he sees his persecutor .

illusion of double : It Is a type of misidentification disorders & it includes : Positive misidentification : the patient sees strangers as his friend & family . Negative type called **(capgrase Syndrome)** in which the patient says that these people are not his family & friend, but imposters in which had been replaced with his real family , seen in schizophrenia.

Hypnogogic :

Before sleeping ,the person may have hallucinations .

Hypnopompic: After waking up ,the person may have hallucinations.

Note : the last two are of no significant value in psychiatry because it is seen in normal Anxiety... etc

False body perception : It is a false awareness of his body .

Ego boundaries :

The boundaries between self & environment .

1. **Depersonalization**: Unpleasant feeling of unreality of self ,described by {As if} &usually associated with loss of feeling ..

2. **Derealizaion** :

Unpleasant feeling of unreality of environment ,usually described by {as if }. Both of the last syndromes are seen in normal stats , depression ,schizophrenia &organic state .

Sometimes one of the last two are seen with no others symptoms of psychological disorder ,so in that case it is called : Depersonalization syndrome

Cotard syndrome

Series of nihilistic delusions

Thank You

