

Pharma

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ملخصات

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anti-Psychotic drugs (Dopamin ↓)

- mainly to treat **Schizophrenia** by block Dopamin receptors (D1 to D5) in mesolimbic in Brain

* absorbed well in intestine, highly bind to Plasma Proteins
With large volume of distribution

Uses :-

1- treat **Schizophrenia**

2- Senile dementia of Alzheimer disease

3- Combine with narcotic analgesia for chronic Severe Pain of Cancer

4- Combine with anti-depressant for manic episode in bipolar effective disorder

* 4 and 3 very rare

5- **Chlorpromazine** used to treat intractable hiccup ^{الزحمة}

6- **Prochlorperazine** is useful for disease include nausea ^{القيء} but
not motion sickness

7- **Phenothiazine** is blocked H₁ receptor used for itching

8- may use as anti-emetic drugs because of ~~D~~ receptor in Vomiting Centre
anti-Vomiting

Adverse effects:-

- 1- extrapyramidal effect (may cause Parkinson)
- 2- Atropine like action ~~XX~~
- 3- Block α receptor (hypotension, fail of erection)
- 4- Block D receptor in Pituitary gland lead to increase Prolactin
lead to weight gain and cause gynecomastia in male and
amenorrhea and galactorrhea in female
تضخم الثدي
- 5- Neuroleptic malignant Syndrome
- 6- liver damage for Prolong use
- 7- Agranulocytosis (WBC $\downarrow$) (may fatal)