

PHB EDUCATION



ANTIDEPRESSANTS (अवसादरोधी दवाएं)



Antidepressants are medications used to treat depression, anxiety disorders, and some other conditions. They work by adjusting the levels of certain chemicals in the brain, such as serotonin and norepinephrine.

Reason of depression:

1. Low level of Serotonin.
2. Low level of Norepinephrine.

Type of Antidepressants:

1. **Monoamine Oxidase Inhibitors (MAOIs):**
- Phenzamine, - Tranylcypromine
2. **Tricyclic Antidepressants (TCAs):**
- Amitriptyline, - Imipramine, - Nortriptyline
3. **Atypical Antidepressants:**
- Bupropion, - Mirtazapine, - Trazodone
4. **Selective Serotonin Reuptake Inhibitors (SSRIs):**
- Fluoxetine, - Sertraline - Paroxetine
5. **Non Selective Reuptake Inhibitors (NSRIs):**
- Venlafaxine - Duloxetine

Mechanism of Action:

1. Increasing the levels of certain neurotransmitters (e.g., serotonin, norepinephrine)
2. Blocking the reuptake of neurotransmitters
3. Inhibiting the breakdown of neurotransmitters

Indications:

1. Major depressive disorder
2. Anxiety disorders (e.g., generalized anxiety disorder, panic disorder)
3. Obsessive-compulsive disorder
4. Post-traumatic stress disorder
5. Premenstrual dysphoric disorder

Side Effects:

1. Nausea and vomiting
2. Headache
3. Dizziness
4. Insomnia
5. Weight gain or loss
6. Sexual dysfunction
7. Increased risk of suicidal thoughts and behavior

Contraindications:

1. Pregnancy (certain medications)
2. Breastfeeding (certain medications)
3. Certain medical conditions (e.g., heart disease, liver disease)
4. Allergy to the medication
5. Concurrent use of certain medications (e.g., MAOIs and SSRIs)

Regular Monitoring:

1. Regular follow-up appointments with a healthcare provider
2. Monitoring of side effects
3. Adjustment of medication dosage or type as needed



Dr. Arvind Kumar Gupta
(M.Pharm, PDCR, PGDMM & Ph.D)
GATE 2003 Qualified with 97.2 percentile
Dr. S. N. Dev College of Pharmacy
Shamli (U.P.)

www.phbeducation.com | +91-9719638415

Collaboration with: Dr. S. N. Dev College of Pharmacy Sikka – Shamli (U.P.)