

# Drugs used in De-Addiction

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# Addiction

- Addiction is a *psychological* and *physiological* dependence on alcohol or other drugs for abuse.
- It affects the *central nervous system* in a way that withdrawal symptoms are experienced when the substance is discontinued .

# Addiction

- Drug addiction is a condition that include :-
  - Compulsiveness of using drug/substance
  - Abuse of drugs
  - Using drug for pleasure
- Some common example of drug addition/ substance abuse:-
  - Alcohol, Opioid, Cannabis, Cocaine, Nicotine.
  - Sympathomimetics

# De-Addiction

- De-addiction include:-
  - Assessment of addiction
  - **Pharmacological treatment**
  - Patient and family counseling
  - Psychotherapy
  - Follow-up & Rehabilitation

## **Aim/goal of De-Addiction pharmacological treatment**

- De-addiction Medications are used to control-
  - **Detoxification of used substance**
  - **Withdrawal symptoms**
  - **Reduce craving of using substance**
  - **Produce/Induce aversion**

## Common Drugs used in De-Addiction

DRUGS NAME	USE/INDICATION	ACTION
Disulfiram (1-3 tablet/day) 1 tablet = 250 mg	Treatment of chronic Alcohol dependence	Aldehyde Dehydrogenase inhibitor
Diazepam (5-10 mg/day)	Using in alcohol withdrawal and cocaine withdrawal.	Produce sedation, amnesia and anxiety. Sedative hypnotic
Lorazepam (1-2 mg/day)	Using in alcohol withdrawal and cocaine withdrawal.	Produce sedation, amnesia and anxiety. Sedative hypnotic
Thiamine (100-150 mg/day)	To prevent vitamin B1 deficiency in alcoholism	Thiamine deficiency occurs in alcoholism

## Common Drugs used in De-Addiction

DRUGS NAME	USE/INDICATION	ACTION
Clonidine (0.6 to 1.0 mg/day)	Opioid withdrawal and detoxification	Reduce sympathetic over activity
Buprenorphine (5-15 mg/day)	Opioid withdrawal and detoxification	Reduce sympathetic over activity
Methadone	Opioid dependence treatment	Synthetic opioid
Nicotine Chewing gums	Tobacco dependence	Similar to Nicotine in tobacco

## SIDE-EFFECT

- Sedation
- Drowsiness or lethargy
- Visual impairment
- Confusion
- Disorientation
- Dizziness and fainting
- Fast heartbeat
- Increased sweating
- Nausea and vomiting



**This is not the END.....** 😊

- Write Nursing responsibility as I discussed in class.....