

Opioids use Disorder

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Drug

- A drug is defined as any substance that can alter the homeostasis of the body
- **Drug Use** - using any substance for its intended purpose
- **Drug Misuse**- use of a drug that may result in transient physical, mental, or social problems

Substance abuse

- Abuse
- Dependence
- Acute intoxication
- Withdrawal syndrome



Drug abuse

- Continues drug use despite awareness of harmful medical and / social effect of the drug being used, and /or
- A pattern of physically hazardous used of drug (driving during intoxication)

Drug dependence

- **Tolerance** -need for a higher dose of the drug to achieve the same result
- **Craving** – persistence & strong desire to take the drug

Acute intoxication

- This is transient condition following administration of drug resulting in psycho physiological disturbance.
- This is usually associate with high blood levels of drug

Withdrawal syndrome

- This is characterized by a cluster of symptoms often specific to the drug used, which develop on total or partial withdrawal of drug, usually after and / or high dose used.

Drug Classification

The major drug dependence producing drugs :

- 1. Alcohol
- 2. Amphetamines and related substances
- 3. Caffeine
- 4. Cannabis (Marijuana)
- 5. Cocaine(Crack)
- 6. Hallucinogens
- 7. Inhalants
- 8. Nicotine
- 9. Opioids
- 10. Phencyclidine (PCP) and related substances
- 11. Sedatives, hypnotics, or anxiolytics

Opioid use disorder

Opium poppy .

- Dried exudates obtained from unripe seed capsules of *Papaver somniferum*

Capsules (Milky latex)



Opioid Derivatives



Natural alkaloid

- Morphine
- Codeine
- Thebaine
- Noscapine
- Papaverine

Synthetic compound

- Heroin
- Nalorphine
- Hydromorphone
- Methadone
- Dextropropoxyphene
- Meperidine (Pethedine)
- Cyclazocine
- Levallorphan
- Diphenoxylate

Nursing Management

- Monitor vital sign, observe the patient care fully
- Decrease stimulation , provide care
- Evaluate the patient hydration and serum electrolytes
- Maintain intake output chart
- Care fully evaluate the patient – medical/ surgical problem- head trauma, GI bleeding , hepatic disease, withdrawal from other drug.
- Institute high calorie and high carbohydrate diet
- Add vit. thiamine 100 mg im than oral Folic 1 mg PO daily for 7- 10 day
- Initiate pharmacotherapy

BIBLIOGRAPHY

- Sadock.BJ,Sadock.VA.Kapaln and Sadock's pocket handbook of Clinical Psychiatry.5th ed. Lippincott William and Wilkins. Philadelphia. 2010.Pg-201-205.
- Cowen.P ,Harrison.P,Burns.T.Shorter Oxford textbook of Psychiatry.6th ed.Oxford University Press.United Kingdom.2012.pg 178-204.
- Sadock.BJ,Sadock.VA.Kapaln and Sadock's Synopsis of Psychiatry.9th ed. Lippincott William and Wilkins. Philadelphia.1972.pg-609-631.
- Townsend.MC. Psychiatric mental health nursing concept of care in evidence based practice.7th ed.FA Davis company .Philadelphia.2012.pg-638-665.
- Shreevani.R. A Guide to mental health and psychiatric nursing .3rd ed. Jay Pee publications. New Delhi .2004.pg-171-183