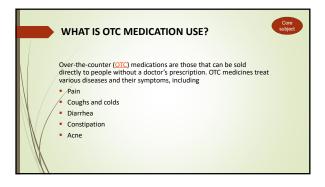


Learning Outcomes

- At the end of SGD ,students will be able to comprehend :
- Definition of Drug Abuse
- Over the counter medication use and its side effects
 Dependence Producing Drugs
- Environmental and Host Factors responsible for Drug Abuse
 - Symptoms of Drug Abuse
 - Prevention and Rehabilitation Strategies for Drug Addicts



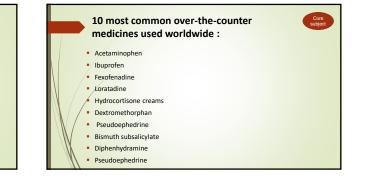
DRUG ABUSE

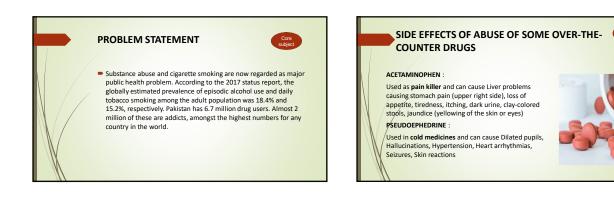


Drug Abuse is defined as self-administration of a drug for non-medical reasons, in quantities and frequencies which may impair an individual's ability to function effectively, and which may result in social, physical and emotional harm.

DRUG DEPENDENCE

A state psychic and sometimes, physical resulting from interaction between a living organism and a drug that always include a compulsion to take the drug on periodic basis to experience its psychic effects and sometimes, to avoid discomfort of its absence.





SIDE EFFECTS OF ABUSE OF SOME OVER-THE-

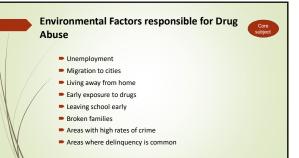
DEXTROMETHORPHAN

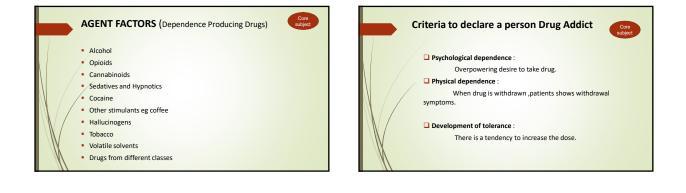
Used as cough suppressant and can cause Lack of energy, Hyperexcitability, Poor motor control, Stomach pain, Increased blood pressure, Vision changes, Slurred speech, Sweating IBUPROFEN

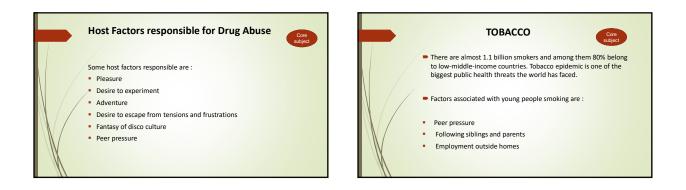
IBUPROFEN

Used as **pain killer** and can cause Heart attack ,Hole in the stomach or intestine, kidney damage, Liver damage, Stroke, Ulcers

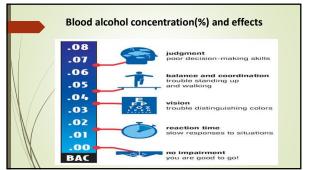


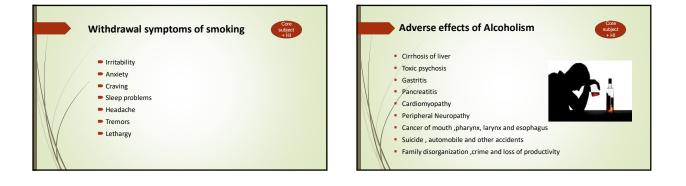


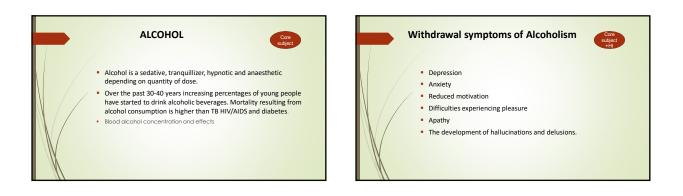










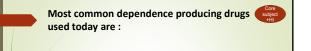




- nervous system .They produce mood elevation and increase alertness level. They produce psychic dependence.
- Cocaine : It is used in medical practice as potent anaesthetic. It is CNS stimulant and causes distorted awareness and hallucinations.
- Barbiturates : They are sedatives and cause both physical and psychic dependence.one of the worst forms of suffering.
- Cannabis : also known as charas/bhang causes development of altered consciousness, relaxation, euphoria, altered sense of perception and paranoia. It is responsible for psychic dependence.

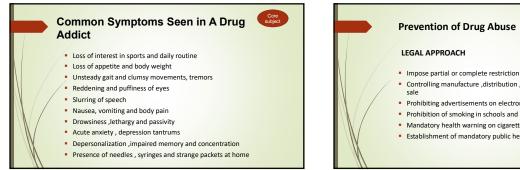


- Identification of drug addicts and their motivation for detoxication
- Detoxication which requires hospitalization
- Post-detoxication counselling and follow-up based on clinic and home visits.



- Heroin : It is narcotic analgesic. It causes worst type of addiction. Tolerance also occurs rapidly, psychic dependence is strong
- LSD : lysergic acid diethylamide is potent psychotogenic agent and causes intense depersonalization. There is intensification of color perception and auditory acuity .Visual illusions and pseudohalliucinations are common.
- Caffeine : Most commonly used drug. Symptoms of caffeinism include anxiety, agitation, restlessness, insomnia and somatic symptoms. Withdrawal causes headache ,irritability and lethargy







- Controlling manufacture ,distribution , prescription , price, time of
- Prohibiting advertisements on electronic media
- Prohibition of smoking in schools and public places
- Mandatory health warning on cigarette packets
- Establishment of mandatory public health education



- Message should provide specific advice not general
- Information should be capable of provoking discussion or action

FAMILY MEDICINE

With increasing pressure on general physicians by managed care organizations and the public to treat and advocate for drug and alcohol addicted patients, it is more necessary than ever that physicians have the knowledge and skills to appropriately address this segment of the population. Specifically, physicians need a better understanding of the prevalence of alcohol and drug dependence in a variety of populations, along with increased awareness of the economic impact of addictive illnesses on our society.

https://pubmed.ncbi.nlm.nih.gov/10385946/





- It is the most long and difficult process and relapses are frequent.
 Adoption of mature and realistic attitude by local community and avoidance of panic, moral condemnation and discrimination is required.
- Facilities for vocational training and provision of sheltered work are useful activities to prevent relapse.
- Facilities for registration, diagnosis, treatment, after-care etc of drug-dependent individuals should be regarded as indispensable integrated parts of health and social services structure.

BIOETHICS

 Transparency and fairness, openness, non-judgmental approach and patient participation in the decision-making process demonstrates respect and caring. If the patient feels unheard and powerless, stigmatized, ashamed and disrespected, it becomes difficult for them to leave addiction. All health professionals' codes of ethics specify a duty to care and an obligation not to abandon a person in need.

https://wrha.mb.ca/files/ethics-caring-for-people-who-usedrugs.pdf



In substance abuse, the term self-medication refers to?

a)Amelioration of psychological distress thorough substance use b)Doctors prescribing their own drugs c)Motive for using a substance d)Deciding the drug of choice e)Use of drugs for common diseases

MCQ2

With Barbiturate and Benzodiazepine Abuse and Dependency, sedative intoxication is generally associated with:

- a) Social phobia
- b) Eating disorders
- c) Impairment in attention and memory
- d) Exhibit apathye) Exhibit loss of ambition

