

STOMATOLOGICAL PHARMACOTHERAPEUTIC COMPLICATION. ADVERSE REACTIONS FROM THE ORAL CAVITY.

A. Actuality

Complications of drug therapy, caused by specific and nonspecific adverse actions, by the organotropic properties of preparations in various groups, are possible in persons with disorders of CNS function, atherosclerosis, heart disease, liver disease, etc.

Manifestations of adverse reactions may be systemic, generalized, or isolated when using topical or peroral preparations. Knowing how to prevent and treat possible adverse drug reactions is important for effective and harmless treatment.

B. Training aim

Knowing the complications of drug therapy and adverse reactions from the oral cavity, caused by different groups of preparations, used in dentistry.

C. Teaching purposes

The students should be able to:

- a) highlighting the complications and adverse reactions caused by the pharmacotherapy of diseases and pathological conditions;
- b) elucidate the possible adverse reactions from the oral cavity and the dental pulp, determined by the use of medicinal preparations;
- c) choose the minimum complex of investigations necessary to assess the genesis of the complications of pharmacotherapy and adverse reactions;
- d) predict the occurrence of complications and adverse reactions of the medicinal remedies, depending on the dosage and the functional state of the organs and systems of the body;
- e) use methods of prophylaxis and correction of complications and adverse reactions from dental practice.

D. Knowledge from other studied tangent subjects

The medical-biological disciplines. Anatomophysiological features of the structures of the oral cavity: mucosa, teeth and salivary glands (structure, functions, etc.). Morphopathological characteristic of the main diseases of the mucosa of the oral cavity.

Clinical disciplines. Manifestations of allergic and non-allergic reactions from the oral cavity. Differential diagnosis of oral cavity disorders. Principles of treatment of oral cavity disorders.

Pharmacology The concept and classification of pharmacotherapeutic complications and adverse reactions. Phenomena triggered by repeated and concomitant administration of drug preparations.

E. Questions for self training

1. Classification of pharmacotherapeutic stomatological complication.
2. Stomatological pharmacotherapeutic complication due to specific and non-specific organotrope properties of drugs. Prophylaxis and treatment.
3. Stomatological pharmacotherapeutic complication due to drug overdoses. Prophylaxis and treatment
4. Stomatological pharmacotherapeutic complication due to drug patients' hypersensibility to drugs. Idiosyncrasy. Prophylaxis and treatment.
5. Drug tolerance and dependence Prophylaxis and treatment
6. Rebound syndrome (withdrawal) Prophylaxis and treatment.
7. Stomatological pharmacotherapeutic complication due to decrease of immune system of patients. Prophylaxis and treatment.
8. Classification of adverse reactions of drugs on oral mucosa.
9. Direct adverse reactions of drugs on oral mucosa. Prophylaxis and treatment.

10. Adverse reactions due to pharmacological action of drugs on oral mucosa. Prophylaxis and treatment.
11. Secondary adverse reactions of drugs on oral mucosa. Prophylaxis and treatment.
12. Cumulative adverse reactions of drugs on oral mucosa. Prophylaxis and treatment.
13. Adverse reactions due to specific properties of drugs. Prophylaxis and treatment.