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# EXAMINATION SYNOPSIS

**FOR SEMESTER EXAMINATION IN ACADEMIC YEAR 2019/2020**


**IN**

**„CLINICAL TOXICOLOGY“**

**WITH STUDENTS AT MU-PLEVEN**

**SPECIALTY: MEDICINE**

1. Modern aspects of clinical toxicology.
2. Main poisoning therapies.
3. Antidotes – specific and nonspecific.
4. Differential diagnosis of the exotoxic coma-Ethanol, Methanol, Etilenglikol.
5. Differential diagnosis of the exotoxic coma – poisoning with drugs.
6. Differential diagnosis of the exotoxic coma from opium, carbon dioxide and from Carbon monoxide.
7. Inorganic compounds poisoning - heavy metals.
8. Acute mushroom poisoning - short latency period long laten cyperiod.
9. Acute mushroom poisoning – long latency period.
10. Acid poisoning .
11. Base poisoning.
12. Acute drug intoxication - cannabis, heroin, cocaine – clinical course and therapy.
13. Acute drug intoxication - amphetamines, hallucinogens designer drugs-clinical course and therapy.
14. Acute drug intoxication – opium-clinical course and therapy.
15. Acute poisoning: biological poison - snakes, arthropods.

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16. Acute alcohol poisoning – ethanol - metabolism, clinical course and therapy. Antabuse-alcoholic intoxication.

17. Acute alcohol poisoning – methanol, ethyleneglicol-metabolism, clinical course and therapy.

18. Acute pesticide poisoning (agricultural poisons) - organicphosphorus compounds.

19. Acute drug poisoning: treating CNS.

20. Acute drug poisoning: treating cardiovascular system.

## REFERENCES:

- Lecture on clinical toxicology.
- „Clinical Toxicology Principles and Mechanisms“ - 2nd Ed, Frank A. Barile, 2010
- „Poisoning and Toxicology Handbook“ - 4th Ed, Jerrold B. Leiken and Frank P. Paloucek, 2007
- „Modern Medical Toxicology“, V. V. Pillay, 2013

**Prepared by**

Assoc. Prof. Evgenia Barzashka, MD, PhD