

CLINICAL TOXICOLOGY PHL 462 (2 + 1)

Pre-requisite: PHL 471

Course Description:

The course designed to relate the basic pharmacological and toxicological principles to the treatment of the poisoned patient. Several of the compounds commonly encountered in the accidental or intentional poisoning are to be covered. The student will be able to recognize signs and symptoms of poisoning, characterize the type and extent of intoxication and develop a specific modern management plan. The practical part is devoted to case studies with emphasis on the treatment protocols adopted and their evaluation.

Course contents:

	<u>Hour</u>
I. Introduction:	2
- Clinical laboratory results and their evaluation.	
- Supportive care for Convulsions Coma, Hypotension, Hypertension, Hypothermia, Hypothermia, Fluid intolerance, Acid base imbalance.	
II. Clinical toxicology of specific drug groups:	9
- Digitalis group	
- Anticoagulants	
- Anti-infective agents	
- Oral hypoglycemics and insulin	
- Diuretics	
- NSAIDS	
- Oral contraceptives	
- Benzodiazepines	
- Antidepressants (cyclic & new).	
III. Foodborn Toxins:	6
- Bacterial foodborn toxins	
- Viral and other GIT parasites	
- Food additives and contaminants	
- Food sensitivity.	
IV. Toxic exposure during pregnancy.	6
V. Special problems with infants, children and geriatric patient.	3
EXAMINATIONS.	2
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	Total Hours: 28
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PRACTICAL:	14

Case studies collected from the hospitals, DPIC or literature are to be presented, discussed and evaluated. Comparison between the treatment procedures utilized and other possible modern approaches are to be projected.

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