

Lectures covering concentrated Topics in Emergency Medicine (TEMs)

Section	Week	Title	Topics
Toxicology	007	External Decontamination and Patient Stabilization	External decontamination Initial approach Airway management Patient control Drug interactions Anatomical distortion Advanced life support Alterations to standard therapy Prolonged resuscitation Organ donation Focused assessment History Vital signs Physical examination
	008	Minimizing Absorption, Enhancing Elimination, and Ancillary Testing	Minimizing absorption Syrup of ipecac Gastric lavage Activated charcoal Cathartics Whole-bowel irrigation Enhancing elimination Chelation Multidose charcoal Hemodialysis and peritoneal dialysis Hemoperfusion Exchange transfusion Ancillary testing Toxicology screens Serum Urine Serum quantitation
	009	Insecticides [17.01.20(b)]	DEET Diquat and Paraquat Metaldehyde Methylbromide and other fumigants Nicotine Organophosphates [17.01.33] and carbamates Pyrethrins, pyrethroids, and organohalides
	010	Rodenticides [17.01.20(c)]	Anticoagulant [17.01.05] 4-hydroxycoumarins Indanediones Nonanticoagulant [excluding heavy metals] α -naphthylthiourea Boric acid Bromethalin Cholecalciferol Elemental phosphorus Fluroacetamide PNU Strychnine [17.01.37]

	011	Hydrocarbons [17.01.23]	Aliphatic Aromatic General Toluene Xylene Halogenated General Carbon tetrachloride Methylene chloride Trichloroethylene Pine Oil and Turpentine Polychlorinated biphenyls and related substances	
	012	Caustic & Corrosive Agents	Ingestions Acid [17.01.14(a)] Alkali [17.01.14(b)] Other Disc batteries Household cleaning products [17.01.21] Hydrofluoric acid	
	013	Heavy Metals [17.01.19]	Aluminum Antimony Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Lead Lithium Manganese Mercury	Nickel Platinum Selenium Silver Tellurium Thallium Tin Uranium Vanadium Zinc
	014	Carbon Monoxide, Cyanide, and Hydrogen Sulfide [17.01.12; 17.01.16]	Carbon monoxide Cyanide Hydrogen sulfide	
	015	Alcohols and Glycols [17.01.02]	Diethylene glycol Ethanol Ethylene glycol Isopropanol Methanol Glycol ethers	
	016	Muscle Relaxants and Opioids	Muscle relaxants Baclofen Carisoprodol Cyclobenzaprine Orphenadrine Opioids [17.01.01(c)] Agonists Agonist-antagonists Antagonists Special considerations	

	017	Amphetamines and Cocaine	Amphetamines [17.01.36] Cocaine [17.01.15]
	018	Inhalants, Mushrooms, and Psychoactive Drugs	Inhalants [17.01.25] Mushrooms [17.01.30] Psychoactive drugs [17.01.17] D-lysergic acid diethylamide (LSD) δ-hydroxybutyrate (GHB) Khat Marijuana Mescaline Phencyclidine Yohimbine
	019	Seafood Intoxicants [17.01.28]	Ciguatera Scromboid Shellfish poisoning Neurotoxic Paralytic Tetrodotoxin
	020	Acetaminophen and Non-Salicylate NSAIDs	Acetaminophen [17.01.01(a)] Nonsteroidal anti-inflammatory drugs [17.01.01(b)]
	021	Colchicine and Salicylates	Colchicine Salicylates [17.01.01(d)]
	022	Iron and Vitamins	Iron [17.01.26] Vitamins A B ₃ B ₆ C D E
	023	Caffeine, Steroids, and Supplements	Caffeine [17.01.36] Dietary supplements Herbal remedies Laxatives Nonprescription medications [17.01.32] Steroids [17.01.22]
	024	Insulin and Oral Hypoglycemic Medications [17.01.24]	Insulin Oral hypoglycemic medications
	025	Anti-Dysrhythmic Medications [17.01.13(a)]	Digitalis glycosides Acute intoxication Chronic intoxication Class I IA: disopyramide, quinidine, procainamide IB: lidocaine, mexilitene, tocainide IC: encainide, flecainide, propafenone Class III Amiodarone Bretyllium Sotalol
	026	Anti-Hypertensive Medications [17.01.13(b-d)]	Angiotensin-converting-enzyme inhibitors Angiotensin-II-receptor antagonists β-adrenergic receptor antagonists Calcium-channel antagonists Central α ₂ -adrenergic agonists Diuretics Sympatholytics Vasodilators

	027	Anti-Depressant Medications [17.01.07]	Cyclic antidepressants Lithium Acute intoxication Chronic intoxication Serotonin reuptake inhibitors
	028	Anti-Convulsant Medications [17.01.06]	Carbamazepine Felbamate Gabapentin Lamotrigine Phenytoin Topiramate Valproate
	029	Anti-Parkinsonian and Neuroleptic Medications [17.01.08; 17.01.31]	Anti-Parkinsonson's Dopa decarboxylase inhibitors Dopaminergic agonists Levodopa Monoamine oxidase B inhibitors Neuroleptics benzisoaxazoles Butyrophenones Dibenzo- diazepines oxazepines thiazepines Indoles Phenothiazines Thioxanthines
	030	Sedative-Hypnotic Medications [17.01.35]	Barbiturates Benzodiazepines Bromides Chloral hydrate Eszopiclone Ethchlorvynol Gluthethamide Meprobamate Methaqualone Romeleone Zolpidem
	031	Antibiotic and Antiviral Medications	Antibacterial Isoniazid [17.01.27] Other Antifungal Imidazoles Others Antiparasitic Quinolines Other Antiviral Anti-herpetic Anti-influenza Anti-retroviral Protease inhibitors
	032	Miscellaneous Ingestions	Camphor Essential oils Plants (excluding mushrooms) [17.01.30]