Quarterly Toxicology Rounds
April 6, 2023 8:00am - 12:00pm

Mass Poisonings/Disaster TOXICOLOGY

8:00  Introduction – Moderator
8:10  Diethylene Glycol: The Other Toxic Alcohol – Brandtly Yakey, DO
8:45  Historic Mass Exposure – Matt Hedge, MD
9:20  Break
9:30  Acetaminophen Murders – Varun Vohra, PharmD
10:05 Radiation Disasters – Bram Dolcourt, MD
10:40 Break
10:50 Vinyl Chloride, Beyond the Train Derailment – Brett Blakely, MD
11:25 Poisoning Cases – Andy King, MD

Virtual: platform information included in email

Learner Objectives:
- Describe the elements of a poisoned patient assessment
- Identify common toxins that has been historically relevant
- Apply specific poisoning management to acetaminophen exposures and overdoses
- Identify clinical markers of diethylene chloride toxicity
- Describe symptoms of acute cyanide exposure
- Identify different options in management of DEG poisonings
- Describe utility of measuring radiation levels with a Geiger counter
- Recommend appropriate management in vinyl chloride exposures
- Identify cases of radiation exposure that could result in death
- Recognize common mitochondrial poisons
- Describe treatment modalities for APAP exposures in adults and children
- Identify instances where hemodialysis would be beneficial
- Identify the signs & symptoms of radiation poisoning

**Target Audience:** Wayne State University SOM, Detroit Medical Center, Henry Ford Health System: Emergency Medicine Physicians, Pediatric Emergency Physicians, Primary Care Physicians, Medical Toxicologists

**Speakers have no disclosures**

**Program Planning Committee:** WSU SOM, MP&DIC Toxicology Faculty
- Mirjana Dimovska, MD
- Andrew King, MD, Medical Director - Michigan Drug and Poison Information Center

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