



MICHIGAN POISON & DRUG  
INFORMATION CENTER  
WAYNE STATE UNIVERSITY



## 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	<i>Break</i>
9:30	Acetaminophen Murders – Varun Vohra, PharmD
10:05	Radiation Disasters – Bram Dolcourt, MD
10:40	<i>Break</i>
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



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- 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

The Wayne State University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Wayne State University School of Medicine designates this live activity for a maximum of **4.0 AMA PRA Category 1 Credit(s)**<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.