Upstate NY Poison Center

Toxicology Case Conference

March 18, 2021

**1:00 – 3:30 pm**

Howard/Stork

Location: Virtual: Zoom meeting # 940 2281 4635, passcode “caseconf”

LINK:  https://upstate.zoom.us/j/94022814635?pwd=ZXdZOFN3OFMrN1FjWlhOTGRid3YyUT09

**National Case Conference (ACMT)** 1:00-2:00 PM

**Cases for Discussion:**

1. A 3 year old male swallowed an unknown amount of citric acid mixture being used for a science project being performed by an older sibling. The patient is now irritable and uncomfortable appearing. The patient going into the ED for evaluation.
   1. What is citric acid?
   2. What are the potential toxicities?
   3. What would be an appropriate care plan?
2. EMS is calling regarding a 76 year old male who approximately 30 minutes ago reported swallowing 5 tablets of aluminum phosphide. The patient is currently vomiting.
   1. Where would one find aluminum phosphide tablets?
   2. How toxic is this?
   3. What is the mechanism of toxicity?
   4. What would be an appropriate care plan?

**Journal Club: Immediately Following Case Conference**

1. Downs JW, Cumpston KL, Kershner EK, Troendle MM, Rose SR, Wills BK. Clinical outcome of massive acetaminophen overdose treated with standard-dose N-acetylcysteine [published online ahead of print, 2021 Feb 23]. Clin Toxicol (Phila). 2021;1-8. doi:10.1080/15563650.2021.1887493
2. Shabani M, Kefayati M, Hassanian-Moghaddam H, Zamani N, McDonald R. Complications and hospital stay after endoscopic retrieval of drug baggies in body stuffers: an observational prospective study. Sci Rep. 2021;11(1):5359. Published 2021 Mar 8. doi:10.1038/s41598-021-84898-z
3. Zhao et al. After treatment with methylene blue is effective against delayed encephalopathy after acute carbon monoxide poisoning. Basic Clin Pharm Toxicol 2018, 122, 470–480