Upstate NY Poison Center

Toxicology Case Conference

November 12, 2020

**1:30 – 3:30 pm**

Location: Virtual Meeting Via Zoon (Meeting details below)

**Agenda:**

**1:30-2:30 pm: Toxicology Case Conference**

**2:30-3:00 pm: Journal Club**

Case Conference:

Case for Discussion (Led by Dr. Rose Solomon)

A 19 year old female presents to the ED with syncope, hypotension, and bradycardia after an occipital nerve block in clinic. Her vital signs are: HR 44, BP 70/40, RR 18, O2 99% (RA), T 98.1

She also had tachycardia prior to the bradycardia along with perioral tingling. Her heart rate initially responded to atropine (given by EMS) but dropped back down into the 50s after about an hour.

Case 2:

48 year old female with ethanol use disorder was brought to the Emergency Department for shortness of breath and altered mental status. Shortly after arrival to the ED, she became unresponsive and pulseless. ROSC was achieved after 1 round of epi and CPR. She was intubated and unresponsive not requiring sedation.

 VBG immediately after arrest: 6.9/39/220; lactate 4.9 mmol/L
 VBG 4 hours after arrest: 6.9/41/150

Case 3:

42 year old female presents to the Emergency Department after an intentional overdose of venlafaxine and alprazolam. She is incoherent and mumbling. Vital signs: BP 85/42 mmHG; HR 89 bpm; RR 16 breaths/minute; 96% sats room air. Initial labs: VBG: 7.01/25; BMP: Bicarb < 5; Scr 3.08. Acetaminophen 380 mg/L. Aspirin and ethanol negative.

Journal Articles (Immediately after case conference):

1. Soto PH et al. Time to perforation after button batteries lodged in the esophagus. AJEM 2019; 37: 805-809.
2. Akakpo JT et al. Delayed Treatment with 4-methylpyrazole protects against acetaminophen hepatotoxicity in mice by inhibition of c-JUN-n Terminal Kinase. Toxicological Sciences 2019; 170(1): 57-68.
3. Bao J et al. Efficacy of fresh packed red blood cell transfusion in organophosphate poisoning. Medicine 2017; 96:11

**Remote Attendance Information:**

 Please click this URL to start or join. https://upstate.zoom.us/j/799237884

 Or, go to https://upstate.zoom.us/join and enter meeting ID: 799 237 884

 Join from dial-in phone line:

 Dial: +1 408 638 0968 or +1 646 876 9923; Meeting ID: 799 237 884