Toxicology Case Conference

Thursday July 29, 2021

Location: For those attending in person, this will take place at Poison Center. For those attending virtually, the Zoom Meeting details are below.

Please click this URL to start or join. <https://upstate.zoom.us/j/94022814635?pwd=ZXdZOFN3OFMrN1FjWlhOTGRid3YyUT09>

Or, go to [https://upstate.zoom.us/join](https://www.google.com/url?q=https://upstate.zoom.us/join&sa=D&source=calendar&usd=2&usg=AOvVaw1dl5608jB2zmcKfL1uPVi7) and enter meeting ID: 940 2281 4635 and password: caseconf

Time: 1:30-3:30 PM

**Cases for Discussion**

59 year old female presents unresponsive after an intentional overdose reported as clonazepam and citalopram. She has a history of alcohol use disorder. She was intubated upon arrival to the ED.
Vital signs: BP 78/50 mmHg; HR 70s; RR 14/minute on vent; 98% sats on 40% FiO2. 12 hours after admission, a blood gas was obtained: 7.11/20/49; calculated bicarbonate 6.

 Thoughts to ponder:

* What are causes of high anion gap metabolic acidosis?
* What, if any, lab tests would you like to order?

30 year old male is brought to the ED by EMS after being found outside agitated. He is agitated, diaphoretic, tachycardic and hypertensive. EMS gave 5 mg IM midazolam with no effect.

 Thoughts to ponder:

* What is the approach to managing the acutely agitated patient?
* What are the immediate concerns for this patient?

**Journal Articles**

1. Bohnert ASB et al. Ambient temperature and risk of death from accidental drug overdose in New York City, 1990-2006. Addiction. 105; 1049-1054.
2. Marzuk PM et al. Ambient temperature and mortality from unintentional cocaine overdose. JAMA 1998; 270: 1795-1800.