Upstate NY Poison Center

Toxicology Case Conference

September 16, 2021

**1:30 – 4:00 pm**

(Eggleston/Howard/Bourgeois)

**Cases for Discussion:**

1. An 85-year-old male arrives at the emergency department after his wife unintentionally gave him 60 units of his insulin instead of 6 units. EMS reports his initial blood glucose is in the 60s. Vital signs are: BP, 120/58; HR, 64; RR, 20; O2, 98% (RA); T, 36.4 C
2. A 54-year-old female presents to the emergency department with nausea, vomiting, diarrhea, and abdominal pain that started early this morning. She reports cooking and eating unknown mushrooms with her husband last night before going to bed. Vital signs are: BP, 148/87; HR, 82; RR, 20; O2 100% (RA); T, 37.2 C
3. A 40-year-old male presents to the Emergency Department after he reported being bitten by a snake 3 times on his right hand. He is complaining of numbness at the bite site. Vital signs are: BP, 162/87; HR, 100; RR, 18; O2 98% (RA); T 37.1 C

**Journal Club: Immediately Following Case Conference:**

Robison LB, Brady WJ, Robison RA, Bracy C, Schneck M, Charlton N. QT interval prolongation and the rate of malignant ventricular dysrhythmia and cardiac arrest in adult poisoned patients. Am J Emerg Med. 2021 Aug;46:156-159. doi: 10.1016/j.ajem.2021.04.077. Epub 2021 Apr 29. PMID: 33957571.

Shastry S, Aluise ER, Richardson LD, Vedanthan R, Manini AF. Delayed QT Prolongation: Derivation of a Novel Risk Factor for Adverse Cardiovascular Events from Acute Drug Overdose. J Med Toxicol. 2021 Aug 27. doi: 10.1007/s13181-021-00855-2. Epub ahead of print. PMID: 34449039.

Lehmann D, Eggleston W, Wang D. Validation and Clinical Utility of the hERG IC50:Cmax Ratio to Determine the Risk of Drug-Induced Torsades de Pointes: A Meta-Analysis. Pharmacotherapy. 2018;38(3):341-348.

**Remote Attendance Information:**

[https://upstate.zoom.us/j/94022814635?pwd=ZXdZOFN3OFMrN1FjWlhOTGRid3YyUT09](https://www.google.com/url?q=https://upstate.zoom.us/j/94022814635?pwd%3DZXdZOFN3OFMrN1FjWlhOTGRid3YyUT09&sa=D&source=calendar&usd=2&usg=AOvVaw1r9RZ5Ay2igtsb01hziLVu)

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=AOvVaw2jjORRZCVyk340R-aNSNNq)

Enter meeting ID: 940 2281 4635 and password: caseconf