Toxicology Case Conference

Thursday, 9/9/2021

Location: Zoom Meeting

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: 1:00-2:00 PM

**AACT September Section Webinar - Machine Learning for Toxicologists: Opening Pandora's Black Box**

Time: 2:00-3:30 PM

Leaders: Keenan/Stork

1. A 19-Year-old female presents to the emergency department with complaints of sore throat, stomach pain and vomiting. She was at a house party the evening prior and while drinking “alcohol” went to the freezer to get a frozen drink. After drinking 3 gulps she immediately vomited frothy vomit 3 times.
2. A 27 year old female presents to the emergency department with what appears to be chemical burns to her face, mouth, tongue and left breast. A witness had seen her spray some chemical she obtained from Walmart and was spraying it to her face. She is Awake and alert with vital signs: VS Temp 36.8, BP 116/84, HR 95, RR 19, SPO2 98% RA. EKG QRS 84, QTc 440 NSR rate 89

Journal Articles:

* + - 1. Chan BS, Isbister GK, Chiew A, Isoardi K, Buckley NA. Clinical experience with titrating doses of digoxin antibodies in acute digoxin poisoning. (ATOM-6). Clin Toxicol (Phila). 2021 Aug 23:1-7. doi: 10.1080/15563650.2021.1968422. Epub ahead of print. PMID: 34424803.
      2. Chang D-W, Lin C-S, Tsao T-P, Lee C-C, Chen J-T, Tsai C-S, Lin W-S, Lin C. Detecting Digoxin Toxicity by Artificial Intelligence-Assisted Electrocardiography. *International Journal of Environmental Research and Public Health*. 2021; 18(7):3839. [https://doi.org/10.3390/ijerph18073839](https://urldefense.com/v3/__https:/doi.org/10.3390/ijerph18073839__;!!GobTDDpD7A!Y-OceqiVHAbrmNWat_tPAIyRM0oNNe3N8sbNYz4BSki3Re6JwjEzE0KBBGVDJdrL$)