Upstate NY Poison Center

Toxicology Case Conference

February 18, 2021

**1:00 – 3:30 pm**

Location: Virtual Meeting Via Zoon (Meeting details below)

**Agenda:**

**1:00-2:00 pm: National Toxicology Case Conference**

**2:00-2:30 pm: Toxicology Case Conference**

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

Case Conference:

48 year old male (weight 155 kg) presents to the Emergency Department after an intentional overdose of 60 tablets of colchicine 0.6 mg. He has had several episodes of vomiting at home. Vital signs: HR 120 bpm; BP 110/70 mmHg; RR 32 breaths/minute.

Questions to ponder:

1. What, if any, gastrointestinal decontamination should be considered?
2. What laboratory tests should be ordered and why?
3. What is a toxic dose of colchicine?
4. Are there any antidotes available? Are there any adjunctive therapies to consider?

Journal Articles (Immediately after case conference):

1. Jang DH et al. Alterations in cerebral and cardiac mitochondrial function in a porcine model of acute carbon monoxide poisoning. Clin Tox 2021 Ahead of print
2. Leonard JB et al. An analysis of fatal iatrogenic therapeutic errors reported to United States Poison centers. Clin Tox 2021; 59(1): 53-60.
3. Deftereos SG et al. Effect of Colchicine vs Standard Care on Cardiac and Inflammatory biomarkers and clinical outcomes in patients hospitalized with coronavirus disease 2019. The GRECCO-19 Randomized Clinical Trial. JAMA Netw Open 2020; 3(6): e2013136.

**Remote Attendance Information:**

[https://upstate.zoom.us/j/94022814635?pwd=ZXdZOFN3OFMrN1FjWlhOTGRid3YyUT09](https://nam04.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.google.com%2Furl%3Fq%3Dhttps%3A%2F%2Fupstate.zoom.us%2Fj%2F94022814635%3Fpwd%253DZXdZOFN3OFMrN1FjWlhOTGRid3YyUT09%26sa%3DD%26source%3Dcalendar%26usd%3D2%26usg%3DAOvVaw187efMJa_I0y-6haw1Ea09&data=04%7C01%7CMarraffJ%40upstate.edu%7C861e4e0b28ee480fbb7408d8cc5eb66b%7C5cf50a665e2641dd89f883cf73ffee98%7C0%7C0%7C637484054492978936%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=rqMXyaEs7jOnaNyOtjvtk3zFTH248tHipRK3YBgbzzk%3D&reserved=0)

    Or, go to [https://upstate.zoom.us/join](https://nam04.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.google.com%2Furl%3Fq%3Dhttps%3A%2F%2Fupstate.zoom.us%2Fjoin%26sa%3DD%26source%3Dcalendar%26usd%3D2%26usg%3DAOvVaw2P1625yjFZuCEQ10qZkYaa&data=04%7C01%7CMarraffJ%40upstate.edu%7C861e4e0b28ee480fbb7408d8cc5eb66b%7C5cf50a665e2641dd89f883cf73ffee98%7C0%7C0%7C637484054492978936%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=vYSKlofJBj7XTQzX6i0Y145%2B8KwQavSC7hx%2FkQvTueI%3D&reserved=0) and enter meeting ID: 940 2281 4635 and password: caseconf