

## **EM Toxicology Workshop 2018**

**Division of Emergency Medicine  
Dr. David Ouellette**

### **Thurs Nov 29, 2018 - Morning Session - OPEN UH – Aud A**

730 - 745	Toxicology in the News 2018	Dr. Bob Hoffman
745 – 830	OPC & Statistics	Dr. Connie MacKenzie
	New Drugs of Abuse	Dr. Connie MacKenzie
830 - 915	Extracorporeal Elimination of Toxins (EXTRIP)	Dr. Bob Hoffman
915 – 945	Cannabinoids: Impact on the ED, Presentation and Treatment	Dr. Bob Hoffman
945 - 1000	Break	
1000 – 1045	Pharmaceutical Errors in the ED	Dr. Connie MacKenzie
1045 - 1130	Psychiatric Medications	Dr. Morgan Riggan

### **1130 - 1300 EM DIVISION LUNCH**

### **Thurs Nov 29, 2018 - Afternoon Session - OPEN UH – Aud A**

1300 - 1345	Toxicologic Seizures & Unique Withdrawal Syndromes	Drs. Morgan Riggan/David Ouellette
1345 - 1430	Pesticides	Dr. Bob Hoffman
1430 - 1515	Case Discussions - Toxic Alcohols, Plants / Mushrooms	Everyone
1515 – 1545	Break	
1545 - 1615	CO, Cyanide, Methemoglobinemia	Dr. Connie MacKenzie
1615 - 1645	Metals	Dr. Bob Hoffman
1645 - 1730	Interesting Tox Case Discussions / Questions	Everyone

## **OBJECTIVES - EM Toxicology Workshop 2018**

1. Thorough review & update of GI Decontamination Principles in the Emergency Department
2. Discuss the differential diagnosis, presentation, and treatment of common toxicologic causes of bradycardia
3. Discuss the differential diagnosis, presentation, and treatment of common toxicologic causes of hypoglycaemia
4. Open & interactive discussion of common and unique toxicologic cases
5. Review of the metabolism and treatment of acetaminophen and ASA with a special discussion on the unique situation of massive acetaminophen overdose
6. Introduction to relevant and practice details of the Ontario Poison Control Centre
7. Thorough Update on the New Drugs Abuse in Ontario
8. An Update and complete review of extracorporeal elimination of toxins (EXTRIP)
9. Review and treatment of Cannabinoid Overdose in the ED
10. Discuss the common pharmaceutical errors in the ED
11. Review and Update on the Presentation and Treatment of Psychiatric Medication Overdose in the ED
12. Review and Update on the mechanisms, differential diagnosis, and treatment of toxicologic seizures
13. Discussion of Unique Withdrawal Syndromes
14. Review and Update on the Presentation and Treatment of Pesticide Exposures in the ED
15. Discussion of Unique Cases of Mushroom and Plant Toxicity in North America
16. Review and Update on the Presentation and Treatment of CO, Cyanide Exposure and Methemoglobinemia
17. Review and Update on the Presentation and Treatment of Heavy Metal Overdose in the ED