Workshop 1: Developing an oral fluid drug testing program – Basic considerations, guidelines, and implementation strategies

Date: Tuesday, September 15, 2020
Time: 9:00 am -1:00 pm PDT
Cost:

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Chairs
Nathalie A. Desrosiers
Team Leader, Toxicology Services
Royal Canadian Mounted Police
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Abstract
Oral fluid drug testing has continued to increase in prevalence and gain acceptance as specimen suitable for forensic use. With the rapid developments in oral fluid drug testing there is a need to provide updated information related to the availability of oral fluid screening devices and products for oral fluid specimen collection. Further, there is a need to provide practitioners with information related to how to evaluate oral fluid drug testing devices, standards and performance criteria as well as a means for implementing oral fluid pilot studies. In addition to forensic use, oral fluid has recently become an accepted specimen for workplace drug testing in the United States. The details of the standards, technical requirements for oral fluid drug testing and cutoff concentrations recently released by the Substance Abuse and Mental Health Services Administration (SAMHSA) will be discussed to provide practitioners with an understanding of the guidelines associated with oral fluid testing in the workplace.

Learning Objectives
1. Become familiar with the various oral fluid screening devices and collection devices.
2. Be able to assess oral fluid drug testing with respect to current literature, advantages, and limitations in driving under the influence of drugs (DUID) and workplace drug testing.
3. Be able to evaluate laboratory-based assessments and current standards for using oral fluid screening devices in DUID cases as well as developing a pilot oral fluid testing programs.

Faculty
Nathalie Desrosiers  
Team Leader, Toxicology Services  
Royal Canadian Mounted Police

Amanda Mohr  
Associate Director of Research  
Center for Forensic Science Research and Education

Karen Woodall  
Assistant Professor, Forensic Toxicology  
University of Toronto Mississauga

Ruth Winecker  
Director, Quality Assurance and Proficiency Program  
RTI International

Nicholas Fillinger  
Toxicology Technical Leader  
Michigan State Police

**Audience Knowledge Level**
Basic - suitable for individuals new to the field, requires little prior knowledge to the subject matter

**Workshop Agenda**

9:00-9:05 am:  Welcome and Introduction  
Amanda Mohr, Nathalie Desrosiers

9:05-9:30 am:  Review of Available Oral Fluid Screening and Collection Devices  
Nathalie Desrosiers

9:30-9:50 am:  Laboratory-Based Assessment of Oral Fluid Device Performance  
Amanda Mohr

9:50-10:05 am:  Break

10:05-10:35 am:  Oral Fluid Drug Testing in Canada  
Karen Woodall

Ruth Winecker

11:15-11:30 am:  Break

11:30-12:30 pm:  Pilot Studies and Oral Fluid Testing Program Implementation  
Nicholas Fillinger

12:30-1:00 pm:  Panel Discussion