



Oral Fluid Drug Testing in DUI Applications

2023 IACT Workshop
Sponsored by the SOFT/AAFS
Oral Fluid Committee

Location: Charleston Marriott, Charleston, SC
Date: Thursday, April 20, 2023 (Half Day)
Time: 8:00 AM – 12:00 PM

Workshop Chairs: Cindy Coulter and Jasmine Maxwell

Target Audience: Forensic practitioners and law enforcement of all level of experience

Abstract:

Oral Fluid (OF) drug testing is a valuable tool in the detection of drugged drivers and improving highway safety. The benefits of OF drug testing include detection of active, parent drug likely reflecting recent use, high concentration of most drugs in oral fluid compared to blood, the availability and use of roadside screening devices at the time of the traffic stop or crash, and a rapid, non-invasive collection that does not require medical professionals. There have also been advances in the field of drug breath testing. This workshop will explore the following learning objectives:

1. Answer frequently asked questions pertaining to OF drug testing
2. Provide an overview of practical and analytical considerations
3. Explain the difference between roadside OF drug screening for probable cause and laboratory OF evidentiary confirmation testing
4. Provide oral fluid analytical methods that meet the sensitivity requirements and are environmentally responsible
5. Provide drug stability seen in oral fluid samples from a mature testing program
6. Provide available resources to labs looking to implement a new oral fluid testing program

Course Specifics: The course fee includes registration, all course materials, attendance certificate, and breaks. Attendees will be responsible for travel, lodging, and meal expenses.

Agenda:

8:00-8:45: Drug Testing in Oral Fluid: Overview and Practical Considerations (Dr. Karl Scheidweiler)

8:45-9:15: Roadside Screening versus Laboratory Confirmation (Dr. Karl Scheidweiler)

9:15-9:30 - Break

9:30 – 10:15: Analytical Methodology and Workflow Efficiency (Cindy Coulter)

10:15 – 11:00: Oral Fluid Drug Stability and the Alabama Program (Jasmine Maxwell)

11:00 – 11:30: DUID Testing Using Oral Fluid: Updates from Regional Toxicology Liaison (Amy Miles)

11:30 – 12:00: Q & A Panel Discussion (All Speakers)