



*NOAP 2022 Annual Education Conference*

### MRO Toxicology Panel

- *Moderator:* Myrtle Greene, PhD, LMHC, CAP, ICADC
- James Ferguson, DO, DFASAM, C-MRO; FSSolutions; Chalfont, Pennsylvania
- Joe Jones, PhD, USDTL; Des Plaines, Illinois
- Barry Lubin, MD, FASAM, MRO; Affinity Online Solutions; Vienna, Virginia
- Donna Smith, PhD, EdD; RecoveryTrek; Virginia Beach, Virginia

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*NOAP 2022 Annual Education Conference*

### MRO Toxicology Panel

- MROs will briefly review how you maintained drug testing requirements for monitored healthcare professionals during the pandemic lockdown. Are we able to continue some of these collection methods going forward?

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*James Ferguson, DO, DFASAM, C-MRO;*  
*FSSolutions; A Vault Health Company*

- Please explain GC/MS confirmation
- Please explain immunoassay or GC/MS interference.
- How would you suggest handling "invalid" urine drug screen results for a healthcare professional who is being monitored?
- I've had several participants with low creatinine (under 20) on their uranalysis which is often due to overhydrating. What is your recommendation when this is a ongoing issue?

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*James Ferguson, DO, DFASAM, C-MRO;  
ESSolutions; A Vault Health Company*

Many of our monitored participants are using CBD oils and other products sold legally and are testing positive for cannabinoids.

- What is CBD oil?
- Advertisements say that CBD oil does not contain THC. Is that correct?
- Can CBD oils and products sold legally and in E-cigarettes result in a positive test for marijuana in a urine drug screen?, confirmation? Hair analysis?
- How would you suggest that a Case Manager handle and interpret a positive cannabinoid result?
- If Medical Marijuana use is permitted, how should a Case Manager interpret appropriate levels in screen results?
- Please discuss how a participant who is legitimately prescribed medical marijuana should be screened and managed in regard to screening for marijuana, urine, hair?



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*Joe Jones, PhD; USDTL*

Peth Hair/ Nail Analysis/Propofol

- Would you describe what a PETH test is?
- Would you explain how a Case Manager or Evaluator should interpret a positive PETH test result?
- Do you recommend a PETH test should be done routinely when a participant is being tested as a component of monitoring?
  - If so how often? Would the frequency differ for a participant with a drug of choice of Alcohol or a DUI versus a participant with drug using or diverting history?
- How far back does a hair test/ nail test go back with effective results?
- What is the best way to test for propofol ... How long does it stay detectable in the system?



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*Joe Jones, PhD; USDTL*

The Detection of Buprenorphine in Hair, Urine, Blood

- With the onset of new requirements for MAT what drug tests should be administered regularly for participants on MAT and actively practicing and what is the recommended frequency?

DNA Testing

- Please discuss DNA testing and how to incorporate it into drug testing.



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Barry Lubin, MD, FASAM, MRO;  
Affinity Online Solutions

- I have a participant that entered my program with an addiction to marijuana and inhalants. We test this person monthly for marijuana but we don't have a way to test for inhalants. Is there anything new that can test for this?



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Barry Lubin, MD, FASAM, MRO;  
Affinity Online Solutions

- Please explain Kratom - what is it? Is it legal to sell and use in the USA?
- Should Kratom be considered a violation of a participant's abstinence requirement in their monitoring contracts?
- Please explain the best testing methods to detect Kratom. Which method is the Best? How long does Kratom stay in the user's system?
- Do you recommend that monitoring participants be tested for Kratom? What test method? How frequently?



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Barry Lubin, MD, FASAM, MRO;  
Affinity Online Solutions

- Please explain Fentanyl - what is it? Pharmaceutical grade versus street drugs cut with fentanyl?
- Please explain the best testing methods to detect Fentanyl. Which method is the Best? How long does Fentanyl stay in the user's system?
- If a participant receives Fentanyl during a legitimate surgical procedure how long should a Casemanager wait to test for Fentanyl?
- Do you recommend that all monitoring participants be tested for Fentanyl? What test method? How frequently?



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*Barry Lubin, MD, FASAM, MRO;  
Affinity Online Solutions*

- Please explain how a participant who is legitimately prescribed Gabapentin and Lyrica should be managed?
- What are these drugs prescribed to treat? Are there any alternatives to these medications?
- Does Gabapentin or Lyrica have a potential for abuse?
- At what point would an increase in dosage be a red flag to the Case Manager? Also, can these medications cause impairment?
- Please explain the best testing methods to detect Gabapentin and Lyrica. Which method is the Best? How long does Gabapentin and/or Lyrica stay in the user's system?
- Do you recommend that monitoring participants be tested for Gabapentin and/or Lyrica? What test method? How frequently?

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*Donna Smith, PhD, EdD;  
RecoveryTrek*

- Many of our monitored participants tested positive for alcohol during the pandemic. The participants claimed the positive alcohol test was a result of CDC advised use of hand sanitizers and absorption into the skin.
- Can hand sanitizer result in a positive alcohol test in a urine drug screen?, ETG confirmation?, Peth test? Hair analysis?
- Please explain step by step as an MRO how a Case Manager should address this explanation.

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*Donna Smith, PhD, EdD;  
RecoveryTrek*

- In your opinion, how frequently should alcohol be tested for in a urine drug screen?
- In your opinion, how frequently should alcohol be tested for by ETG confirmation?
- In your opinion, how frequently should alcohol be tested for by Peth?
- In your opinion is serum testing ever indicated for the monitored population as opposed to suspected DUI/DWI by the police?

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*Donna Smith, PhD, EdD;*  
*RecoveryTrek*

- Please explain Kombucha tea and Mother's vinegar that are prevalent in many grocery stores and participants provide as an explanation for
  - a positive alcohol drug screen.
- How much of each would a participant need to consume to produce a positive alcohol result.
- Please discuss how a participant who is a diabetic should be screened and managed in regard to screening for alcohol, ETG and Peth?



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*Donna Smith, PhD, EdD;*  
*RecoveryTrek*

- What is a dilute specimen?
- Would you explain how a Case Manager or Evaluator should interpret a dilute UDS test result?
- Can drinking lots of water after exercise but before giving a screen be an adequate explanation for a dilute specimen?
- Can prescribed diuretics result in a dilute UDS?
- How should a dilute specimen be addressed? Should UDS frequency be increased? Should additional Peth or Hair testing be added?



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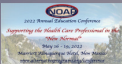
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**Additional questions??**



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