



**GODOY**

MEDICAL FORENSICS  
INCORPORATED

## **Alcohol and the Body: A Toxicologists Perspective**

### **Summary:**

*This is a 60-minute presentation that discusses alcohol pharmacology*

Alcohol is one of the major substances found in DUI cases. Understanding its effects can help determine if it is a factor in any traffic stop. This presentation is focused on DUI and how to handle testimony and pretrial considerations. Attendees will better understand how alcohol affects the body, how a lab analyzes the evidence and the science of alcohol intoxication. The presentation will also touch on what a DRE looks for.

### **Highlights (5-10 mins, each section)**

1. Alcohol structure
2. Pharmacology of alcohol
3. Blood alcohol vs. Urine alcohol
4. Breath alcohol overview
5. Alcohol in the body
6. Absorption, Distribution, Metabolism, Excretion (ADME) of alcohol
7. Blood Alcohol (BA) Analysis

### **Objectives**

Upon completion of this course, the attendee will:

1. Have a basic understanding of the chemical structure of alcohol.
2. Recognize different examples of alcohols.
3. Understand how alcohol moves throughout the body.
4. Understand how alcohol affects the body.
5. Be able to understand the basics of blood alcohol analysis, instrumentation and Quality Control