

Module 4: Do Not End Up in the Junkyard

Avoiding Harmful Substances

Topic 2 Content: Alcohol and Your Blood

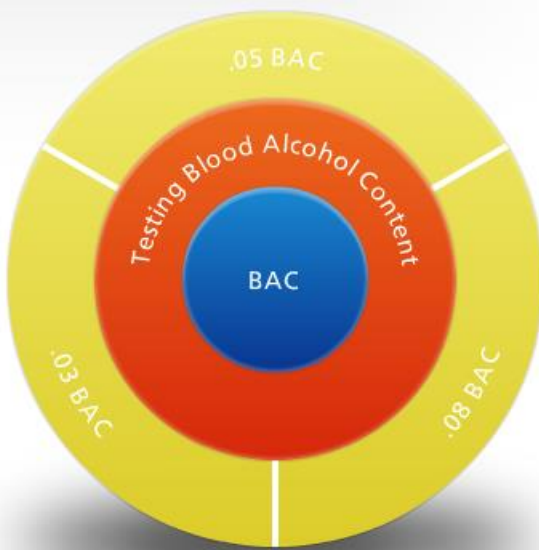
Introduction

Alcohol and Your Blood

Introduction

Find out how the amount of alcohol in your blood (blood alcohol content) is measured and how that alcohol affects your physical and mental abilities.

Click on each segment of the circle to learn!



The diagram is a circular graphic with three concentric layers. The innermost layer is a solid blue circle with the text 'BAC' in white. The middle layer is a red ring with the text 'Testing Blood Alcohol Content' in white, curved along the top. The outermost layer is a yellow ring divided into three equal segments by white lines. The top segment is labeled '.05 BAC', the bottom-left segment is labeled '.03 BAC', and the bottom-right segment is labeled '.08 BAC'.

Find out how the amount of alcohol in your blood (blood alcohol content) is measured and how that alcohol affects your physical and mental abilities. Click on each segment of the circle to learn.

Module 4: Do Not End Up in the Junkyard

Avoiding Harmful Substances

Topic 2 Content: Alcohol and Your Blood

BAC

Alcohol and Your Blood

BAC

Blood alcohol concentration, or BAC, is the concentration of alcohol in a person's blood. BAC is dependent on the number of drinks a person consumes, gender, body weight, and metabolism.

The diagram consists of three concentric circles. The innermost circle is blue and contains the text 'BAC'. The middle ring is red and contains the text 'Testing Blood Alcohol Content'. The outermost ring is yellow and is divided into three segments by white lines. The top segment is labeled '.05 BAC', the bottom-left segment is labeled '.03 BAC', and the bottom-right segment is labeled '.08 BAC'. A white arrow points from the text box on the left to the center of the diagram.

Blood alcohol concentration, or BAC, is the concentration of alcohol in a person's blood. BAC is dependent on the number of drinks a person consumes, gender, body weight, and metabolism.

Module 4: Do Not End Up in the Junkyard

Avoiding Harmful Substances

Topic 2 Content: Alcohol and Your Blood


Testing Blood Alcohol Content

Alcohol and Your Blood

Testing Blood Alcohol Content

When a person drinks, alcohol is absorbed into the bloodstream. Blood flows into the lungs, and some of the alcohol moves across tiny air sacs in the lungs and can be detected as a person exhales, or breathes out. A breathalyzer tests for blood alcohol content when a person exhales into the device, which then measures the amount of alcohol in their blood.

There is no way to cheat a breathalyzer test. If you have been drinking, it will be detected by the test!



When a person drinks, alcohol is absorbed into the bloodstream. Blood flows into the lungs, and some of the alcohol moves across tiny air sacs in the lungs and can be detected as a person exhales, or breathes out. A breathalyzer tests for blood alcohol content when a person exhales into the device, which then measures the amount of alcohol in the blood.

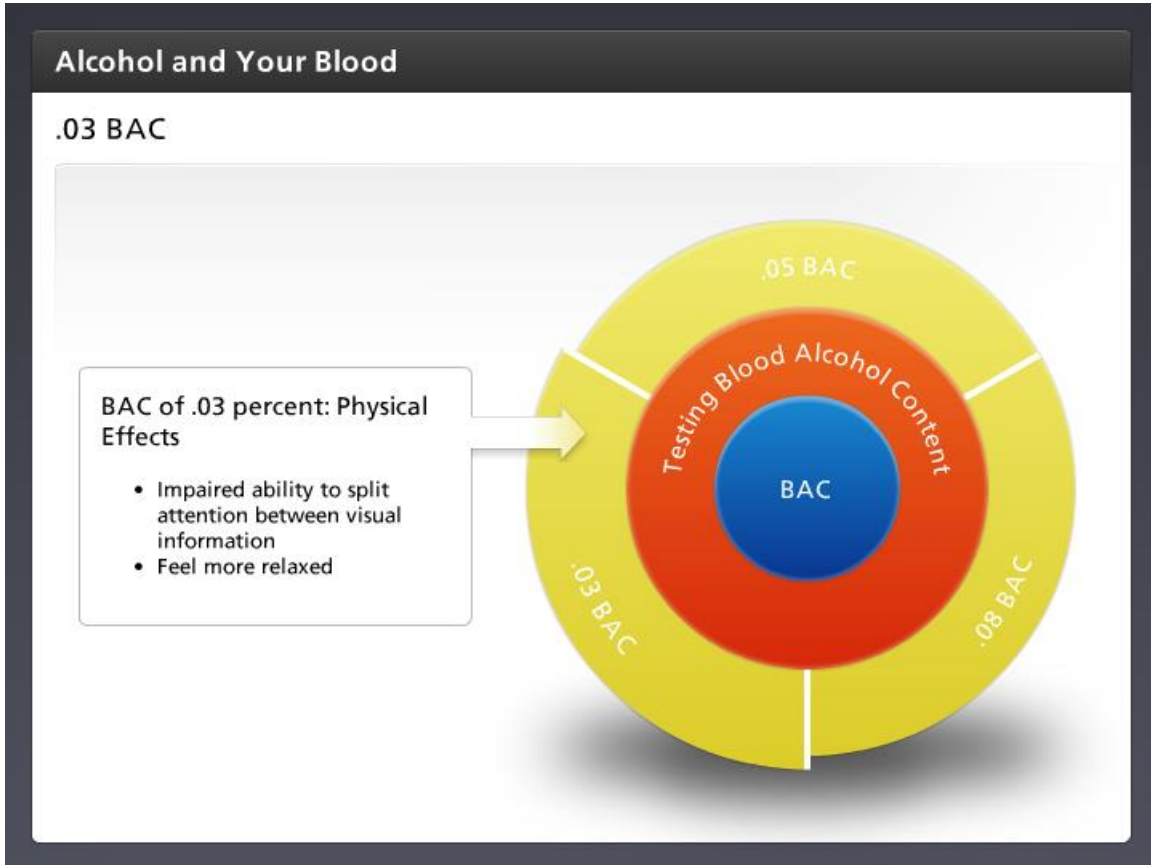
There is no way to cheat a breathalyzer test. If you have been drinking, it will be detected by the test.

Module 4: Do Not End Up in the Junkyard

Avoiding Harmful Substances

Topic 2 Content: Alcohol and Your Blood

.03 BAC



BAC of .03 percent: Physical Effects

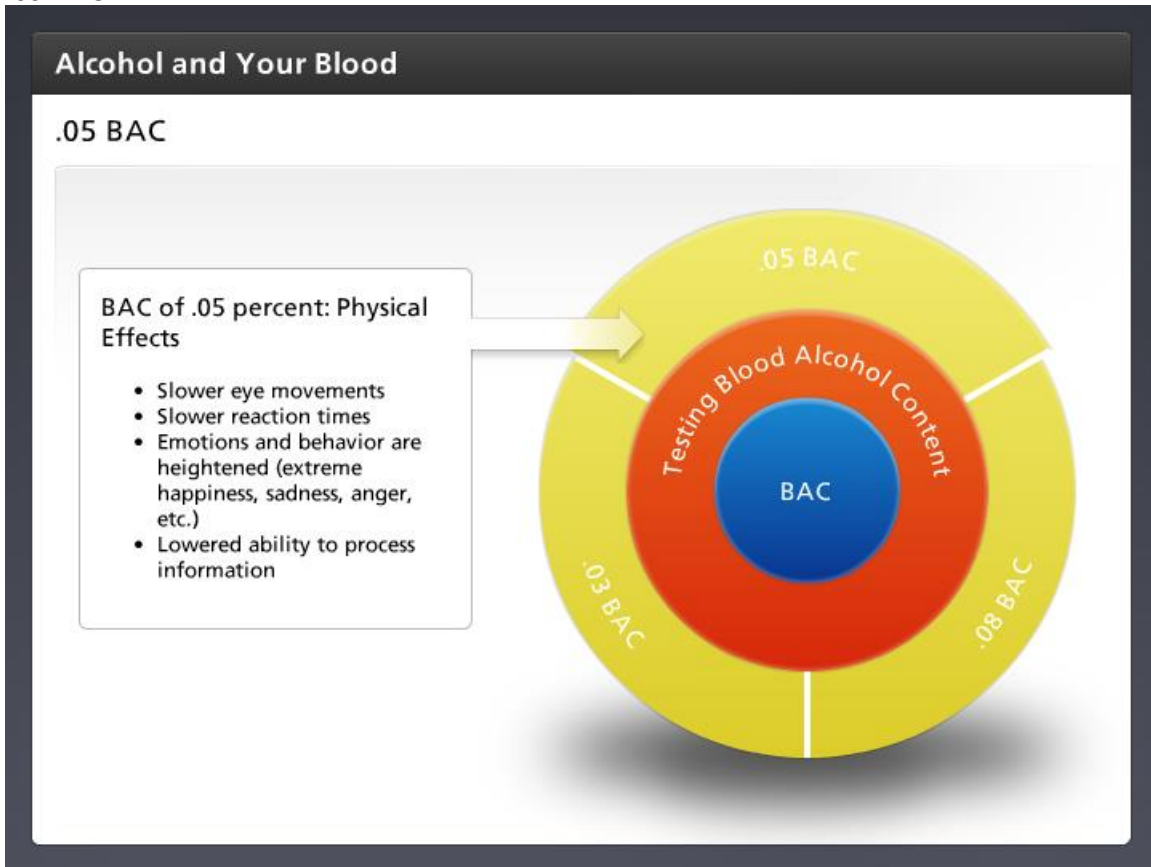
- Impaired ability to split attention between visual information
- Feel more relaxed

Module 4: Do Not End Up in the Junkyard

Avoiding Harmful Substances

Topic 2 Content: Alcohol and Your Blood

.05 BAC



BAC of .05 percent: Physical Effects

- Slower eye movements
- Slower reaction times
- Emotions and behavior are heightened (extreme happiness, sadness, anger, etc.)
- Lowered ability to process information

Module 4: Do Not End Up in the Junkyard

Avoiding Harmful Substances

Topic 2 Content: Alcohol and Your Blood

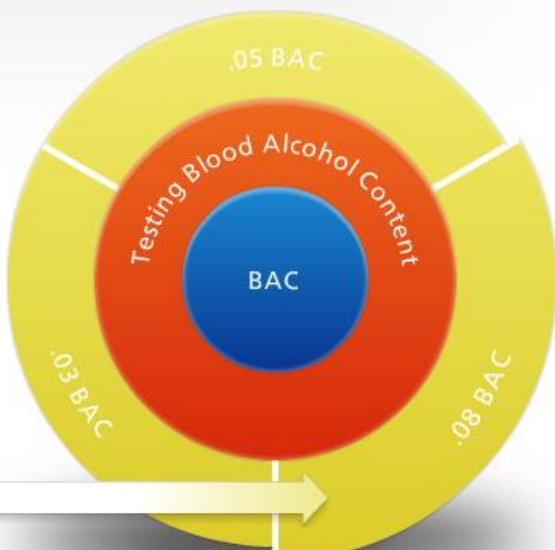
.08 BAC

Alcohol and Your Blood

.08 BAC

BAC of .08 percent: Physical Effects

- Impairment of balance, speech, vision, hearing, memory, and hearing
- Much lower reaction times and inhibitions
- You will probably believe you are driving better than you actually are. Eek!



BAC of .08 percent: Physical Effects

- Impairment of balance, speech, vision, hearing, and memory
- Much lower reaction times and inhibitions
- You will probably believe you are driving better than you actually are.