Alcohol, Sedatives, and Hallucinogens

Course Outline

Introduction

- Alcohol
  - Description
  - Statistics
- Sedatives
  - Description
  - Statistics
- Hallucinogens
  - Description
  - Statistics

History of Alcohol and Sedatives

- History of Alcohol
  - Early History of Alcohol
  - Early U.S. History of Alcohol
    - Temperance Movement
    - State Prohibition Laws
    - Pure Food and Drug Act
  - Modern U.S. History of Alcohol
    - Eighteenth Amendment
    - Volstead Act of 1920
    - Twenty-First Amendment
  - Modern U.S. History of Alcohol After Prohibition
- History of Fetal Alcohol Syndrome
- History of Sedatives
  - Barbiturates
  - Quaaludes
  - Benzodiazepines
    - Abuse of Benzodiazepines
  - GHB
- Learning Check

Types and Effects of Sedatives and Alcohol

- Types of Barbiturates
- Types of Benzodiazepines
  - Rohypnol
- Types of Hypnotics
- Nonbenzodiazepines or Barbiturate Sedatives
- Effects of Sedatives
Alcohol, Sedatives, and Hallucinogens

Course Outline

✓ On the Body
✓ On the Brain
✓ On Behavior
• Nonbenzodiazepine Sedative Hypnotics
• Methanol Versus Ethanol
• Types of Alcohol
  ✓ Rum
  ✓ Brandy
  ✓ Gin
  ✓ Liqueurs
• Alcohol and Food
  ✓ How Alcohol Is Digested
• Effects of Alcohol
  ✓ Effects of Alcohol on the Heart, Liver, and Stomach
  ✓ Effects of Alcohol on the Blood and Sexual Functioning
  ✓ Effects of Alcohol on the Brain
  ✓ Effects of Alcohol on a Woman’s Brain
  ✓ Effects of Alcohol on Behavior
  ✓ Blackouts
  ✓ Wernicke-Korsakoff Syndrome
• Impact of Alcohol
  ✓ Fetal Development
  ✓ Sexual Assault
  ✓ Driving
    ▪ Closer Look at the Designated Driving Program
• Withdrawal and Detoxification
  ✓ Withdrawal
  ✓ Detoxification
  ✓ Withdrawal Symptoms from Alcohol and Sedatives
    ▪ From Alcohol
    ▪ From Sedatives
  ✓ Detoxification from Alcohol
  ✓ Detoxification from Sedatives

Withdrawal and Detoxification
• Terms to Understand
  ✓ Definitions of Dependence
    ▪ World Health Organization
    ▪ National Institute of Drug Abuse
Alcohol, Sedatives, and Hallucinogens

Course Outline

- Diagnostic and Statistical Manual
- Updates to DSM-5
- International Classification of Disease
- Drug Enforcement Administration
  - Definition of Tolerance
    - Tolerance Poem
  - Definition of Withdrawal
  - Definition of Detoxification
- Withdrawal Symptoms
  - From Alcohol
  - From Sedatives
- Detoxification
  - From Alcohol
  - From Sedatives

Alcohol and Sedative Drug Interaction
- Alcohol
  - With Prescription and Over-the-Counter Drugs
  - With Stimulants
  - With Depressants
- Sedatives
  - With Prescription and Over-the-Counter Drugs
  - With Other Over-the-Counter Drugs
  - With Illicit Drugs
- Learning Check

History of Hallucinogens
- Early History of Hallucinogens
- History of Marijuana Use
  - Modern History of Marijuana Use
  - Marijuana for Medical Purposes
- History of LSD
- History of PCP
- History of Psilocybin
  - Western Use of Psilocybin
- History of Dextromethorphan
- Early Years of Medical Marijuana
  - Medical Marijuana in the 21st Century
- Learning Check
Types and Effects of Hallucinogens

- Types of Hallucinogens
  - Dissociative Hallucinogens
    - PCP
    - Ketamine
    - Dextromethorphan
  - Psychedelic Hallucinogens
    - LSD, Psilocybin, and Peyote
    - Marijuana, Hashish, and Hashish Oil

- Effects of Hallucinogens on the Brain
- Effects of Marijuana on the Brain
- Effects of Hallucinogens
  - On the Body
  - On Behavior
- Learning Check

Hallucinogen Interactions With Other Drugs

- With Psychiatric Medications
- With Alcohol
- With Marijuana
  - Marijuana Mixed With Other Drugs
- Case Study

Course Closing

- Final Thoughts
- Resources for Professionals
  - Suggested Readings
  - Websites