

## Student Study Guide for DHYG 250

### Ch 65: The Patient with a Substance-Related Disorder

#### **Objectives:**

- 1.Explain key terms and concepts related to metabolism, intoxication effects, use patterns of alcohol.
- 2.Identify physical health hazards, medical effects, oral manifestations associated with alcohol other drug abuse.
- 3.List the names of the most commonly abused drugs and describe their intoxication effects and methods of use.
- 4.Describe methods for clinical assessment of potential substance abuse.
- 5.Support patients who have a substance related disorder and tailor dental hygiene process of care to their needs.

#### **Outline:**

CHAPTER OUTLINE		
<b>INTRODUCTION</b>	<b>ALCOHOL WITHDRAWAL SYNDROME</b>	<b>MEDICAL EFFECTS OF DRUG ABUSE</b>
<b>ALCOHOL CONSUMPTION</b>	I. Predisposing Factors	I. Cardiovascular Effects
I. Clinical Pattern of Alcohol Use	II. Signs and Symptoms	II. Neurological Effects
II. Etiology	III. Complications	III. Gastrointestinal Effects
<b>METABOLISM OF ALCOHOL</b>	<b>TREATMENT FOR ALCOHOLISM</b>	IV. Kidney Damage
I. Ingestion and Absorption	I. Early Intervention	V. Liver Damage
II. Liver Metabolism	II. Detoxification	VI. Musculoskeletal Effects
III. Diffusion	III. Pharmacotherapy	VII. Respiratory Effects
IV. Blood Alcohol Concentration	IV. Rehabilitation	VIII. Prenatal Effects
<b>HEALTH HAZARDS OF ALCOHOL</b>	<b>ABUSE OF PRESCRIPTION AND STREET DRUGS</b>	IX. Infections
I. Liver Disease	<b>RISK MANAGEMENT FOR LEGAL PRESCRIPTIONS</b>	<b>TREATMENT METHODS</b>
II. Immunity and Infection	I. Dental Team Responsibilities	I. Behavioral Change Interventions
III. Digestive System	II. Prevention of Prescription Drug Abuse	II. Drug Withdrawal Medications
IV. Nutritional Deficiencies	<b>MOST COMMON DRUGS OF ABUSE</b>	<b>DENTAL HYGIENE PROCESS OF CARE</b>
V. Cardiovascular Diseases	I. Cannabinoids (Marijuana)	I. Assessment
VI. Neoplasms	II. Depressants	II. Intraoral Examination
VII. Nervous System	III. Dissociative Anesthetics	III. Dental Hygiene Diagnosis
VIII. Reproductive System	IV. Hallucinogens	IV. Planning
<b>FETAL ALCOHOL SPECTRUM DISORDERS</b>	V. Opioids and Morphine Derivatives	V. Implementation
I. Alcohol Use During Pregnancy	VI. Stimulants	VI. Evaluation
II. Criteria for FASD Diagnosis	VII. Other Compounds	<b>DOCUMENTATION</b>
III. Characteristics of an Individual with FASD		<b>EVERYDAY ETHICS</b>
		<b>FACTORS TO TEACH THE PATIENT</b>
		<b>REFERENCES</b>

#### **Things to Know:**

(Make sure to look at \*\*STAR\*\* items in PPT as well!)

- Key Terms, Box 65-1
- Spectrum of alcohol abuse, figure 65-1

- 4 signs of alcoholism
- How is alcohol metabolized?
  - What is BAC?
  - What effects BAC levels
- What are the health hazards of alcohol overuse
  - Each health system effects
  - W-K syndrome
  - FASD
- Symptoms of Withdrawal
- Treatments for alcoholism
  - Intervention, detox, medications, rehab, therapy, support
- Know common drugs that are abused.
- What is the dental team responsibility?
  - alert and aware of symptoms, refer!
  - Responsibility in our proctoring of nitrous oxide and dispense of opioids
- Health system effects from drugs
- Treatments for drug/substance use disorder
  - Behavior change
  - Drug withdrawal
- DHYG Process of Care
  - What are you looking for during your assessments?
  - What is important to document?
  - What would you recommend for your patient for OHI?
  - How might you modify your clinical treatment?
- Screening tools – CAGE, 5 A's

### **Supplemental Resources:**

OHI/ Focus on Rinses:

<https://dimensionsofdentalhygiene.com/article/focus-on-mouthrinses-844/>

Podcasts:

<http://nobodytoldmethat.otcpn.libsynpro.com/ep-71-spotting-substance-abuse-in-your-office-with-edie-gibson-rdh>

<https://www.youtube.com/watch?app=desktop&v=uHGBgx41o4E>

CE Articles on Dental Care:

<https://www.dentalcare.com/en-us/professional-education/ce-courses/ce545>

<https://www.dentalcare.com/en-us/professional-education/ce-courses/ce560>

Book:

Dopesick by Beth Macy

