

**Addiction Medicine Review Course 2010 (Newport Beach)  
Study Guide CD-ROM / Table of Contents**

**Preparing for the ABAM Certification Exam**

**Practice Questions**

**Questions presented as part of the 2010 Certification Exam Preparation Track**

These files have questions only. Files with answers will be posted AFTER the ABAM Certification Exam Prep Track

- [Alcohol and Neurobiology](#)
- [Benzodiazepine Pain AA, Co-Occurring Disorders](#)
- [Opiates, Medical Co-Morbidities, Inhalants](#)

**Other Questions**

- [Sample Questions from ABAM 2010](#)
- [Questions Prepared by CSAM Examination Prep Track Committee \(2008\)](#)
- [Sample Questions Submitted by ASAM 2008](#)
- [APA Self Assessment in Substance Abuse Treatment \( American Psychiatric Association, 2005\)](#) ( Book with over 50 chapters and hundreds of questions based on the APA substance abuse text)
- [Selected APA Review Questions](#) (Powerpoint presentation of selected questions from 2008 Review Course)
- [ASAM Practice Questions](#) from 2008
- [ASAM Questions Discarded from Exam Pool](#) 2008 (from Michael Weaver, Chair of ASAM Exam Committee)
- [Sample examination questions \(courtesy John Griffin, Jr., M.D., previous Chair of the ASAM Examination Committee\)](#) (pre-2008) Please note that there will not be K type questions (questions 10 and 11) on the exam. We have included these questions for True/False practice.
- [Benzodiazepine Questions](#)

**Articles and Figures**

**A. Basic Science**

- [Mechanisms of Disease: Drug Addiction Jordi Camí, M.D., Ph.D., and Magí Farré, M.D., Ph.D. NEJM 349;10 www.nejm.org September 4, 2003](#)
- [The addicted human brain: insights from imaging studies Nora D. Volkow, Joanna S. Fowler, and Gene-Jack Wang J. Clin. Invest. 111 :1444–1451 \(2003\)](#)
- [Antonelli and Schuckitt, Genetics of Addiction from the 2nd Edition of the ASAM textbook 1998](#) (Comment: there is not a similar chpt in the 3rd edition. Background of

twin studies and items discussed in the beginning of the chpt are testable. The rapid advances in genetics will outdate some of the other material in the chapter - but this will take several more yrs to occur)

## Tables

- [Initial Targets of Drugs of Abuse -- Section 1 Chapter 6 Table 1 \(pg 74\)](#)
- [Diagram in Nestler's Chapter on Neuroadaptation](#) Nestler also wrote the chapter in the 3rd Edition, but this diagram I have found particularly helpful and was not in the 2003 version.

## B. General Pharmacology

- [Medications development: Successes and challenges Frank Vocci , Walter Ling](#)

### Tables and Diagrams

- [Full agonist, partial agonist, and competitive and noncompetitive antagonists -- Section 2 Chapter 1 Tables 13, 14 \(pg 96, 97\)](#)
- [Inducers and Inhibitors Cytochrom2P450](#)
- [Extrapolating ETOH Concentrations](#)
- [Types of receptor-effector linkage](#)
- [CAMP Second Messenger Pathway](#)
- [Ca2+ -phosphoinositide signaling pathway](#)

## C. Alcohol

- [The Role of Biomarkers in the Treatment of Alcohol Use Disorders](#)
- [Psychiatry Board Review on Alcohol Use Disorders Shannon Miller, MD \(2002\)](#)
- [Alcohol Withdrawal Syndrome Bayard-AAFP 2004](#)
- [Pharmacologic management of Alcohol Withdrawal: A meta-analysis and evidence based practice guideline. Mayo Smith 1997 JAMA July 9\(2\)144-51](#)
- [Management of Alcohol Withdrawal Delirium \*An Evidence-Based Practice Guideline\* Mayo-Smith et al. Arch Intern Med / Vol 164, July 12, 2004](#)
- [Steven H. Williams "Medications for the Treatment of Alcohol Dependence" American Family Physician 2005: 72: 1775-1780](#)
- [Package insert for Campral](#)
- [Combined Pharmacotherapies and Behavioral Interventions for Alcohol Dependence](#)

## D. Benzodiazepines

- [Addiction: Part I. Benzodiazepines--Side Effects, Abuse Risk and Alternatives Longo \(Am Family Physician 20000\)](#)

- [Chapter 8: The Pharmacology of Nonalcohol Sedative Hypnotics. Domenic A. Ciraulo MD and Clifford M. Knapp PhD \(Principles of Addiction Medicine 4<sup>th</sup> edition.](#)
- [Chapter 43: Management of Sedative-Hypnotic Intoxication and Withdrawal. William E. Dickinson DO, FASAM, FAAFP; Steven J. Eickelberg MD, FASAM \(Principles of Addiction Medicine 4<sup>th</sup> edition\)](#)
- Website: <http://www.benzo.org.uk/manual/index.htm>

#### **Tables and Diagrams**

- [Time-Course of Sedative-Hypnotic Withdrawal -- Section 5 Chapter 3 Figure 1 \(pg 636\)](#)

#### **E. Club Drugs**

- [Psychiatry Board Review Raves and Club Drugs, Shannon Miller \(2003\)](#)
- [Club Drugs: MDMA, Gamma-Hydroxybutyrate \(GHB\), Rohypnol, and Ketamine \(Paul Gahlinger AFP 2004\)](#)
- [Dextromethorphan / DXM \(from Univ of MD website\)](#)
- [GHB \(from Univ of MD website\)](#)
- [Khat \(from Univ of MD website\)](#)
- [Salvia divinorum \(from Univ of MD website\)](#)
- [Ecstasy \(from Univ of MD website\)](#)

#### **F. Steroids**

- [Anabolic Steroid \(from Univ of MD website\)](#)

#### **Tables and Diagrams**

- [Anabolic-Androgenic Steroids and Related Products -- Section 2 Chapter 12 Table 1 \(pg 314-316\)](#)
- [Side Effects of Anabolic-Androgenic Steroids -- Section 2 Chapter 12 Figure 1 \(pg318\)](#)

#### **G. Inhalants**

- [Inhalants \(from Univ of MD website\)](#)
- [Chapter 16: The Pharmacology of Inhalants Robert L. Balster PhD \(Principles of Addiction Medicine 4<sup>th</sup> edition\)](#)

#### **Tables and Diagrams**

- [Pharmacologic classification of Abuse Inhalents -- Section 2 Chapter 11 Table 1 \(pg298\)](#)

#### **H. Cocaine, Methamphetamine, Other Stimulants**

- [Will the Methamphetamine problem go away? Richard Rawson, PhD, Walter Ling, MD](#)
- [Emerging research on methamphetamine. Jane Carlisle Maxwell](#)

### Tables and Diagrams

- [Stimulants Available by Prescription and Over-the-Counter in the United States -- Section 2 Chapter 5 Tables 1, 2 \(pg 164, 166\)](#)
- [Neuropharmacologic Actions of Selected Stimulants -- Section 2 Chapter 5 Table 4 \(pg 174\)](#)

### I. Marijuana

- [Review of the validity and significance of cannabis withdrawal syndrome. Am J Psychiatry. 2004 Nov;161\(11\):1967-77.](#)
- [Development and Consequences of Cannabis Dependence. Alan J. Budney, PhD, and Brent A. Moore, PhD Journal of Clinical Pharmacology, 2002;42:28S-33S](#)
- [Treatment of marijuana dependence: a review of the literature Aimee L. McRae, Pharm.D. Journal of Substance Abuse Treatment 24 \(2003\) 369–376](#)

### J. Caffeine

#### Tables and Diagrams

- [The Chemical Structures of Caffeine and Adenosine -- Section 2 Chapter 6 Figure 1 \(pg 194\)](#)
- [Typical Caffeine Content of Common Foods and Medications -- Section 2 Chapter 6 Table 1 \(pg 195\)](#)

### K. Nicotine

- [Nicotine Addiction. Neal L. Benowitz, M.D. N Engl J Med 2010;362:2295-303.](#)
- [Pharmacology of Nicotine: Addiction, Smoking-Induced Disease, and Therapeutics / Neal L. Benowitz](#)
- [Multimodal techniques for smoking cessation: a review of their efficacy and utilisation and clinical practice guidelines V. I. Reus 2008](#)
- [Psychiatry Board Review on Nicotine Use Disorders Shannon Miller \(2004\)](#)
- [Pharmacotherapy for Nicotine Dependence Henningfield](#)
- [First Line Pharmacotherapy for Tobacco Use \(Stepped Care: An evidence-based approach to drug therapy 2002](#)
- [Treating Tobacco Dependence in Light of the 2008 US Department of Health and Human Services Clinical Practice Guideline From the Division of General Internal Medicine \(J.T.H., A.S.\) and Division of Primary Care Internal Medicine \(J.O.E.\), Mayo Clinic, Rochester, MN](#)

## Tables and Diagrams

- [Items and Scoring for the Fagerstom Test for Nicotine Dependence -- Section 6 Chapter 7 Table 3 \(pg 808\)](#)

## L. Hallucinogens/PCP

### Tables and Diagrams

- [Dose-Related Effects of Phencyclidine in Normal Subjects -- Section 2 Chapter 10 Table 1 \(pg 290\)](#)
- [Acute Medical Complications of Intoxication with LSD, MDMA, Marijuana, or PCP -- Section 5 Chapter 5 Table 5 \(pg 680\)](#)

## M. Opiates

### M-1 Methadone

- [Methadone-Drug Interactions -- Section 6 Chapter 3 Table 1 \(pg 736\)](#)
- [Methadone Drug Interactions 2007](#)

### M-2 Buprenorphine

- [PCSS Guidance: Acute Pain](#)
- [PCSS Guidance: Management of Psychiatric Medications in Patients Receiving Buprenorphine/Naloxone](#)
- [PCSS Guidance: Monitoring of Liver Function Tests and Hepatitis in Patients Receiving Buprenorphine/Naloxone](#)
- [PCSS Guidance: Opioid Therapies, HIV Disease and Drug Interactions](#)
- [PCSS Guidance: Pregnancy and Buprenorphine Treatment](#)
- [PCSS Guidance: Buprenorphine Induction](#)
- **Buprenorphine Powerpoint Presentations (2002)**
  - [Algorithms](#)
  - [Common Medical Problems in Opioid-Addicted Patients / Diana Sylvestre, MD](#)
  - [Opiate Receptor Pharmacology / Donald Wesson, MD](#)
  - [Pain Management: Patients Maintained on Buprenorphine / Karen Miotto, MD](#)

### M-3 Prescription Drug Abuse

- [The New Dawn Report Issue 23, 2006 Emergency Department Visits Involving NonMedical Use of Selected Pharmaceuticals](#)

- [Richard A Friedman "The Changing Face of Teenage Drug Abuse-The Trend Toward Prescription Drugs" NEJM 4/6/06 pgs 1448-1450](#)

## **N. Pain Rx**

- [Universal Precautions in Pain Medicine: A Rational Approach to the Treatment of Chronic Pain](#)
- [Definitions Related to the Use of Opioids for the Treatment of Pain: A consensus document from the American Academy of Pain Medicine, the American Pain Society, and the American Society of Addiction Medicine](#)
- [Clinical approach to patients with neuropathic pain Stillman, Cleveland Clinic 2006](#)
- [Opioid Guidelines in the Management of Chronic Non-Cancer Pain, Trescot et al. \*Pain Physician\*. 2006;9:1-40, ISSN 1533-315](#)
- [Use of Urine Drug Tests in a Chronic Pain Practice \(Howard Heit\) -- Section 12 Chapter 5 pg 1455-56](#)

## **Tables and Diagrams**

- [Approach to Chronic Pain Treatment in Addiction -- Section 12 Chapter 2 Table 2 \(pg 1414\)](#)
- [WHO Step Ladder for Cancer Pain Treatment -- Section 12 Chapter 2 Figure 2 \(pg 1415\)](#)
- [Problems Suggestive of Addiction Associated with Chronic Opioid Therapy -- Section 12 Chapter 5 Table 1 \(pg 1453\)](#)
- [Comparison of Non-Addicted Chronic Pain Pts and Opioid-Abusing Pts in Relation to DSM-IV -- Section 12 Chapter 8 Table 1 \(pg 1486\)](#)

## **O. DSM and ICD Diagnoses**

- [Appendix 5: Summary of DSM-IV Diagnostic Criteria \(ASAM Principles 2003\)](#)
- [Appendix 6: Summary of the ICD-10 Diagnostic Criteria \(ASAM Principles 2003\)](#)

## **Tables and Diagrams**

- [Diagnosis Associated with Class of Substance](#)
- [Presence of Clinically Distinct substance Intoxication or Withdrawal Syndromes, According to DSM-IV Criteria -- Section 5 Chapter 5 Table 1 \(pg 672\)](#)

## **P. Patient Placement Criteria**

- [Appendix 2: Crosswalks of the ASAM Patient Placement Criteria, Second Edition-Revised \(ASAM Principles 2003\)](#)
- [ASAM Patient Placement Criteria, Handouts from David Mee Lee, MD](#)

- [A Decision Tree to Match Assessment with Treatment Planning and Placement -- Section 4 Chapter 5 Figure 2 \(pg 455\)](#)

## Q. Screening Tests

- [Appendix 4: Screening and Assessment Instruments \(ASAM Principles 2003\)](#)
- [How to spot illicit drug abuse in your patients Michael D. Johnson, PharmD; Thomas J. Heriza, MD; Clarke St. Dennis, RPh, PhD, vol 106, no 4, 1999, Postgraduate Medicine](#)

### Tables and Diagrams

- [Screening Instruments for Harmful and Dependent Drinkers -- Section 3 Chapter 3 Table 1 \(pg 350\)](#)
- [Sensitivity, Specificity, and Positive Predictive Values for Different CAGE Scores at Varying Prevalences of Alcohol Abuse and Dependence -- Section 3 Chapter 3 Table 2 \(pg 352\)](#)

## R. Intervention

### Tables and Diagrams

- [An example of a FRAMES Intervention for Trauma Victims Section 3 Chapter 3 Table 3 \(pg 358\)](#)
- [Steps for Screening and Brief Intervention -- Section 3 Chapter 4 Table 1 \(pg 363\)](#)
- [Brief Intervention for Injured Patients -- Section 10 Chapter 10 Table 2 \(pg 1201\)](#)

## S. Medical Co-Morbidity

- [Hep C University](#) is an educational website designed for providers seeking to learn the latest information on the treatment of Hepatitis C. Using this site, treatment providers receive expert mentoring through the innovative HCV Fellows Program offered free of charge.

### Tables and Diagrams

- [Selected Medical Disorders Related to Alcohol and Other Drug Use -- Section 10 Chapter 1 Table 1 \(pg 1032-1033\)](#)
- [Liver Disorders Associated with Substance Abuse -- Section 10 Chapter 3 Table 1 \(pg 1078\)](#)
- [Risk Factors for Hepatitis C -- Section 10 Chapter 3 Table 4 \(pg 1092\)](#)
- [Common Drugs of Abuse Associated with Renal Problems -- Section 10 Chapter 4 Table 1 \(pg 1100\)](#)
- [Renal Syndromes Commonly Associated with Alcohol and Drug Abuse -- Section 10 Chapter 4 Table 2 \(pg 1101\)](#)

- [Pugh Classification \(for preoperative risk in persons with alcoholic liver disease\) -- Section 10 Chapter 11 Table 1 \(pg 1209\)](#)
- [Endocrine syndromes Associate with Alcohol and Other Drug Use -- Section 10 Chapter 12 Table 1 \(pg 1218\)](#)

## **S-2 Nutrition and Vitamins**

- [Vitamin Deficiency/Overdose \(Excerpt from MedStudy Internal Medicine Review Core Curriculum 2005\)](#)

## **S-3 Poisoning**

- [Poisoning \(Excerpt from MedStudy Internal Medicine Review Core Curriculum 2005\)](#)

## **T. Psychiatric Comorbidity and Gambling**

- [Treatment of Depression in Patients With Alcohol or Other Drug Dependence A Meta-analysis Nunez 2004](#)
- [Pathological Gamblin \(Hollander Review Article, 2000\)](#)
- [Prevalence, Assessment, and Treatment of Pathological Gambling: A Review \(Petry 1999\)](#)

## **Tables and Diagrams**

- [DSM-IV Substance-Induced Mental Disorders -- Section 11 Chapter 1 Table 1 \(pg 1264\)](#)
- [Guidelines for Diagnosis of Affective Disorder -- Section 11 Chapter 2 Table 1 \(pg 1278\)](#)
- [Data Sources for Distinguishing Comorbid Anxiety Disorder From Substance Use Disorder Section 11 Chapter 3 Table 1 \(pg 1291\)](#)
- [Psychotic symptoms -- Section 11 Chapter 4 Table 1 \(pg 1298\)](#)
- [DSM-IV Classification of Psychotic Disorders -- Section 11 Chapter 4 Table 4 \(pg 1301\)](#)
- [Criteria for Attention Deficit/Hyperactivity Disorder -- Section 11 Chapter 5 Table 1 \(pg 1322-1323\)](#)
- [Attention and Memory Strategies for Individuals with Attention Deficit/Hyperactivity Disorder --Section 11 Chapter 5 Table 2 \(pg 1333\)](#)
- [Diagnostic Criteria for Anorexia Nervosa and Bulimia -- Section 11 Chapter 5 Tables 3 and 4 \(pg 1334, 1336\)](#)
- [DSM-IV Criteria for Borderline Personality Disorder -- Section 11 Chapter 7 Table 1 \(pg 1360\)](#)

## **U. Pregnancy and Perinatal Addiction**

## Tables and Diagrams

- [Medications in Pregnancy \(Compiled by Margaret Warner, MD for 2002 Review Course\)](#)
- [Guidelines for Prenatal Care of the Addicted Pregnant Woman -- Section 10 Chapter 13 Table 1 \(pg 1232\)](#)
- [Similarities and Differences Between Sedative-Hypnotic Withdrawal and Pregnancy - - Section 10 Chapter 13 Table 4 \(pg 1237\)](#)
- [Time to Onset of Neonatal withdrawal Signs -- Section 10 Chapter 13 Table 6 \(pg 1240\)](#)
- [Neonatal Opioid withdrawal Pharmacotherapy -- Section 10 Chapter 13 Table 7 \(pg 1241\)](#)
- [Neonatal Abstinence Scale -- Section 10 Chapter 13 Figure 1 \(pg 1242\)](#)

## V. Treatment

- [List of 12 steps and 12 traditions](#)
- [Common Problems in Patients Recovering from Chemical Dependency, Edna Marie Jones, M.D., AAFP 2003](#)

## W. Drug Schedules

- [Prescribing Controlled Drugs American Medical Association](#) (gives safeguards to discourage prescription fraud by one's pts; gives rationale for drug schedules 1-5)

## Tables and Diagrams

- [DEA lists of Commonly Abused Drugs](#)
- [Appendix 1: Federal Schedules of Controlled Drugs \(ASAM Principles 2003\)](#)
- [DEA Drug Schedule \(September 2006\)](#)

## X. Drug Screening Tests (Urine and Other)

- [Urine Drug Testing in Primary Care \(2004\)](#)

## Tables and Diagrams

- [Compounds that Can Cause False Positive Results in Urine Immunoassays -- Chapter 2 Table 1 \(pg 338\)](#)
- [Cutoff Values for Drug Screening Tests -- Section 3 Chapter 2 Table 2 \(pg 340\)](#)
- [Approx. Duration of Detectability of Commonly Used Substances and Some of Their Metabolites in Urine -- Section 3 Chapter 2 Table 3 \(pg 342\)](#)
- [Invalid Urine Specimens -- Section 9 Chapter 3 Table 1 \(pg 997\)](#)

## **Y. Confidentiality / Legal**

- [Felix Lopez Esquire C Chpt 1 Overview of Federal Alcohol and Other Drug Confidentiality Law and Regulations Sample Forms 1-6 In Technical Assistance Publication Series 13 CSAT](#)
- [Ethical Issues in Addiction Practice](#)

## **Z. Epidemiology / National Studies**

- [National Survey on Drug Use and Health NSDUH \(2003\)](#)
- [Monitoring the Future Survey](#)

## **AA. Statistics**

- [Statistics includes sample questions \(Excerpt from MedStudy Internal Medicine Review Core Curriculum 2005\)](#)