



THE BASICS, Second Edition

A Curriculum for Co-Occurring Psychiatric and Substance Disorders

TABLE OF CONTENTS

SUBJECT FOUR:

THE PHYSIOLOGICAL EFFECTS OF CO-OCCURRING PSYCHIATRIC AND SUBSTANCE DISORDERS ON PHYSICAL HEALTH

SEGMENT A: PREPARE PROFESSIONALS	4-I
GOAL FOR PROFESSIONALS	4-I
OBJECTIVES FOR PROFESSIONALS	4-I
METHODS UTILIZED BY PROFESSIONALS	4-II
SECTIONS OF SUBJECT FOUR	4-II
APPENDICES FOR SUBJECT FOUR	4-III
HANDOUTS AND GROUP CLOSURE	4-III
SEGMENT A: PREPARE GROUP	4-IV
BEGINNING	4-IV
INTRODUCTIONS	4-IV
OVERVIEW OF FORMAT & SUBJECT	4-IV
SEGMENT B: PRESENT SUBJECT MATERIAL	4-IV
TODAY'S SUBJECT AND WHY IT'S IMPORTANT	4-1
CHRONIC DISORDERS VERSUS ACUTE ILLNESSES	4-1
THE CONNECTION BETWEEN STRESS AND THE IMMUNE SYSTEM, SUBSTANCE DISORDERS, DEPRESSION, ANXIETY, AND ISOLATION	4-1
STRESS DEFINED	4-2
PRIMITIVE ANCESTORS AND STRESS	4-3
The "Fight-or-Flight" Response	4-3
STRESS AND MODERN LIFE	4-4
Stressors	4-4
Stress Reactions	4-4
"Good" or Short-Term Stress	4-5
"Bad" or Long-Term Stress	4-5
CO-OCCURRING DISORDERS AND STRESS	4-5
STRESS MANAGEMENT TECHNIQUES	4-6
Daily Plan For Stress Reduction	4-6
Stress Reduction Stretching Exercise	4-7
Daily Stress Management Skills: R-E-L-E-A-S-E	4-7
THE IMMUNE SYSTEM, STRESS, AND PHYSICAL HEALTH	4-8
A HEALTHY IMMUNE SYSTEM	4-8
Components of the Immune System	4-9
The Immune System in Action	4-9
AN UNHEALTHY IMMUNE SYSTEM	4-9
THE EFFECTS OF CHRONIC STRESS ON PHYSICAL HEALTH	4-10
Physical Signs and Illnesses Associated With Stress	4-10
A Weakened Immune System and Illness	4-10
SEXUALLY TRANSMITTED DISEASES (STDs)	4-11
TRANSMISSION OF A SEXUALLY TRANSMITTED DISEASE	4-11
TYPES OF SEXUALLY TRANSMITTED DISEASES	4-11
Viral STDs	4-11
Bacterial STDs	4-11

THE RISKS OF NOT SEEKING TREATMENT	4-11
THE BENEFITS OF SEEKING TREATMENT FOR STDs	4-12
CHECKING OUT CONCERNS IS WORTH IT!	4-12
HUMAN IMMUNODEFICIENCY VIRUS (HIV)/ACQUIRED IMMUNE DEFICIENCY SYNDROME (AIDS)	4-13
HUMAN IMMUNODEFICIENCY VIRUS (HIV) DEFINED	4-13
ACQUIRED IMMUNE DEFICIENCY SYNDROME (AIDS) DEFINED	4-13
TRANSMISSION OF THE HIV/AIDS VIRUS	4-13
THE BENEFITS OF SEEKING TREATMENT FOR HIV/AIDS	4-14
Testing and Treatment For HIV/AIDS	4-14
HEPATITIS	4-15
SYMPTOMS OF HEPATITIS	4-15
HEPATITIS A VIRUS	4-15
Transmission of Hepatitis A Virus	4-15
Prevention and Treatment of The Hepatitis A Virus	4-16
Good Hand Washing Techniques	4-16
HEPATITIS B VIRUS.....	4-17
Transmission of Hepatitis B Virus	4-17
Prevention and Treatment of The Hepatitis B Virus	4-17
HEPATITIS C VIRUS	4-18
Transmission of Hepatitis C Virus	4-18
Treatment of Hepatitis C Virus	4-18
TESTING FOR HEPATITIS A, B, AND C VIRUS	4-18
HEPATITIS CAN BE PREVENTED	4-19
THE IMPORTANCE OF SEEKING TREATMENT FOR HEPATITIS A, B, OR C	4-20
TUBERCULOSIS (TB)	4-20
TUBERCULOSIS INFECTION	4-20
The Spreading of Tuberculosis Infection	4-20
TUBERCULOSIS DISEASE	4-21
How Tuberculosis Develops Into A Disease	4-21
CASES OF TUBERCULOSIS ARE ON THE RISE	4-21
THE BENEFITS OF TREATMENT AND TESTING FOR TUBERCULOSIS	4-22
Treatment For Tuberculosis Disease	4-22
CONTRIBUTORS TO AN UNHEALTHY IMMUNE SYSTEM	4-23
UNMANAGED STRESS AND THE IMMUNE SYSTEM	4-23
SUBSTANCE ABUSE AND THE IMMUNE SYSTEM	4-23
DEPRESSION, ANXIETY, ISOLATION, AND THE IMMUNE SYSTEM	4-23
ANGER AND THE IMMUNE SYSTEM	4-24
Externalized Anger Affects Physical Health	4-24
Harmful Hostility	4-26
Suppressed Anger Also Affects Physical Health	4-26
Anger Management	4-27
STRENGTHENING THE IMMUNE SYSTEM	4-27
THE TRIO OF NUTRITION, EXERCISE, AND RELAXATION	4-27
Eat Nutritious Foods	4-27
Exercise Regularly	4-27
Practice Relaxation Techniques	4-28
SUBSTANCE DISORDERS, THE IMMUNE SYSTEM, STRESS, AND PHYSICAL HEALTH	4-28
EFFECTS OF SUBSTANCE DISORDERS ON PHYSICAL HEALTH	4-29
Three Progressive Stages of Physical Effects	4-29

Medical Problems Come in Various Forms	4-29
EFFECTS OF ALCOHOL AND DRUGS ON WOMEN	4-30
EFFECTS OF ALCOHOL AND DRUGS ON SENIORS	4-31
CRAVINGS TO USE ALCOHOL AND DRUGS	4-31
Denying a Craving Is a Mistake.....	4-31
CRAVINGS ARE THE RESULT OF BRAIN CHEMISTRY.....	4-32
CONDITIONED RESPONSE LEADS TO A CRAVING	4-32
Physical Response To a Craving or Urge To Use	4-33
Taking Responsibility For The Response To The Craving	4-33
MANAGING CRAVINGS IS A HEALTHY CHOICE	4-34
Managing Cravings With The Three D's	4-34
“Distracting” Takes The Power Out of a Craving	4-35
Refusal Skills	4-35
URGES TO USE AND THE INTENSITY OF CRAVINGS LESSEN OVER TIME	4-35
ALCOHOL AND OTHER DRUGS AFFECT BEHAVIORS	4-36
HIGH RISK BEHAVIORS ASSOCIATED WITH SUBSTANCE ABUSE DISORDERS.....	4-36
REDUCING THE RISKY BEHAVIORS OF SUBSTANCE DISORDERS	4-37
Develop a Plan For Protection – When Sober	4-37
REDUCING RISKS – SAFE SEX PRACTICES AND RESISTING PRESSURE	4-38
Safe Sexual Activity	4-38
Using a Condom	4-38
Reducing Risk With Sexual Partners	4-39
Resisting Pressure From Others	4-39
Ways to Resist Pressure For Sex	4-39
DEPRESSION, THE IMMUNE SYSTEM, STRESS, AND PHYSICAL HEALTH	4-41
PSYCHOSOMATIC ILLNESSES	4-41
THE LINK BETWEEN DEPRESSION AND STRESS	4-42
Effects of Depression on The Immune System and Physical Health	4-42
PHYSICAL SYMPTOMS OF DEPRESSION	4-43
TREATMENT OF DEPRESSION INCLUDES STRESS MANAGEMENT	4-44
ANXIETY, THE IMMUNE SYSTEM, STRESS, AND PHYSICAL HEALTH	4-44
EFFECTS OF ANXIETY ON THE IMMUNE SYSTEM AND PHYSICAL HEALTH	4-45
PHYSICAL SYMPTOMS OF ANXIETY	4-45
TREATMENT OF ANXIETY INCLUDES STRESS MANAGEMENT	4-45
ISOLATION, THE IMMUNE SYSTEM, STRESS, AND PHYSICAL HEALTH	4-46
EFFECTS OF ISOLATION ON THE IMMUNE SYSTEM AND PHYSICAL HEALTH	4-46
BENEFITS OF A SOCIAL SUPPORT SYSTEM TO PHYSICAL HEALTH	4-47
Benefits of Support Groups to Physical Health	4-48
THE BENEFITS OF EXPRESSING EMOTIONS	4-48
THE BENEFITS OF LAUGHTER ON THE IMMUNE SYSTEM AND PHYSICAL HEALTH	4-49
MEDICATION ISSUES IN DUAL DIAGNOSES	4-50
THE PLANNED EFFECTS OF MEDICATION	4-50
HOW MEDICATIONS WORK	4-50
Classes of Medications	4-51
Medication and Psychology Combined	4-51
Avoiding Addictive Medications	4-52
THE DIFFERENCE BETWEEN PSYCHIATRIC MEDICATIONS AND “DRUGS”	4-52
Frequent Concerns or Questions	4-53
COPING WITH SIDE EFFECTS	4-54

MIXING MEDICATIONS WITH ALCOHOL AND OTHER “DRUGS”	4-55
RELUCTANCE ABOUT TAKING MEDICATIONS	4-57
Distrust of Psychiatrists	4-58
Wanting to Be Like Others	4-59
THE DIFFERENCE BETWEEN DOC’S AND DEALERS	4-59
HOW TO TAKE MEDICATIONS	4-60
Remembering to Take Medications By Developing a Plan	4-60
Safe Medication Practices	4-61
Basics About Storing Medications	4-62
WHAT TO TELL OR ASK YOUR DOCTOR	4-62
BE PATIENT – IT TAKES TIME FOR MEDICATIONS TO WORK	4-63
Be Realistic With Expectations	4-64
Don’t Give Up	4-64
TWELVE STEP PROGRAMS AND MEDICATIONS	4-65
SEGMENT C: PRACTICE HANDOUTS AND GROUP CLOSURE.....	4-66
GROUP CLOSURE	4-68
TREATMENT AND RECOVERY	4-68
HOPE FOR RECOVERY	4-69
THE GIFT OF TIME	4-69

APPENDICES SECTION FOR SUBJECT FOUR

APPENDIX IVA: DRUG CATEGORIES SECTIONS, The Effects of Alcohol and Other Drugs on Physical Health

APPENDIX IVB: DRUG CATEGORIES SECTIONS, Effects of Alcohol and Drugs on Fertility, Pregnancy, Delivery, and Prenatal Effects on Infants Through Their Adulthood

HANDOUT SECTION FOR SUBJECT FOUR

- #1: Physical Complications of Alcohol Abuse or Dependence (Worksheet)
- #2: Physical Health *Personal Risk Assessment* (Worksheet, page 1 & 2)
- #3: Stress Management “Survival Plan” (Worksheet)
- #4: Looking For Some Serenity? Try Putting the *Serenity Prayer* Into Your Day! (Worksheet)
- #5: “Which Place?” (Inspirational)

BIBLIOGRAPHY SECTION FOR SUBJECT FOUR
