

Brief Contents

Chapter 1 Taking Charge of Your Health	1	Chapter 11 Weight Management	253
Chapter 2 Stress: The Constant Challenge	23	Chapter 12 Cardiovascular Disease and Cancer	277
Chapter 3 Psychological Health	45	Chapter 13 Immunity and Infection	314
Chapter 4 Intimate Relationships and Communication	66	Chapter 14 The Challenge of Aging	347
Chapter 5 Sexuality, Pregnancy, and Childbirth	85	Chapter 15 Conventional and Complementary Medicine: Skills for the Health Care Consumer	370
Chapter 6 Contraception and Abortion	114	Chapter 16 Personal Safety: Protecting Yourself from Unintentional Injuries and Violence	393
Chapter 7 The Use and Abuse of Psychoactive Drugs	140	Chapter 17 Environmental Health	417
Chapter 8 Alcohol and Tobacco	164	Appendix Nutritional Content of Popular Items from Fast- Food Restaurants	A-1
Chapter 9 Nutrition Basics	194	Index	I-1
Chapter 10 Exercise for Health and Fitness	231	Study Guide	I-15

Contents

1 Taking Charge of Your Health 1

WELLNESS: THE NEW HEALTH GOAL 1

- The Dimensions of Wellness 1
- New Opportunities, New Responsibilities 2
- The Healthy People Initiative 4
- Health Issues for Diverse Populations 5

CHOOSING WELLNESS 10

- Factors That Influence Wellness 10
- A Wellness Profile 11

HOW DO YOU REACH WELLNESS? 12

- Getting Serious About Your Health 13
- Building Motivation for Change 13
- Enhancing Your Readiness to Change 16
- Developing Skills for Change: Creating a Personalized Plan 16
- Putting Your Plan into Action 19
- Staying with It 19

BEING HEALTHY FOR LIFE 19

- Tips for Today* 20
- Summary* 20
- Take Action* 21
- For More Information* 21
- Selected Bibliography* 22

2 Stress: The Constant Challenge 23

WHAT IS STRESS? 24

- Physical Responses to Stressors 24
- Emotional and Behavioral Responses to Stressors 26

STRESS AND DISEASE 28

- The General Adaptation Syndrome 28
- Allostatic Load 29
- Psychoneuroimmunology 29
- Links Between Stress and Specific Conditions 30

COMMON SOURCES OF STRESS 31

- Major Life Changes 31
- Daily Hassles 31

- College Stressors 32
- Job-Related Stressors 33
- Social Stressors 33

TECHNIQUES FOR MANAGING STRESS 32

- Social Support and Communication 34
- Exercise 34
- Nutrition 35
- Sleep 35
- Time Management 36
- Strive for Greater Spirituality 37
- Confide in Yourself Through Writing 37
- Cognitive Techniques 37
- Relaxation Techniques 38
- Counterproductive Coping Strategies 40

CREATING A PERSONAL PLAN FOR MANAGING STRESS 41

- Identifying Stressors 41
- Designing Your Plan 41
- Getting Help 42
- Tips for Today* 42
- Summary* 42
- Behavior Change Strategy: Dealing with Test Anxiety* 43
- Take Action* 43
- For More Information* 43
- Selected Bibliography* 44

3 Psychological Health 45

WHAT PSYCHOLOGICAL HEALTH IS NOT 45

DEFINING PSYCHOLOGICAL HEALTH 46

- Realism 46
- Acceptance 46
- Autonomy 47
- A Capacity for Intimacy 47
- Creativity 47

MEETING LIFE'S CHALLENGES 47

- Growing Up Psychologically 47
- Achieving Healthy Self-Esteem 48
- Being Less Defensive 49
- Being Optimistic 50
- Maintaining Honest Communication 51

Dealing with Loneliness	51	Single Parents	81
Dealing with Anger	51	Stepfamilies	82
PSYCHOLOGICAL DISORDERS	52	Successful Families	82
Anxiety Disorders	52	<i>Tips for Today</i>	82
Mood Disorders	55	<i>Summary</i>	82
Schizophrenia	58	<i>Take Action</i>	83
GETTING HELP	60	<i>For More Information</i>	83
Self-Help	60	<i>Selected Bibliography</i>	84
Peer Counseling and Support Groups	60	5 Sexuality, Pregnancy, and Childbirth	85
Professional Help	61	SEXUAL ANATOMY	85
<i>Tips for Today</i>	62	Female Sex Organs	86
<i>Summary</i>	63	Male Sex Organs	86
<i>Behavior Change Strategy: Dealing with Social Anxiety</i>	63	HORMONES AND THE REPRODUCTIVE LIFE CYCLE	87
<i>Take Action</i>	64	Female Sexual Maturation	88
<i>For More Information</i>	64	Male Sexual Maturation	91
<i>Selected Bibliography</i>	65	Aging and Human Sexuality	91
4 Intimate Relationships and Communication	66	SEXUAL FUNCTIONING	91
DEVELOPING INTIMATE RELATIONSHIPS	66	Sexual Stimulation	91
Self-Concept and Self-Esteem	66	The Sexual Response Cycle	92
Friendship	67	Sexual Problems	92
Love, Sex, and Intimacy	68	SEXUAL BEHAVIOR	94
Challenges in Relationships	69	Sexual Orientation	94
Successful Relationships	70	Varieties of Human Sexual Behavior	94
Unhealthy Relationships	70	Atypical and Problematic Sexual Behaviors	95
Ending a Relationship	71	Commercial Sex	95
COMMUNICATION	71	Responsible Sexual Behavior	96
Nonverbal Communication	71	UNDERSTANDING FERTILITY	97
Communication Skills	71	Conception	97
Gender and Communication	71	Infertility	98
Conflict and Conflict Resolution	72	PREGNANCY	99
PAIRING AND SINGLEHOOD	74	Pregnancy Tests	100
Choosing a Partner	74	Changes in the Woman's Body	100
Dating	75	Fetal Development	101
Living Together	75	The Important of Prenatal Care	103
Same-Sex Partnerships	75	Complications of Pregnancy and Pregnancy Loss	107
Singlehood	76	CHILDBIRTH	108
MARRIAGE	78	Choices in Childbirth	108
Benefits of Marriage	78	Labor and Delivery	108
Issues in Marriage	78	The Postpartum Period	110
The Role of Commitment	78	<i>Tips for Today</i>	111
Separation and Divorce	79	<i>Summary</i>	111
FAMILY LIFE	79	<i>Take Action</i>	112
Deciding to Become a Parent	79	<i>For More Information</i>	112
Becoming a Parent	80	<i>Selected Bibliography</i>	113
Parenting	80		

6 Contraception and Abortion 114

PRINCIPLES OF CONTRACEPTION 114

REVERSIBLE CONTRACEPTION 115

- Oral Contraceptives: The Pill 115
- Contraceptive Skin Patch 116
- Vaginal Contraceptive Ring 117
- Contraceptive Implants 117
- Injectable Contraceptives 118
- Emergency Contraception 118
- The Intrauterine Device (IUD) 119
- Male Condoms 119
- Female Condoms 122
- The Diaphragm with Spermicide 123
- Lea's Shield 124
- The Cervical Cap 124
- The Contraceptive Sponge 124
- Vaginal Spermicides 125
- Abstinence, Fertility Awareness, and Withdrawal 125
- Combining Methods 127

PERMANENT CONTRACEPTION:

STERILIZATION 127

- Male Sterilization: Vasectomy 128
- Female Sterilization 128

WHICH CONTRACEPTIVE METHOD IS RIGHT FOR YOU? 129

THE ABORTION ISSUE 131

- The History of Abortion in the United States 131
- Current Legal Status 131
- Moral Considerations 133
- Public Opinion 133
- Personal Considerations 133
- Current Trends 134
- Methods of Abortion 135
- Complications of Abortion 136
- Tips for Today* 137
- Summary* 137
- Take Action* 138
- For More Information* 138
- Selected Bibliography* 139

7 The Use and Abuse of Psychoactive Drugs 140

ADDICTIVE BEHAVIOR 140

- What Is Addiction? 141
- Characteristics of Addictive Behavior 141
- The Development of Addiction 142
- Characteristics of People with Addictions 142
- Examples of Addictive Behaviors 142

DRUG USE, ABUSE, AND DEPENDENCE 143

- Drug Use and Dependence 143
- Who Uses Drugs? 144
- Why Do People Use Drugs? 146
- Risk Factors for Dependence 147
- Other Risks of Drug Use 147

HOW DRUGS AFFECT THE BODY 147

- Changes in Brain Chemistry 147
- Drug Factors 148
- User Factors 148
- Social Factors 148

REPRESENTATIVE PSYCHOACTIVE DRUGS 149

- Opioids 149
- Central Nervous System Depressants 149
- Central Nervous System Stimulants 152
- Marijuana and Other Cannabis Products 154
- Hallucinogens 155
- Inhalants 156

DRUG USE: THE DECADES AHEAD 156

- Drugs, Society, and Families 157
- Legalizing Drugs 158
- Drug Testing 158
- Treatment for Drug Dependence 158
- Preventing Drug Abuse 160
- The Role of Drugs in Your Life 160
- Tips for Today* 161
- Summary* 161
- Take Action* 161
- Behavior Change Strategy: Changing Your Drug Habits* 162
- For More Information* 162
- Selected Bibliography* 163

8 Alcohol and Tobacco 164

THE NATURE OF ALCOHOL 164

- The Chemistry of Alcohol 164
- Absorption 165
- Metabolism and Excretion 165
- Alcohol Intake and Blood Alcohol Concentration 166

ALCOHOL AND HEALTH 167

- The Immediate Effects of Alcohol 167
- Drinking and Driving 169
- The Effects of Chronic Use 170
- The Effects of Alcohol Use During Pregnancy 171
- Possible Health Benefits of Alcohol 171

ALCOHOL ABUSE AND DEPENDENCE 172

- Alcohol Abuse 172
- Binge Drinking 172
- Alcoholism 173
- Gender and Ethnic Differences 175
- Helping Someone with an Alcohol Problem 177

WHY PEOPLE USE TOBACCO 177

- Nicotine Addiction 177
- Social and Psychological Factors 179
- Why Start in the First Place? 179
- Who Uses Tobacco? 179

HEALTH HAZARDS 180

- Tobacco Smoke: A Toxic Mix 180
- The Immediate Effects of Smoking 181
- The Long-Term Effects of Smoking 181
- Other Forms of Tobacco Use 184

THE EFFECTS OF SMOKING ON THE NONSMOKER 185

- Environmental Tobacco Smoke 185
- Smoking and Pregnancy 187
- The Cost of Tobacco Use to Society 187

WHAT CAN BE DONE? 187

- Action at Many Levels 187
- What You Can Do 188

HOW A TOBACCO USER CAN QUIT 188

- The Benefits of Quitting 188
- Options for Quitting 189
- Tips for Today* 190
- Summary* 190
- Behavior Change Strategy: Kicking the Tobacco Habit* 191
- Take Action* 192
- For More Information* 192
- Selected Bibliography* 193

9 Nutrition Basics 194

NUTRITIONAL REQUIREMENTS: COMPONENTS OF A HEALTHY DIET 194

- Proteins—The Basis of Body Structure 195
- Fats—Essential in Small Amounts 196
- Carbohydrates—An Ideal Source of Energy 199
- Fiber—A Closer Look 201
- Vitamins—Organic Micronutrients 202
- Minerals—Inorganic Micronutrients 204
- Water—Vital but Often Ignored 204
- Other Substances in Food 204

NUTRITIONAL GUIDELINES: PLANNING YOUR DIET 206

- Dietary Reference Intakes (DRIs) 206
- Dietary Guidelines for Americans 208
- USDA's MyPyramid 212
- The Vegetarian Alternative 217
- Dietary Challenges for Special Population Groups 218

A PERSONAL PLAN: MAKING INFORMED CHOICES ABOUT FOOD 220

- Reading Food Labels 220
- Reading Dietary Supplement Labels 220
- Organic Foods 223
- Additives in Food 223
- Food Irradiation 223
- Genetically Modified Foods 223
- Food Allergies and Food Intolerances 224
- Tips for Today* 224
- Summary* 224
- Behavior Change Strategy: Improving Your Diet by Choosing Healthy Beverages* 225
- Take Action* 226
- For More Information* 226
- Selected Bibliography* 227
- Nutrition Resources* 228

10 Exercise for Health and Fitness 231

WHAT IS PHYSICAL FITNESS? 232

- Cardiorespiratory Endurance 232
- Muscular Strength 232
- Muscular Endurance 232
- Flexibility 232
- Body Composition 233

THE BENEFITS OF EXERCISE 233

- Improved Cardiorespiratory Functioning 234
- More Efficient Metabolism 234
- Improved Body Composition 234
- Disease Prevention and Management 234
- Improved Psychological and Emotional Wellness 234
- Improved Immune Function 235
- Prevention of Injuries and Low-Back Pain 235
- Improved Wellness over the Life Span 235

DESIGNING YOUR EXERCISE PROGRAM 237

- Physical Activity and Exercise for Health and Fitness 237
- First Steps 240
- Cardiorespiratory Endurance Exercises 241
- Developing Muscular Strength and Endurance 242

Flexibility Exercises	244
Training in Specific Skills	245
Putting It All Together	245
GETTING STARTED AND STAYING ON TRACK	246
Selecting Instructors, Equipment, and Facilities	246
Eating and Drinking for Exercise	246
Managing Your Fitness Program	248
<i>Tips for Today</i>	250
<i>Summary</i>	250
<i>Take Action</i>	250
<i>Behavior Change Strategy: Planning a Personal Exercise Program</i>	251
<i>For More Information</i>	251
<i>Selected Bibliography</i>	252

11 Weight Management 253

BASIC CONCEPTS OF WEIGHT MANAGEMENT	253
Body Composition	254
Energy Balance	255
Evaluating Body Weight and Body Composition	255
Excess Body Fat and Wellness	256
What Is the Right Weight for You?	258
FACTORS CONTRIBUTING TO EXCESS BODY FAT	260
Genetic Factors	260
Metabolism	260
Lifestyle Factors	260
Psychosocial Factors	261
ADOPTING A HEALTHY LIFESTYLE FOR SUCCESSFUL WEIGHT MANAGEMENT	262
Diet and Eating Habits	262
Physical Activity and Exercise	263
Thinking and Emotions	264
Coping Strategies	264
APPROACHES TO OVERCOMING A WEIGHT PROGRAM	265
Doing It Yourself	265
Diet Books	265
Dietary Supplements and Diet Aids	265
Weight-Loss Programs	268
Prescription Drugs	268
Surgery	269
BODY IMAGE	269
Severe Body Image Problems	269
Acceptance and Change	270

EATING DISORDERS	271
Anorexia Nervosa	271
Bulimia Nervosa	271
Binge-Eating Disorder	272
Borderline Disordered Eating	272
Treating Eating Disorders	272
Today's Challenge	273
<i>Tips for Today</i>	273
<i>Summary</i>	274
<i>Take Action</i>	274
<i>For More Information</i>	274
<i>Behavior Change Strategy: A Weight-Management Program</i>	275
<i>Selected Bibliography</i>	276

12 Cardiovascular Disease and Cancer 277

THE CARDIOVASCULAR SYSTEM	277
RISKS FACTORS FOR CARDIOVASCULAR DISEASE	278
Major Risk Factors That Can Be Changed	278
Contributing Risk Factors That Can Be Changed	282
Major Risk Factors That Can't Be Changed	283
Possible Risk Factors Currently Being Studied	284
MAJOR FORMS OF CARDIOVASCULAR DISEASE	286
Atherosclerosis	286
Heart Disease and Heart Attack	287
Stroke	289
Congestive Heart Failure	291
Other Forms of Heart Disease	291
PROTECTING YOURSELF AGAINST CARDIOVASCULAR DISEASE	292
Eat Heart-Healthy	292
Exercise Regularly	293
Avoid Tobacco	293
Know and Manage Your Blood Pressure	294
Know and Manage Your Cholesterol Levels	294
Develop Effective Ways to Handle Stress and Anger	294
Manage Other Risk Factors and Medical Conditions	294
WHAT IS CANCER?	294
Benign Versus Malignant Tumors	294
How Cancer Spreads: Metastasis	295
Types of Cancer	295
The Incidence of Cancer	296

COMMON CANCERS	296	GIVING YOURSELF A FIGHTING CHANCE: HOW TO SUPPORT YOUR IMMUNE SYSTEM	328
Lung Cancer	296	SEXUALLY TRANSMITTED DISEASES	328
Colon and Rectal Cancer	297	HIV Infection and AIDS	328
Breast Cancer	297	Chlamydia	336
Prostate Cancer	299	Gonorrhea	337
Cancers of the Female Reproductive Tract	300	Pelvic Inflammatory Disease	337
Skin Cancer	301	Human Papillomavirus Infection	338
Oral Cancer	303	Genital Herpes	339
Testicular Cancer	303	Hepatitis B	340
THE CAUSES OF CANCER	303	Syphilis	341
The Role of DNA	303	OTHER STDS	341
Dietary Factors	305	WHAT YOU CAN DO	342
Inactivity and Obesity	306	Education	342
Microbes	306	Diagnosis and Treatment	342
Carcinogens in the Environment	306	Prevention	343
DETECTING, DIAGNOSING, AND TREATING CANCER	308	<i>Tips for Today</i>	343
Detecting Cancer	308	<i>Summary</i>	344
Diagnosing and Treating Cancer	308	<i>Take Action</i>	345
PREVENTING CANCER	309	<i>For More Information</i>	345
<i>Tips for Today</i>	310	<i>Selected Bibliography</i>	346
<i>Summary</i>	310	14 The Challenge of Aging	347
<i>Behavior Change Strategy: Modifying Your Diet for Heart Health and Cancer Prevention</i>	311	GENERATING VITALITY AS YOU AGE	347
<i>Take Action</i>	312	What Happens as You Age?	348
<i>For More Information</i>	312	Life-Enhancing Measures:	
<i>Selected Bibliography</i>	313	Age-Proofing	348
13 Immunity and Infection	314	CONFRONTING THE CHANGES OF AGING	350
THE CHAIN OF INFECTION	314	Planning for Social Changes	350
THE BODY'S DEFENSE SYSTEM	315	Adapting to Physical Changes	351
Physical and Chemical Barriers	315	Handling Psychological and Mental Changes	353
The Immune System	315	LIFE IN AN AGING AMERICA	355
Immunization	318	America's Aging Minority	356
Allergy: The Body's Defense System Gone Haywire	318	Family and Community Resources for Older Adults	356
THE TROUBLEMAKERS: PATHOGENS AND DISEASE	319	Government Aid and Policies	357
Bacteria	320	WHAT IS DEATH?	357
Viruses	323	Defining Death	357
Fungi	326	Learning About Death	358
Protozoa	326	Denying Versus Welcoming Death	358
Parasitic Worms	326	PLANNING FOR DEATH	358
Prions	326	Making a Will	359
Emerging Infectious Diseases	326	Considering Options for End-of-Life Care	359
Other Immune Disorders: Cancer and Autoimmune Diseases	328	Deciding to Prolong Life or Hasten Death	360
		Completing an Advance Directive	362
		Becoming an Organ Donor	362
		Planning a Funeral or Memorial Service	362

COPING WITH DYING	364		
The Tasks of Coping	364		
Supporting a Dying Person	364		
COPING WITH LOSS	364		
Experiencing Grief	364		
Supporting a Grieving Person	366		
COMING TO TERMS WITH DEATH	366		
<i>Tips for Today</i>	367		
<i>Summary</i>	367		
<i>Take Action</i>	367		
<i>For More Information</i>	368		
<i>Selected Bibliography</i>	369		
15 Conventional and Complementary Medicine: Skills for the Health Care Consumer	370		
SELF-CARE: MANAGING MEDICAL PROBLEMS	370		
Self-Assessment	370		
Decision Making: Knowing When to See a Physician	371		
Self-Treatment: Many Options	371		
PROFESSIONAL MEDICAL AND HEALTH CARE: CHOICES AND CHANGE	373		
CONVENTIONAL MEDICINE	373		
Premises and Assumptions of Conventional Medicine	373		
The Providers of Conventional Medicine	375		
Choosing a Primary Care Physician	375		
Getting the Most Out of Your Medical Care	377		
COMPLEMENTARY AND ALTERNATIVE MEDICINE	380		
Alternative Medical Systems	380		
Mind-Body Interventions	383		
Biological-Based Therapies	383		
Manipulative and Body-Based Methods	383		
Energy Therapies	385		
Evaluating Complementary and Alternative Therapies	386		
PAYING FOR HEALTH CARE	388		
Health Insurance	388		
Choosing a Policy	390		
<i>Tips for Today</i>	390		
<i>Summary</i>	390		
<i>Take Action</i>	391		
<i>For More Information</i>	391		
<i>Selected Bibliography</i>	392		
16 Personal Safety: Protecting Yourself from Unintentional Injuries and Violence	393		
UNINTENTIONAL INJURIES	394		
Motor Vehicle Injuries	395		
Home Injuries	398		
Leisure Injuries	400		
Work Injuries	400		
VIOLENCE AND INTENTIONAL INJURIES	401		
Factors Contributing to Violence	401		
Assault	403		
Homicide	404		
Gang-Related Violence	404		
Hate Crimes	404		
School Violence	404		
Workplace Violence	405		
Terrorism	405		
Family and Intimate Violence	405		
Sexual Violence	409		
What You Can Do About Violence	412		
PROVIDING EMERGENCY CARE	412		
<i>Tips for Today</i>	414		
<i>Summary</i>	414		
<i>Take Action</i>	414		
<i>Behavior Change Strategy: Adopting Safer Habits</i>	415		
<i>For More Information</i>	415		
<i>Selected Bibliography</i>	416		
17 Environmental Health	417		
CLASSIC ENVIRONMENTAL HEALTH CONCERNS	417		
Clean Water	418		
Waste Disposal	419		
Food Inspection	421		
Insect and Rodent Control	421		
POPULATION GROWTH	421		
POLLUTION	422		
Air Pollution	422		
Chemical Pollution	427		
Radiation	429		
Noise Pollution	430		
HEALING THE ENVIRONMENT	430		
<i>Tips for Today</i>	431		
<i>Summary</i>	431		
<i>Take Action</i>	432		
<i>For More Information</i>	432		
<i>Selected Bibliography</i>	433		

Nutritional Content of Popular Items from Fast Food Restaurants A-1

Index I-1

Study Guide I-15

BOXES



In the News

- Personalized Medicine: Beyond the Human Genome Project 12
- Coping After Terrorism or Natural Disasters 35
- Antidepressant Use in Young People 59
- Same-Sex Marriage and Civil Unions 77
- Reproductive Technology 99
- Timeline of Selected Key Abortion Decisions and Legislation 132
- The Meth Epidemic 155
- College Binge Drinking 174
- America's Poor Eating Habits 209
- Drugs and Supplements for Improved Athletic Performance 245
- The Growing American Waistline 254
- Cancer Myths and Misperceptions 307
- The Next Influenza Pandemic—When, Not If? 324
- Stem Cells 348
- Prescription Drug Use and Regulation: Lessons from Vioxx 379
- Emergency Preparedness 407
- Global Warming, Local Action 425



Mind/Body/Spirit

- Ten Warning Signs of Wellness 3
- Stress and Your Brain 30
- Healthy Connections 36
- Paths to Spiritual Wellness 49
- Are Intimate Relationships Good for Your Health? 79
- Sexual Decision Making 94
- Spirituality and Drug Abuse 146
- Tobacco Use and Religion: Global Views 178
- Exercise and the Mind 235
- Exercise, Body Image, and Self-Esteem 264
- Anger, Hostility, and Heart Disease 283
- Immunity and Stress 329
- Help Yourself by Helping Others 352
- In Search of a Good Death 360
- The Power of Belief: The Placebo Effect 382
- Nature and the Human Spirit 418



Dimensions of Diversity

- Factors Contributing to Health Disparities Among Ethnic Minorities 9
- Diverse Populations, Discrimination, and Stress 34
- Ethnicity, Culture, and Psychological Disorders 53
- Interfaith and Intrafaith Partnerships 74
- Ethnicity and Genetic Diseases 104
- Contraceptive Use Among American Women 130
- Drug Use and Ethnicity: Risk and Protective Factors 157
- Metabolizing Alcohol: Our Bodies Work Differently 166
- Exercise for People with Disabilities and Other Special Health Concerns 236

- Overweight and Obesity Among U.S. Ethnic Populations 261
- Ethnicity and CVD 285
- HIV Infection Around the World 330
- Día de los Muertos: The Day of the Dead 359
- Who Are the Uninsured? 389
- Violence and Health: A Global View 406
- Poverty and Environmental Health 428



Gender Matters

- Women's Health/Men's Health 7
- Women, Men, and Stress 28
- Depression, Anxiety, and Gender 57
- Gender and Communication 73
- Pregnancy Tasks for Fathers 102
- Men's Involvement in Contraception 122
- Gender Differences in Drug Use and Abuse 145
- Gender and Tobacco Use 184
- How Different Are the Nutritional Needs of Women and Men? 218
- Gender Differences in Muscular Strength 243
- Gender, Ethnicity, and Body Image 270
- Women and CVD 284
- Women Are Hit Hard by STDs 339
- Why Do Women Live Longer? 355
- Injuries Among Young Men 394
- Gender and Environmental Health 429



Critical Consumer

- Evaluating Sources of Health Information 14
- Alternative Remedies for Depression 60
- Choosing and Evaluating Mental Health Professionals 62
- Dietary Supplements and PMS 90
- Buying and Using Over-the-Counter Contraceptives 121
- Smoking Cessation Products 189
- Using Food Labels 221
- Using Dietary Supplement Labels 222
- Choosing Exercise Footwear 247
- Evaluating Fat and Sugar Substitutes 263
- Is Any Diet Best for Weight Loss? 267
- Choosing and Using Sunscreens and Sun-Protective Clothing 302
- Preventing and Treating the Common Cold 323
- Tattoos and Body Piercing 325
- Getting an HIV Test 334
- Evaluating Health News 376
- Avoiding Health Fraud and Quackery 387
- Choosing a Bicycle Helmet 398
- How to Be a Green Consumer 420



Take Charge

- Motivation Boosters 20
- Meditation and the Relaxation Response 39
- Breathing for Relaxation 40
- Realistic Self-Talk 50
- Being a Good Friend 68
- Strategies for Enhancing Support in Relationships 70
- Guidelines for Effective Communication 72
- Online Relationships 76
- Communicating About Sexuality 96
- Talking with a Partner About Contraception 131
- If Someone You Know Has a Drug Problem 159
- Dealing with an Alcohol Emergency 168
- Drinking Behavior and Responsibility 176
- Building Motivation to Quit Smoking 180

Setting Intake Goals for Protein, Fat, and Carbohydrate 199
 Choosing More Whole-Grain Foods 201
 Eating for Healthy Bones 206
 Reducing the Saturated and Trans Fat in Your Diet 212
 Food Safety 213
 Judging Portion Sizes 216
 Eating Strategies for College Students 219
 Becoming More Active 238
 Determining Your Target Heart Rate Range 242
 Strategies for Successful Weight Management 266
 If Someone You Know Has an Eating Disorder 273
 What to Do in Case of a Heart Attack, Stroke, or Cardiac Arrest 289
 Breast Self-Examination 298
 Testicle Self-Examination 304
 Protecting Yourself Against Tickborne and Mosquitoborne Infections 322
 Preventing HIV Infection and Other STDs 366
 Talking About Condoms and Safer Sex 344
 Tasks for Survivors 363
 Coping with Grief 366
 Recognizing the Potential for Abusiveness in a Partner 408
 Preventing Date Rape 411
 Staying Safe on Campus 413
 Making Your Letters Count 431



In Focus

Headaches: A Common Symptom of Stress 31
 What Stresses Us Out? 32
 Shyness 54
 Myths About Suicide 58
 Do You Have Enough Friends? 67
 The Adoption Option 136
 Club Drugs 151
 Diabetes 259
 Alzheimer's Disease 354
 Herbal Remedies: Are They Safe? 385
 Cell Phones and Distracted Driving 396
 Carpal Tunnel Syndrome 402

TOPICS OF SPECIAL CONCERN TO WOMEN

Aging among women, 91, 349, 351–355
 Alcoholism, patterns among women, 175–177
 Alcohol metabolism in women, 166
 Alcohol use, special risks for women, 106, 169, 171
 Amenorrhea, 258
 Anxiety disorders, 52–55
 Arthritis, 352
 Body composition, 232, 233, 254–257
 Body image, negative, 257, 264, 269–271
 Breast cancer, 297–299, 309
 Breast self-examinations, 298, 309
 Cancer and women, 295, 297–299, 300–301, 309
 Cardiovascular disease, risk among women, 284
 Caregiving for older adults, 356–357
 Carpal tunnel syndrome, 402
 Causes of death among women, 4, 7, 287, 355, 394
 Cervical cancer, 184, 300, 309, 338–339
 Communication styles among women, 71–72, 73
 Contraception, female methods, 115–119, 121–127, 128–129
 Depression, risk among women, 52, 56, 57
 Dietary recommendations for women, 105, 199, 202, 207, 213, 216, 218, 228–230
 Drug use, rates and special risks for women, 145, 148, 152, 153, 154
 Eating disorders, 271–273
 Ectopic pregnancy, 107, 336

Environmental health risks, 105–106, 427–428, 429
 Family violence, 405–409
 Female athlete triad, 258
 Financial planning for retirement, 351
 Folic acid, 105, 203, 207, 228, 286, 293, 306
 Gender roles, 27, 67
 Health concerns and status, general, 6, 7
 Heart attack risk among women, 284, 287
 HIV infection rates and transmission, 331–332, 339
 Hormone replacement therapy, 91, 284, 297, 353
 Hormones, female, 87–91
 Infertility, female, 98–99
 Life expectancy of women, 7, 355
 Marital status, 78
 Menopause, 91, 284, 353
 Menstrual cycle, 88–91
 Migraine, 31
 Muscular strength, development of, 243
 Osteoporosis, 91, 184, 206, 234, 236, 353
 Ovarian cancer, 300–301
 Pap tests and pelvic exams, 116, 300, 309
 Parenting, single, by women, 81
 Pelvic inflammatory disease, 93, 337–338
 Post-traumatic stress disorder, 30, 35, 52, 54–55
 Poverty rates among older women, 351, 356
 Pregnancy and childbirth, 99–111
 Premenstrual syndrome and premenstrual dysphoric disorder, 89–91
 Psychological disorders among women, 52
 Rape, 409–411
 Sexual anatomy, female, 86
 Sexual health problems and dysfunctions, female, 92–94
 Sexual functioning, female, 91–92
 Sexual harassment, 412
 Sexually transmitted diseases and pregnancy, 106, 333, 337–342
 Sexually transmitted diseases, symptoms and special risks among women, 337–341
 Stalking and cyberstalking, 407–408
 Sterilization, female, 128–129
 Stressors and responses to stress among women, 27–28
 Tobacco use, rates and special risks among women, 179, 181, 184, 187
 Uterine cancer, 300, 309
 Violence against women, 403, 405–412

TOPICS OF SPECIAL CONCERN TO MEN

Aging among men, 91, 349, 351–355
 Alcohol abuse and dependence, patterns among men, 175–177
 Alcohol metabolism in men, 166
 Body composition, 232, 233, 254–257
 Body image, negative, 257, 269–271
 Cancer and men, 295, 299–300, 303, 309
 Cardiovascular disease risk among men, 283–284, 287
 Causes of death among men, 4, 7, 287, 355
 Cigars and pipes, 185
 Circumcision, 86–87
 Cluster headaches, 31
 Communication styles among men, 71–72, 73
 Contraception, male methods, 119–122, 126–128
 Dietary recommendations for men, 199, 202, 216, 218, 228–230
 Drug use, rates of, 145
 Environmental health risks, 429
 Family violence, 405–409
 Firearm-related injuries, 394, 400, 403, 406, 412
 Gambling, 142–143
 Gender roles, 27, 67
 Health concerns and status, general, 6, 7

Heart attack risk among men, 283–284, 287
 HIV infection rates and transmission, 331–332
 Homicide, rates among men, 394, 403, 404
 Hormones, male, 87–88, 91, 394
 Infertility, male, 98–99
 Injuries, rates of, 394
 Life expectancy of men, 355
 Marital status, 78
 Motorcycle and moped injuries, 397
 Motor vehicle injuries, 395–397
 Muscular strength, development of, 243
 Oral cancer, 184–185, 303, 305
 Parenting, single, by men, 81
 Poverty rates among older men, 356
 Pregnancy, men's roles, 102, 107
 Prostate cancer, 299–300, 305, 309
 Psychological disorders among men, 52, 57, 58–59
 Rape, 409–411
 Schizophrenia, 53, 58–59
 Sexual anatomy, male, 86–87
 Sexual health problems and dysfunctions, male, 93–94
 Sexual functioning, male, 91–92
 Sexual harassment, 412
 Sexually transmitted diseases, symptoms and special risks among men, 337–341
 Spit tobacco, 184–185, 303
 Stalking and cyberstalking, 407–408
 Sterilization, male, 128
 Stressors and responses to stress among men, 27–28
 Suicide, 56, 57, 354–355
 Testicular cancer, 93, 301, 303
 Testicular self-examination, 304
 Tobacco use, rates and special risks among men, 179, 181, 184–185
 Violent behavior among men, 403–405
 Violent deaths of men, 394–395

Note: The health issues and conditions listed here include those that disproportionately influence or affect women or men. For more information, see the Index under gender, women, men, and any of the special topics listed here.

DIVERSITY TOPICS RELATED TO ETHNICITY

Alcohol use and abuse patterns, 175–177
 Alcohol metabolism, 166
 Asthma, 319, 428

Body image, 269–271
 Cancer, rates and risk, 297, 299, 300, 301, 303
 Cardiovascular disease patterns and risks, 284, 285, 287
 Contraceptive use, patterns of, 130
 Cystic fibrosis, 104
 Death, attitudes toward, 358, 359
 Diabetes, 8, 257–259
 Dietary patterns and considerations, 211, 285, 293
 Discrimination and health, 9, 34, 285, 428
 Drug use, risk and protective factors, 157
 Environmental health, 427, 428
 Genetic disorders, 7, 8, 104
 Glaucoma, 351
 Hate crimes, 404
 Health disparities, general, 4–9
 Health insurance status, 8, 9, 389
 Health status and concerns, general, 8–9
 Heart disease, 284, 285
 Hemochromatosis, 104
 HIV/AIDS rates, 332
 Homicide rates, 402, 404
 Hypertension, 211, 236, 279–280, 285, 293
 Lactose intolerance, 104, 210, 224
 Lead poisoning, 427, 428
 Marketing, targeted, 179, 192
 Metabolic syndrome, 285–286
 Osteoporosis, 206, 234, 236, 353
 Overweight/obesity, rates and trends, 261
 Poverty rates among older adults, 356
 Prostate cancer, 299–300, 309
 Psychological disorders, symptoms and rates, 53, 56
 Sickle cell disease, 104
 Single-parent families, 81–82
 Smoking rates, 179, 181
 Stress and discrimination, 27, 34
 Suicide rates, 56, 355
 Tay-Sachs disease, 104
 Thalassemia, 104
 Tobacco use, 179, 181
 Violence, rates of, 402, 404

Note: The health issues and conditions listed here include those that disproportionately influence or affect specific U.S. ethnic groups or for which patterns may appear along ethnic lines. For more information, see the Index under ethnicity, culture, names of specific population groups, and any of the topics listed here.