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# THE WOMEN'S COMPLETE HEALTHBOOK

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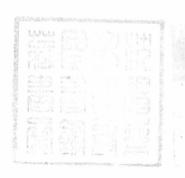
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# The Women's Complete Healthbook



## CRITICAL ACCLAIM FOR THE WOMEN'S COMPLETE HEALTHBOOK

"IF YOU HAVE ONLY ONE WOMEN'S HEALTH BOOK IN YOUR HOME, THE WOMEN'S COMPLETE HEALTHBOOK MAY BE YOUR BEST BET."
—Detroit Free Press

"AN EXCELLENT REFERENCE BOOK." —Library Journal

"Written by women doctors and health-care professionals, this resource book covers all major aspects of women's physical, mental and social health, leaving no stone unturned."

—Detroit News

"Thorough [and] candid, the first reference from the American Medical Women's Association covers everything from first aid to genetic testing."

—U.S. News & World Report

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# **Preface**

hen the American Medical Women's Association (AMWA) was founded in 1915, women did not have the right to vote, many medical schools did not admit women, and a physician could be arrested for discussing birth control with a patient.

Since that time, technology and social change have dramatically altered medicine in this country. AMWA has remained in the forefront of that social and technical change.

In the 1970s, American women began a grassroots movement in women's health. AMWA members were often among the leaders, empowering women to understand and take control of the health care decisions that affected their lives.

In the 1990s, this may be even more crucial. As parents live longer and child rearing becomes more complex, women are often at the center of their ex-

tended families. In this role, they not only make most of the health care decisions for themselves and their family, they are often primary caregivers.

The Women's Complete Healthbook is a resource to empower women who make health care decisions. The authors are women physicians who face the same challenges that you face. Like you, they make the health care decisions for their families and provide care when they are sick. Like you, they struggle for balance between their careers and personal lives. Like you, they sometimes need a place to find information.

On behalf of the 13,000 women physicians and medical students in the American Medical Women's Association, I encourage you to use this valuable resource.

Diana L. Dell, M.D., F.A.C.O.G., AMWA President, 1995–1996

# **Introduction**

ealth—the physical, mental, and social well-being of an individual—is a subject of interest to everyone. This is especially true of women. Most of the decisions about health care are made by women. They monitor their own care as well as that of their immediate and extended families. A woman's interest and involvement in health issues cover a broad spectrum: promoting family health, making decisions about care for aging family members, and being a wise consumer in using the health care system effectively. Now, in one valuable resource, a woman has the key information she needs when faced with important decisions about health care. The Women's Complete Healthbook was written by women physicians, for women, about women.

The Women's Complete Healthbook has been compiled by the American Medical Women's Association (AMWA) as another manifestation of its ongoing commitment to women's health. As the nation's oldest and largest medical organization of women physicians and medical students, AMWA represents women in every medical specialty and every type of medical practice. It is devoted to educating professionals, patients, and the public about important health care issues, specifically those that relate uniquely to women, as well as promoting women's health in general.

The authors represent the diversity in specialties and practice types of AMWA members. They are also women who understand the special concerns of women. These authors appreciate the need to treat the total woman, not just the disorder, and that sensitivity is reflected in the content of this book. It is designed to help women be educated, active participants in their health care and that of their loved ones.

The Women's Complete Healthbook is an authoritative, comprehensive reference to all aspects of women's health. It focuses on the special concerns of women. It eliminates the fragmented, inadequate information about women's health that often results when issues are addressed in isolation or the popula-

tion is considered as a whole. This comprehensive women's health book has been written entirely by women physicians and other medical professionals. The authors represent leaders in their medical specialties, in medical education, and in public policy. Most of the authors are in practice and interact daily with patients. The result is a book that is scientifically based, contains the latest medical information, and yet is practical for the individual seeking personal information.

The emphasis of *The Women's Complete Health-book* is on health and how to maintain it through prevention of disease and promotion of healthy behaviors. Diseases are a part of life, however, so it is important that women understand how disease affects the body systems and know when and how to obtain medical care. The book is organized in a manner intended to meet these goals and to enhance its use and value.

The content of *The Women's Complete Healthbook* is organized into four major sections. Part I, "Being a Savvy Consumer," focuses on the new national perspectives on women's health and the evolving health care system in today's environment of managed care. Part II, "Keeping Healthy," presents information on health maintenance of special significance to women, such as diet, exercise, mental health, and sexuality. Part III is devoted to a number of aspects of reproductive health. Part IV covers each of the body systems—structure and function, preventive measures, symptoms, conditions, and treatment—as well as special topics such as AIDS, cancer, pain control, and managing medications. An appendix describes diagnostic procedures.

The discussions of disorders and symptoms are geared to help readers analyze their problems logically and seek appropriate medical attention. Common medical conditions, especially those that occur more often in women, are highlighted. Because many conditions affect more than one system, there is some overlap in the content from one chapter to another. This overlap is intentional and designed to make the book easier to

**XII** INTRODUCTION

use. A book of this scope cannot cover every manifestation of every disease, however, and it should not be considered a substitute for the medical advice of the reader's doctor. The reader should consult the appropriate medical professional in all matters relating to her health. This book contains information about the training and expertise of various medical specialists to help in choosing the right physician. A safe rule to follow is to see a physician if symptoms persist. If the

initial medical evaluation is unsatisfactory, seek further medical attention.

The Women's Healthbook is the collective effort of many individuals who contributed their time and their expertise to ensuring the quality of the content; their names appear at the front of the book and in the Editors and Contributors section at the end.

The Editors

# **Contents**

Acknowledgments	Chapter 7		
<b>Preface</b> Diana Dell, M.D., President of the American Medical Women's Association	ix	Chemical Dependencies Roselyn Payne Epps, M.D., M.P.H., M.A., and Anne Geller, M.D.	
Introduction Roselyn Payne Epps, M.D., M.P.H., M.A., F.A.A.P., and Susan Cobb Stewart, M.D.	xi	Chapter 8 Mental Health Leah J. Dickstein, M.D.	107
Being a Savvy Consumer of Health Care		Chapter 9 Staying Healthy in Spite of Stress Jeanne Spurlock, M.D.	125
Chapter 1 A New National Focus on Women's Healt Susan J. Blumenthal, M.D., M.P.A.	h 3	Chapter 10 Violence and Women Marjorie Braude, M.D.	133
Chapter 2 How to Cope with the Health Care System Jeanne F. Arnold, M.D.	n 15	Chapter 11 Aging Judith C. Ahronheim, M.D.	145
Keeping Yourself Healthy		Chapter 12 Sexuality	
Chapter 3 Diet, Nutrition, and Healthy Weight Elaine B. Feldman, M.D.	31	Maj-Britt Rosenbaum, M.D., and Katherine A. O'Hanlan, M.D.	159
Chapter 4 Exercise and Physical Fitness Janet Emily Freedman, M.D.	47	Reproductive Health	
Chapter 5 Living in a Healthy Environment Diane L. Adams, M.D., M.P.H.	65	Chapter 13 Genetics Linda M. Brzustowicz, M.D.	173
Chapter 6 Working in a Healthy Environment Rosemary K. Sokas, M.D., M.O.H.	81	Chapter 14 Genetic Counseling Karen L. David, M.S., M.D., and Penny Steiner-Grossman, Ed.D., M.P.H.	189

Chapter 15 The Reproductive System Katherine A. O'Hanlan, M.D., and Jean L. Fourcroy, M.D., Ph.D.	209	Chapter 25 The Breast Janet Rose Osuch, M.D. Chapter 26	399
Chapter 16 Understanding Your Fertility Satty Gill Keswani, M.D.	245	Chapter 26 The Respiratory System Claudia S. Plottel, M.D.	413
Chapter 17 Pregnancy and Childbirth Susan Aucott Ballagh, M.D., and		Chapter 27 The Cardiovascular System Debra R. Judelson, M.D.	437
Barbara Bartlik, M.D.  Chapter 18 Breast-feeding	261	Chapter 28 Hypertension Lois Anne Katz, M.D.	457
Ruth A. Lawrence, M.D.  Chapter 19 Sexually Transmitted Diseases	281	Chapter 29 The Blood and Lymphatic Systems Marjorie S. Sirridge, M.D.	467
Carol Widrow, M.D.  Chapter 20 AIDS and Women Carol Widrow, M.D.	291 301	Chapter 30 The Endocrine System Doris Gorka Bartuska, M.D., and Joan A. Lit, M.D.	487
The Healthy Body: Symptoms, Diagnoses, and Treatments		Chapter 31 The Immune System and Allergies Leslie Carroll Grammer, M.D.	501
Chapter 21 Accidents and Emergencies Diane Sixsmith, M.D., M.P.H., and Christina Gertrud Rehm, M.D.	313	Chapter 32 The Kidneys and the Urinary System Tamara G. Bavendam, M.D., and Sandra P. Levison, M.D.	515
Chapter 22 The Brain and Nervous System Carolyn Barley Britton, M.D., M.S.	331	Chapter 33 The Digestive System Susan Cobb Stewart, M.D.	539
Chapter 23 The Eyes Penny A. Asbell, M.D., and Ana Bartolomei Aguilera, M.D. Chapter 24	355	Chapter 34 The Musculoskeletal System Laura L. Tosi, M.D., Patience White, M.D., Judith Petry, M.D., and Francesca Morosani Thompson, M.D.	573
Ears, Nose, and Throat  Melissa Susan Paschcow, M.D.,  Gwen S. Korovin, M.D., and  Lynn C. Kase, M.A.	383	Chapter 35 Skin, Hair, and Nails June K. Robinson, M.D., Elizabeth A. Abel, M.D.,	

vii

Zoe Diana Draelos, M.D., Patricia G. Engasser, M.D., Judith Petry, M.D., and Frances J. Storrs, M.D.	601	Chapter 39 Managing Medication Jean A. Hamilton, M.D., and Kimberly A. Yonkers, M.D.	661
Chapter 36 Reconstructive and Plastic Surgery Jane A. Petro, M.D., and Linda G. Phillips, M.D.	627	Appendixes	
Chapter 37 Cancer and Women Claudia R. Baquet, M.D., M.P.H.	639	Diagnostic Tests Claudia I. Henschke, M.D., Ph.D.	673
Chapter 38		Associations and Organizations	681
Pain Evaluation and Management		Editors and Contributors	687
Kathleen M. Foley, M.D.	649	Index	693

# PART I

# BEING A SAVVY CONSUMER OF HEALTH CARE

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### **CHAPTER 1**

# A New National Focus on Women's Health

Susan J. Blumenthal, M.D., M.P.A., F.A.P.A.

Women's Health and the Medical Community

Raising Awareness about Women's Health Issues

The Federal Effort on Women's Health

The Women's Health Initiative

Critical Issues in Women's Health

The Younger Years
The Later Years
What's Needed for the Future

Steps to Good Health

ver the last several decades, our society has witnessed tremendous changes in the lives of women. Today, women enjoy educational and professional opportunities never imagined a generation ago. For the first time in our nation's history, there are more women than men enrolled in colleges and universities, and more women than men now pursue graduate study. Women over the age of 18 make up 38 percent of the total populace and 45 percent of our nation's work force.

Thanks to general improvements in public health, women's average life expectancy has increased by almost 30 years since the beginning of the century. As of 1990, women made up 59 percent of Americans over the age of 65 and 72 percent of the group aged 85 and older. By contrast, in 1900, women constituted 49.5 percent of the population over the age of 65 and 55 percent of the group over the age of 85.

There's a darker side to this generally rosy picture, however. Although women are living longer, they are not necessarily living better. Women now face health problems that accompany old age—such as osteoporosis, depression, and Alzheimer's disease—in greater numbers than do men. Moreover, throughout their lives, women tend to suffer far more illnesses and chronic, debilitating conditions than do men. In fact, women's activities are limited by poor health approximately 25 percent more days each year than are men's activities, and women are bedridden 35 percent more days than men because of infectious diseases, respiratory problems, digestive diseases, injuries, and other chronic conditions.

Furthermore, work outside the home has become a necessity, not always a choice, for many women with families. Since 1951, the number of women in the paid work force has increased by nearly 1 million workers per year, with the largest increase among married women who have children. Between 1977 and 1991, for example, the number of married women employed outside the home increased from 43 to 56 percent, and

in 1990, 66.3 percent of women in the work force had children under the age of 18. More than ever before in U.S. history, women are essential to the economic survival of their families.

Despite the high influx of women into the American workplace and the increasing importance of women's contributions to the economic life of our country, women remain clustered in lower-wage and part-time jobs that do not provide health insurance or other benefits. Today, a woman still earns only 72 cents for every dollar earned by a man, an increase of only 3 cents since 1980. Of female-headed households in the United States, 45 percent have incomes below the poverty line compared with 8 percent of households headed by males.

The economics of many women's lives can have serious consequences on their health. Women who live in poverty—many of whom are women of color—suffer from more illnesses, have less access to health care, and have shorter life spans than other women. For example, the life expectancy for white women (79.4 years) is nearly 6 years longer than that of African-American women (73.6 years). According to the Centers for Disease Control and Prevention, between 1986 and 1988, the statistics for years of potential life lost before age 65 were highest for African-American women, followed by Native American women, white women, Hispanic-American women, Asian-American women, and Pacific Islander women.

Poor health care is often the reason for a lowered life expectancy. For example, while the incidence of breast cancer is actually lower among African-American women than among white women, African-American women have a higher mortality rate from breast cancer because of their more limited access to screening mammography, clinical breast examinations, and treatments. Similarly, poor women in rural areas have less access to prenatal care than other American women, and homeless women have no regular source of health care at all.

### WOMEN'S HEALTH AND THE MEDICAL COMMUNITY

With women now living longer and playing a more visible role in the public and economic life of our nation, the government, the medical establishment, and employers are beginning to pay more attention to the economic and social consequences of women's health.

Indeed, in recent years, the United States has experienced a virtual awakening about the importance of women's health and the deplorable dearth of verifiable scientific knowledge about the diseases and conditions that uniquely or disproportionately affect women. For

example, we still do not know whether hormone-replacement therapy should be routinely provided to perimenopausal and postmenopausal women. We know that cardiovascular disease is the leading killer of women, yet we do not know definitively if estrogen—or aspirin, for that matter—can reduce the risk of heart disease for older women.

Part of the problem is that physicians and medical researchers have taken the Renaissance idea of "man as the measure of all things" in the most literal sense. It is true that women were sometimes excluded from medical research because of the fear of possibly harming a fetus; but in many cases, the exclusion clearly has reflected a social bias. For example, the Multiple Risk Factor Intervention Trial, a major study of heart disease (appropriately called "Mr. Fit"), looked at the influence of lifestyle factors on cholesterol levels and the development of heart disease among 15,000 men-and not a single woman. In short, women have not been seen as the measure of health, even for other women. Consequently, the medical community lacks hard data about the causes, risk factors, prevention strategies, and optimum treatments for such common diseases as cardiovascular disorders (the number one killer of women

in the United States) and osteoporosis. Not surprisingly, women have become increasingly disturbed and angry about the lack of attention given to *their* health problems

It is particularly astonishing that women, who constitute a majority of the elderly in the United States, have even been excluded from studies of aging. For instance, the Baltimore Longitudinal Study on Aging, which was funded by the National Institutes of Health (NIH) and launched in 1958, did not include women until 1978, and the study's 1984 report, titled *Normal Human Aging*, contains no data specific to women.

The lack of scientifically sound information on women's health has negative repercussions for men, because research on women could provide comparative data for and insights into men's health. For instance, recent research on cardiovascular disease in women links high levels of estrogen with a lower incidence of disease among premenopausal women. These findings suggest that cardiovascular disease among men may be linked to their lower levels of estrogen. In fact, when it comes to studies of the human heart, perhaps women, who tend to develop such diseases later in life than men, should have been the model all along! (See Fig. 1.1)

### RAISING AWARENESS ABOUT WOMEN'S HEALTH ISSUES

The women's health research movement emerged from a unique coalescence of factors. In the 1970s and 1980s, women began entering the work force, including the medical and health professions, in record numbers. Women also participated more in politics. At the same time, a nascent awareness among medical researchers of the gaps in knowledge of women's health led to the formation, in 1983, of the U.S. Public Health Service's (PHS) Task Force on Women's Health Issues.

Over the course of 2 years, this task force assessed the PHS's involvement in the area of women's health, including research. In 1985, the task force concluded that serious omissions existed regarding women's health and issued a series of recommendations to redress the inequities. These recommendations called for expanded biomedical research, with an emphasis on conditions and diseases unique to or more prevalent in women of all ages. The report also identified a need to increase women's representation in study populations of federally sponsored research. Responding to the later concern, the NIH developed a policy to encourage the inclusion of women in clinical research studies. How-

ever, this policy was not rigorously implemented until 1990.

Many groups are responsible for putting women's health on our nation's research agenda. In addition to advocacy groups like the Society for the Advancement of Women's Health Research and the National Breast Cancer Coalition, several members of Congress played and continue to play an important part in focusing attention on women's health. In 1977, the bipartisan Congresswomen's Caucus was established by 15 of the 18 women members of Congress. Four years later, with the admission of men, it became the Congressional Caucus for Women's Issues. Since its inception, the caucus has championed women's health research, increased health care delivery for women, and acted as an important catalyst in the establishment of two offices: the PHS Office on Women's Health (OWH) in the Department of Health and Human Services (DHHS) and the Office of Research on Women's Health (ORWH) at the NIH. With the establishment of these two offices, the days of focusing solely on men like "Mr. Fit" have become a thing of the past.