## CONTENTS

Preface ........................................................................................................................................... v  
Contributors ................................................................................................................................. xi

### PART I. INTRODUCTION

1 The Institute of Medicine Report, Women’s Cardiovascular Health, and Evidence-Based Medicine ................................................................. 3  
* Nanette K. Wenger

2 Evidence-Based Medicine in the Assessment of Women at Risk for Cardiovascular Disease ......................................................................................... 9  
* Leslee J. Shaw

### PART II. SCREENING AND DIAGNOSIS OF CORONARY DISEASE IN WOMEN

#### A. Cardiovascular Epidemiology in Women

3 Population-Based Sex Differences in Disease Incidence and Prevalence ........................................................................................................ 19  
* Brandi J. Witt and Véronique L. Roger

4 Risk Detection and Primary Prevention in Women .............................................. 29  
* Lori Mosca and Leslee J. Shaw

5 Early Detection of Coronary Artery Disease in Women: Role of Coronary Artery Calcium Scanning With EBT ................................. 47  
* John A. Rumberger

6 Heart Failure in Women: Epidemiology, Gender Differences in Pathophysiology, and Implications for Therapy ................................................. 65  
* Daniel P. Morin, Marvin A. Konstam, Michael E. Mendelsohn, and James E. Udelson

7 Diastolic Dysfunction in Women .............................................................................. 93  
* Mary Norine Walsh and Mariell Jessup

8 Functional Capacity and Activities of Daily Living in Women ........................................................... 103  
* Claire E. Pothier Snader and Michael S. Lauer

9 Special Considerations for Minority Women ................................................................. 119  
* Jennifer H. Mieres and Elizabeth Ofili

#### B. Varying Symptom Presentation in Women

10 Clinical Risk Assessment in Women: Chest Discomfort. Report from the WISE Study ......................................................................................... 129  
* B. Delia Johnson, Sheryl F. Kelsey, and C. Noel Bairey Merz

11 Quality-of-Life Issues for Women With Coronary Disease ............................. 143  
* John Spertus and Darcy Green-Conaway
C. Choosing the Best Diagnostic Test for Women

12 Should All Women With Suspected Coronary Disease Undergo Stress Cardiac Imaging? .................................................. 161
Anthony P. Morise

13 State-of-the-Art Diagnostic Testing in Women:  
A Research Update ................................................................. 173
Leslee J. Shaw, B. Delia Johnson, Sharon Mulvagh, 
Jennifer H. Mieres, Rita F. Redberg, and 
C. Noel Bairey Merz

PART III. MANAGEMENT OF CORONARY DISEASE IN WOMEN

A. Evaluation of Stable Chest Pain Syndromes in Women

14 Treatment Strategies for Women With Stable Angina ............ 197
Paul R. Casperson, Leslee J. Shaw, and Robert A. O’Rourke

15 Improving the Diagnosis and Management of Women 
With Coronary Disease in Primary Care Settings ................. 215
Kimberly J. Rask

B. Evaluation of Acute Ischemic Syndromes in Women

16 Evaluation of Acute Chest Pain in Women ......................... 227
Andra L. Blomkalns, W. Brian Gibler, 
and L. Kristin Newby

17 Acute Ischemic Syndromes: Differences in Presentation 
and Treatment in Women ...................................................... 243
Jane A. Leopold and Alice K. Jacobs

C. Variations in Therapeutic Effectiveness in Women

18 Effectiveness of Coronary Revascularization:  
Gender and Racial Differences .................................................. 269
Christi Deaton, Cherie L. Kunik, and Eric Peterson

19 Electrophysiology: Treatment Considerations in Women ......... 285
Michael S. Bailey and Anne B. Curtis

20 Exercise Training and Cardiac Rehabilitation for Women .......... 297
Elisa Yuen Man Chiu, Maria Vivina T. Regis, and 
Erika Sivarajan Froelicher

21 Menopausal Hormone Therapy: Is There Evidence 
for Cardiac Protection? .......................................................... 321
Nanette K. Wenger

PART IV. ECONOMICS AND POLICY ISSUES 
IN HEALTH CARE RELATED TO WOMEN

22 Gender Bias: Is It Real and How Does It Affect Diagnosis,  
Management, and Outcome? ...................................................... 351
Thomas H. Marwick and Jonathan Chan
23  The Role of Women’s Health Centers in Improving Access
    and Process of Care ................................................................. 371
    Susan Kendig and D. Douglas Miller

24  Obstetrician/Gynecologists, Primary Care,
    and Cardiovascular Disease .................................................. 387
    William W. Hurd, Sheela Barhan, and Robert E. Rogers

25  Health Technology Assessment in the Era of Managed Care:
    Issues in Women’s Health Care ............................................ 401
    Laura Sampietro-Colom, Shawna Jackson, Erin Williams,
    and Frank J. Papatheofanis

26  Issues in the Analysis of Cost-Effectiveness
    in the Diagnosis and Treatment of Coronary Artery
    Disease in Women ............................................................... 413
    Adam Atherly and Steven D. Culler

Index ........................................................................................................ 423