

Contents

Part I Performing the Exercise Test

1 Exercise Physiology for Graded Exercise Testing: A Primer for the Primary Care Clinician	3
Francis G. O'Connor, Matthew T. Kunar, and Patricia A. Deuster	
2 Performance of the Exercise Test	23
George D. Harris and Russell D. White	
3 Exercise Testing Special Protocols	45
George D. Harris	
4 Testing Special Populations	55
Bryan C. Hughes and Russell D. White	

Part II Interpretation and Application of the Exercise Test

5 Interpreting the Exercise Test	81
Corey H. Evans and Myrvin H. Ellestad	
6 Common Abnormal Responses Seen with Exercise Testing and How to Manage Them	109
Corey H. Evans and Victor F. Froelicher	
7 Nuclear Imaging with Exercise Testing	121
Patricia Nguyen	
8 Stress Echocardiography	143
Patricia Nguyen	

9	Stratifying Symptomatic Patients Using the Exercise Test and Other Tools	167
	Russell D. White and Nora Goldschlager	
10	Exercise Testing as Applied to the Preoperative Patient	193
	H. Jack Pyhel	
11	Exercise Testing and Other Tools for Risk Stratification in Asymptomatic Patients	203
	Corey H. Evans and Victor F. Froelicher	
12	Promoting Therapeutic Lifestyle Change and the Primary Prevention of Coronary Artery Disease	217
	George D. Harris	
13	Exercise Testing After Bypass or Percutaneous Coronary Intervention	231
	Grant Fowler and Michael Altman	
14	Legal Aspects of Graded Exercise Testing	255
	David L. Herbert, William G. Herbert, Russell D. White, and Victor F. Froelicher	
Part III Sports Medicine Applications of Exercise Testing		
15	Measuring Physical Fitness	275
	Steven C. Masley	
16	Generating an Exercise Prescription from the Exercise Test	289
	Kevin Edward Elder	
17	The Role of Gas Analysis and Cardiopulmonary Exercise Testing	313
	Vibhuti N. Singh, Ajoy Kumar, and Joseph S. Janicki	
18	Testing Athletic Populations	341
	David E. Price, Eric T. Warren, and Russell D. White	
19	Exercise Testing for the Symptomatic Athlete	353
	Karl B. Fields	

Part IV Case Studies

20 Case Studies: Lessons Learned from Interesting Cases	375
Corey H. Evans, H. Jack Pyhel and Russell D. White	
Index	401

Exercise Testing for Primary Care and Sports Medicine
Physicians

Evans, C.H.; White, R.D. (Eds.)

2009, XVI, 420 p., Hardcover

ISBN: 978-0-387-76596-9