

CONTENTS

Contributing Authors v

Preface vii

Acknowledgments ix

Introduction xiii

1	The Basic Defect	1
	Daniel J. Weiner, Raymond A. Frizzell, and David M. Orenstein	
2	Making the Diagnosis	13
	Jonathan E. Spahr, David M. Orenstein, and Daniel J. Weiner	
3	The Respiratory System	21
	Daniel J. Weiner and David M. Orenstein	
4	The Gastrointestinal Tract	83
	Douglas S. Lindblad, Daniel J. Weiner, and David M. Orenstein	
5	Other Systems	103
	Daniel J. Weiner and David M. Orenstein	
6	Nutrition	113
	Judith A. Fulton, Iris Yann, Daniel J. Weiner, and David M. Orenstein	
7	Hospitalization and Other Special Treatments	135
	Jonathan E. Spahr, David M. Orenstein, Daniel J. Weiner, and Louise T. Bauer	
8	Transplantation	153
	Geoffrey Kurland, Jonathan E. Spahr, Daniel J. Weiner, and David M. Orenstein	
9	Daily Life	195
	Jonathan E. Spahr, David M. Orenstein, and Daniel J. Weiner	
10	Exercise	205
	David M. Orenstein and Daniel J. Weiner	
11	Genetics	221
	Barbara Karczeski, Garry R. Cutting, and David M. Orenstein	

12	The Family David M. Orenstein and Daniel J. Weiner	235
13	The Teenage Years Jonathan E. Spahr, David M. Orenstein, and Daniel J. Weiner	245
14	Cystic Fibrosis and Adulthood Joseph M. Piliowski, David M. Orenstein, Jonathan E. Spahr, and Daniel J. Weiner	265
15	Death and Cystic Fibrosis Elisabeth P. Dellon and David M. Orenstein	287
16	Research and Future Treatments Christopher Penland, David M. Orenstein, and Daniel J. Weiner	295
17	The Cystic Fibrosis Foundation Robert J. Beall	311

APPENDICES

A	Glossary of Terms	319
B	Medications	325
C	Airway Clearance Techniques	363
D	Some High Calorie Recipes	375
E	The History of Cystic Fibrosis	385
F	Bibliography and Resources	387
G	Cystic Fibrosis Care Centers in the United States	391
H	Cystic Fibrosis Care Centers Worldwide	411