## **CONTENTS**

1	Genetics as a routine part of primary care	1
2	Genetic classification of human disease	11
3	Genetic mechanisms of disease—chromosome disorders	21
4	Genetic mechanisms of disease—Mendelian disorders	57
5	Genetic mechanisms of disease—polygenic disorders	89
6	Biochemical disorders	109
7	Genetic and congenital disorders—the adverse effects of environmental agents	129
8	Prenatal diagnosis	155
9	Components of a genetic evaluation	171
10	Techniques of genetic counseling	195
11	The role of genetic counseling in family and patient management	217
12	Roles of nongeneticists and nonphysicians in clinical genetics	225
13	Therapy of genetic disorders	229
14	Pharmacogenetics	239
15	Ethical, moral, and legal aspects of clinical genetics	247
16	The Colorado-Wyoming Regional Genetic Counseling Program: incorporation of genetics into routine primary	
	care	259
	Index	267