



Contents

Preface to the Sixth Edition	vii
Acknowledgements	vii
Preface to the First Edition	viii
Abbreviations	ix
How to use your textbook	xi
About the companion website	xii
1 The fetus, placenta and changes at birth	1
2 Perinatal epidemiology and audit	14
3 Multiple births	19
4 Neonatal consequences of maternal conditions	25
5 Resuscitation at birth	33
6 Examination of the newborn	46
7 Birth injury	65
8 Genetic disorders	73
9 Infant feeding and nutrition	82
10 Infection in the newborn	98
11 The extreme preterm infant	114
12 The low-birthweight infant	124
13 Respiratory physiology and respiratory support	131
14 Respiratory disorders	144
15 Apnoea, bradycardia and upper airway obstruction	160
16 Cardiovascular disorders	168
17 Gastrointestinal and abdominal disorders	186
18 Renal disorders	201
19 Jaundice	210
20 Haematological disorders	221
21 Endocrine and metabolic disorders	233
22 The central nervous system	250

23	Neurodevelopmental follow-up and assessment of hearing and vision	270
24	Developmental care and the neonatal environment	277
25	Organization of perinatal services	287
26	Neonatal transport	291
27	Discharge and follow-up of high-risk infants	297
28	Parent–infant attachment and support for parents of critically ill infants	306
29	Ethical issues and decision-making process in the treatment of critically ill newborn infants	311
30	End-of-life care and palliative care	316
	Index	323