

Contents

<i>Author profiles</i>	ix
<i>Foreword</i>	xv
<i>Preface</i>	xvii
<i>Dedication and acknowledgements</i>	xix
<i>Diabetes management – a matter of balance</i>	xxi
1 Introduction and overview of the book	1
Introduction.....	1
Aims of the book.....	2
References.....	4
2 Presentation, diagnosis and classification of diabetes	5
Introduction.....	5
Diabetes mellitus.....	6
The main types of diabetes.....	6
Prevalence of diabetes.....	8
Type 1 diabetes in children and young people.....	9
Case discussions.....	14
References.....	32
Recommended reading.....	35
3 Health assessment, management targets, and deciding on a management plan	37
Introduction.....	37
The aims of diabetes management.....	38
Monitoring the effectiveness of the management plan.....	43
Holistic health assessment.....	45
Laboratory assessments.....	46
Multidisciplinary team care and shared care.....	48
Case discussions.....	49
References.....	54
Recommended reading.....	56

4	Nutritional management and physical activity	57
	Introduction	57
	Obesity	60
	Low-calorie diets and weight loss medicines	61
	Incidence and consequences of malnutrition.....	62
	Measuring the carbohydrate content of food.....	63
	Increasing mobility and exercise.....	63
	Case discussions	64
	References	67
	Recommended reading	68
5	Pharmacotherapeutic management	69
	Introduction	69
	Quality use of medicines	70
	Oral hypoglycaemic agents	71
	Combining OHAs and insulin.....	73
	Insulin	73
	Sliding scales and top-up regimens	77
	Lipid-lowering agents	77
	Antihypertensive agents	78
	Salicylates.....	80
	Case discussions	82
	References	95
	Recommended reading	97
	Independent medicine information.....	97
6	Short-term complications	99
	Introduction	99
	Hypoglycaemia.....	100
	Hyperglycaemia.....	103
	Case discussions	107
	References	117
	Recommended reading	119
7	Long-term complications	121
	Introduction	121
	Cardiovascular disease.....	123
	Cerebrovascular disease.....	127
	Nephropathy	127
	Retinopathy.....	129
	Neuropathy	129

	Dental infection	132
	Musculoskeletal effects	132
	Case discussions	133
	References	141
	Recommended reading	143
8	Psychological issues and quality of life	145
	Introduction	145
	Depression.....	146
	Signs and symptoms of depression	146
	Tools used to measure depression.....	148
	Quality of life	149
	Case discussions	150
	References	162
	Recommended reading	164
9	Diabetes education	165
	Introduction	165
	Education processes.....	166
	Aims of diabetes education	166
	Survival skills education.....	167
	Empowerment	168
	Case discussions	169
	References	176
	Recommended reading	176
10	Gestational diabetes.....	177
	Introduction	177
	Managing gestational diabetes	177
	Commencing insulin	179
	Case discussion.....	179
	Education	181
	Case discussions	183
	References	184
11	Complementary and alternative therapies	185
	Introduction	185
	Profile of CAM users.....	186
	Reasons for using CAM.....	187
	Herbal and nutritional therapies	188
	Complementary and conventional medicine interactions.....	191

Case discussions	194
References	201
Recommended reading	203
<i>Index</i>	205