

Contents

1	Epidemiology of Obesity	1
	W. P. T. James	
2	Neuroendocrinology of Energy Balance	31
	Antonio Giordano and Enzo Nisoli	
3	The Adipose Organ	51
	Saverio Cinti	
4	Roles of Gut Hormones in the Regulation of Food Intake and Body Weight	75
	Lidia Castagneto Gisse, James Casella Mariolo, and Geltrude Mingrone	
5	Obesity Pathogenesis	89
	Roberto Vettor and Scilla Conci	
6	The Microbiota and Energy Balance	109
	Gemma Xifra, José Maria Moreno-Navarrete, and José Manuel Fernández-Real	
7	Eating Disorders	127
	Massimo Cuzzolaro	
8	Clinical Assessment of the Patient with Overweight or Obesity ...	151
	James D. Crane and Barbara M. McGowan	
9	Obesity and NAFLD	179
	Paul Cordero, Jiawei Li, and Jude A. Oben	
10	Obesity and Type 2 Diabetes	195
	Sviatlana Zhyzhneuskaya and Roy Taylor	
11	Obesity, Hypertension, and Dyslipidemia	227
	Vasilios Kotsis, Christina Antza, Giannis Doundoulakis, and Stella Stabouli	
12	Obesity and Obstructive Sleep Apnea Syndrome	243
	Ian W. Seetho and John P. H. Wilding	

13	Impact of Obesity on Cardiovascular Disease	273
	Lyn D. Ferguson and Naveed Sattar	
14	Obesity in Children and Adolescents	295
	Claudia K. Fox, Justin R. Ryder, Amy C. Gross, and Aaron S. Kelly	
15	Exercise in the Treatment of Obesity	323
	R. Drew Sayer and James O. Hill	
16	Psychological Approaches in the Treatment of Obesity	349
	Vanessa Snowdon-Carr	
17	Surgical Approaches in the Treatment of Obesity	373
	Phong Ching Lee and John B. Dixon	
18	Medications Indicated for Chronic Weight Management	401
	Donna H. Ryan and Sarah R. Yockey	
19	An Integrated View of Treatment Options Available for Obesity	425
	Werd Al-Najim and Carel W. le Roux	
Index		435