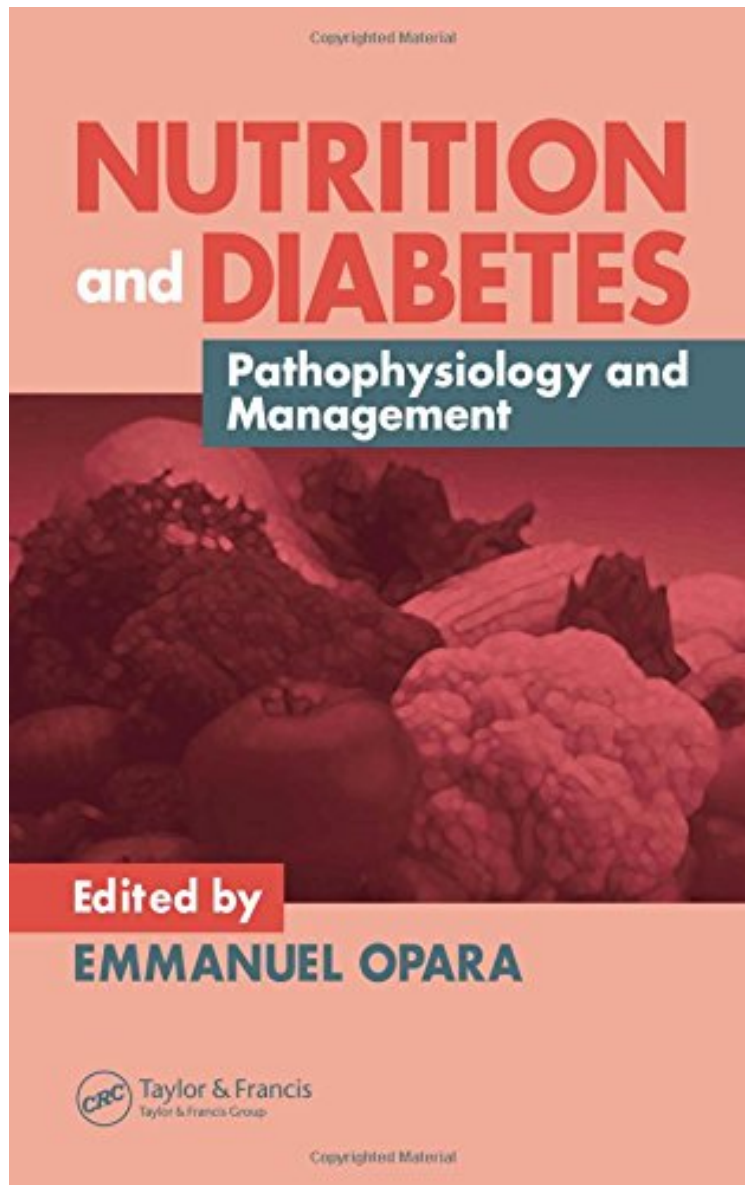


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Nutrition and Diabetes: Pathophysiology and Management

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Diabetes occurs at such an alarming rate that it is believed to be nearing epidemic proportions worldwide. *Nutrition and Diabetes: Pathophysiology and Management* is a comprehensive resource that examines the metabolic aberrations found in obesity that eventually lead to the development of diabetes. By focusing on the role diet has in the cause and management of obesity and diabetes, it provides a scientific basis for the different approaches used in their treatment. The text is divided into three sections for easy reference. Section I, *Pathophysiology and Treatment of Obesity*, includes chapters on the neuroendocrine regulation of food intake, achieving healthy body weight through diet and exercise, and surgical and nonsurgical weight loss techniques. Section II, *Pathophysiology and Treatment of Diabetes*, presents discussions on Type 2 diabetes in childhood, the management of Type 2 diabetes in underrepresented minorities in the U.S. and in developing countries, and the issue of diabetes in pregnancy. Section III, *The Role of Oxidative Stress in the Pathogenesis and Treatment of Diabetes and Its Complications*, outlines oxidative stress in relation to Type 1 diabetes, glycemic control in Type 2 diabetes, and the vascular complications of diabetes mellitus. The text presents these topics in a comprehensive yet accessible manner, making *Nutrition and Diabetes: Pathophysiology and Management* an important resource for those interested in acquiring the latest information on nutrition's essential role in the cause and management of diabetes.

"Science is the growth of knowledge based upon evidence, and readers will find within the pages (of this book) the evidence upon which to base answers to many of the questions posed by the rising incidence of diabetes and obesity in the modern world. They will, more importantly, also find pointers to gaps in our knowledge and areas of ignorance that have hitherto been glossed over, ignored, or just not considered, but which will, in all probability, yield to further investigation." Vincent Marks, Emeritus Professor of Clinical Biochemistry, University of Surrey, Guildford Surrey, UK from the Foreword of *Nutrition and Diabetes: Pathophysiology and Management*