

Nestlé Nutrition Workshop Series
Pediatric Program Volume 49

Obesity in Childhood and Adolescence

Editors

Chunming Chen
William H. Dietz



LIPPINCOTT WILLIAMS & WILKINS



Nestlé

NUTRITION

Contents

Assessment: National and International Reference Standards	1
<i>T. J. Cole</i>	
Prevalence of Childhood and Adolescent Overweight and Obesity in Asian and European Countries	23
<i>M. C. Bellizzi, G. W. Horgan, M. Guillaume, and W. H. Dietz</i>	
The Growth Pattern of Chinese Children	37
<i>C. Chen</i>	
Obesity Trends in Chilean Children and Adolescents: Basic Determinants	45
<i>J. Kain, R. Burrows, and R. Uauy</i>	
The Adult Health Consequences of Childhood Obesity	63
<i>D. S. Freedman, M. K. Serdula, and L. Kettel Khan</i>	
Early Origins of Obesity	83
<i>A. Singhal, J. Lanigan, and A. Lucas</i>	
The Adiposity Rebound: Its Contribution to Obesity in Children and Adults	99
<i>M. F. Rolland-Cachera, M. Deheeger, and F. Bellisle</i>	
Natural History of Obesity: A Focus on Adolescence	119
<i>L. G. Bandini</i>	
Physiologic Factors Related to the Onset and Persistence of Childhood and Adolescent Obesity	131
<i>C. Maffeis and L. Tatò</i>	
Toward Understanding the Genetic Basis of Human Susceptibility to Obesity: A Systemic Approach	143
<i>A. G. Dulloo and J. Jacquet</i>	
Childhood Overweight: Family Environmental Factors	161
<i>L. L. Birch</i>	
The Role of the Physical Activity Environment in Obesity Among Children and Adolescents in the Industrialized World	177
<i>S. L. Gortmaker</i>	

Environmental Factors Leading to Pediatric Obesity in the Developing World	195
<i>G. Ma</i>	
Conventional Treatment for Childhood and Adolescent Obesity	207
<i>K. S. Steinbeck</i>	
Aggressive Therapy for Childhood and Adolescent Obesity	223
<i>J. A. Yanovski</i>	
Obesity Prevention	245
<i>T. N. Robinson</i>	
School Programs	257
<i>A. Jacob</i>	
Policy and Environmental Changes Related to the Prevention and Treatment of Childhood and Adolescent Obesity	273
<i>W. H. Dietz</i>	
Subject Index	287