

Contents

Introduction: Shortening the Odds in a Tall World

Chapter 1 **LONGITUDINAL EVALUATION OF BEHAVIOR PATTERNS IN CHILDREN WITH SHORT STATURE**

Clarissa S. Holmes, Jennifer A. Karlsson, and Robert G. Thompson

1

Method	2
Results	5
Discussion	7

Chapter 2 **ACADEMIC AND EMOTIONAL DIFFICULTIES ASSOCIATED WITH CONSTITUTIONAL SHORT STATURE**

Robert A. Richman, Michael Gordon, Paul Tegtmeier, Carol Crouthamel, and Ernest M. Post

13

Methods	14
Results	16
Discussion	20

Chapter 3 **EFFECTS OF SHORT STATURE ON SOCIAL COMPETENCE**

Deborah Young-Hyman

27

Methods	30
Instruments	30
Subjects	32
Results	32
Discussion	42

Chapter 4	PSYCHOSOCIAL ASPECTS OF SHORT STATURE: THE DAY TO DAY CONTEXT	
	<i>Leonard P. Sawisch</i>	46
	Society's View	47
	Self-View	50
	A Different Approach	52
	Implications	54
	Summary and Conclusions	55
Chapter 5	THE RELATIONSHIP OF ACADEMIC ACHIEVEMENT AND THE INTELLECTUAL FUNCTIONING AND AFFECTIVE CONDITIONS OF HYPOPITUITARY CHILDREN	
	<i>Patricia Torrisi Siegel and Nancy J. Hopwood</i>	57
	Sample Selection and Description	59
	Methods and Procedures	62
	Results	64
	Discussion	68
Chapter 6	LONG-TERM SOCIAL FOLLOW-UP OF GROWTH HORMONE DEFICIENT ADULTS TREATED WITH GROWTH HORMONE DURING CHILDHOOD	
	<i>Heather J. Dean, Terri L. McTaggart, David G. Fish, and Henry G. Friesen</i>	73
	Study Design	74
	Results	74
	Discussion	77
Chapter 7	POST-TREATMENT FOLLOW-UP OF GROWTH HORMONE DEFICIENT PATIENTS: PSYCHOSOCIAL STATUS	
	<i>Richard R. Clopper, Margaret H. MacGillivray, Tom Mazur, Mary L. Voorhess, and Barbara J. Mills</i>	83
	Description of Sample	84
	Methods and Procedures	86
	Results	86
	Discussion	93

Chapter 8	PSYCHOSOCIAL IMPACT OF LONG-TERM GROWTH HORMONE THERAPY <i>C. M. Mitchell, Ann J. Johanson, Susan Joyce, Samuel Libber, Leslie Plotnick, Claude J. Migeon, and Robert M. Blizzard</i>	97
	Methods 98	
	Results 100	
	Discussion 105	
	Conclusion 108	
Chapter 9	COGNITIVE DEVELOPMENT IN TURNER SYNDROME <i>Hans-Christoph Steinhausen and Jacqui Smith</i>	111
	General Intellectual Functioning 112	
	Cognitive and Neuropsychological Functions 114	
	The Relationship Between Somatic Features of TS and Intelligence 115	
	Implications and Conclusions 119	
Chapter 10	TURNER SYNDROME VERSUS CONSTITUTIONAL SHORT STATURE: PSYCHOPATHOLOGY AND REACTIONS TO HEIGHT <i>Jennifer Downey, Anke A. Ehrhardt, Rhoda Gruen, Akira Morishima, and Jennifer Bell</i>	123
	Methods 124	
	Results 126	
	Discussion 135	
Chapter 11	THE EFFECTS OF GROWTH ON INTELLECTUAL FUNCTION IN CHILDREN AND ADOLESCENTS <i>Darrell M. Wilson, Paula M. Duncan, Sanford M. Dornbusch, Philip L. Ritter, and Ron G. Rosenfeld</i>	139
	Methods 140	
	Results 141	
	Discussion 144	

Chapter 12	ENVIRONMENTALLY BASED FAILURE TO THRIVE: DIAGNOSTIC SUBTYPES AND EARLY PROGNOSIS	
	<i>Dennis Drotar</i>	151
	Method	156
	Assessment Procedures	157
	Results	160
	Analysis of Individual Differences:	
	Duration and Severity	161
	Implications	163
Chapter 13	ENVIRONMENT AND INTELLIGENCE: REVERSIBLE IMPAIRMENT OF INTELLECTUAL GROWTH IN THE SYNDROME OF ABUSE DWARFISM	
	<i>Charles Annecillo</i>	168
	Nature of the Syndrome of Abuse Dwarfism	168
	IQ Change and Environment	170
	IQ Data in the Syndrome of Abuse Dwarfism	172
	Conclusion	175
Chapter 14	SIZE VERSUS AGE: AMBIGUITIES IN PARENTING SHORT-STATURED CHILDREN	
	<i>Diane L. Rotnem</i>	178
	Contributions of the Preexisting	
	Parent-Infant Relationship	179
	Interaction Between Self and the Environment	179
	Short Stature as a Chronic Condition	180
	Impact of Short Stature on the Child and Family	186
	Intervention	187
	Summary	188
Author Index		191
Subject Index		199