Contents

Foreword		vi		Participation in the selection and	
Preface		vii		use of methods	21
Acknowledgements		xi		Participation in the evaluation of	
				progress	23
1	The clinical picture for therapy and			Parent-child interaction	24
	management	1		Helping a child to learn motor	
	The motor duction	1		control	25
	The motor dysfunction	1		Observation of parent and child	
	Associated impairments and disabilities	2		interaction	25
	Aetiology	2 3		Emotional support	26
	0/	3		Parents' health	27
	Clinical picture and development Classification	5		Teamwork with parents	27
				Siblings	29
	Spastic cerebral palsy Athetaid (declination dectanis)	6		Records	29
	Athetoid (dyskinetic, dystonic)	0		Alternative and complementary	
	cerebral palsy	8		treatments	30
	Ataxic cerebral palsy	9		Contraindications	31
	Common features in all types of	10		Summary	31
	cerebral palsies	10			
	Motor delay	11 12	3	Outline of treatment approaches	34
	Principles of learning and therapy Summary	13		Muscle education and braces	34
	Summary	13			36
2	A collaborative learning approach	15		Progressive pattern movements Proprioceptive neuromuscular	30
4	A collaborative learning approach	13		facilitations (PNF)	37
	Working with parents	15			38
	Collaboration with other adults	16		Neuromotor development Neurodevelopmental treatment	30
	The collaborative learning			(Bobath approach)	39
	approach	17		Sensory stimulation for activation	39
	Opportunities to discover what			and inhibition	40
	parents and child want to			Reflex creeping and other reflex	40
	achieve	18		reactions	40
	Opportunities to clarify what is			Conductive education	41
	needed for these achievements,			Sensory integration	42
	to recognise what they already			Adjuncts to therapy	42
	know and can do and to find			Systems-based task-oriented	42
	out what they still need to learn			approach	46
	and do	19		approach	40

	Mobility opportunities via	in El Som	7	The older person with cerebral palsy	86
	education (MOVE)	47		Role of the physiotherapist and	
	Contemporary theories	47		occupational therapist	87
				Studies of function	87
	F. M			Issues of concern in the older	0,
4	Evidence-based practice	51		person	88
	Research and clinical studies	51		Motor abilities and self-care	00
	Research on treatment approaches	51		activities	89
	Theoretical grounds	51		Deformities	90
	Research studies	52			
	Reviews of research studies	52		Healthy lifestyle	92
	Studies of specific treatment	32		Develop appropriate community	0.2
	systems	53		mobility	93
		54		Training of self-care and cosmetic	0.0
	Research on specific procedures			appearance	93
	Other research	54		Knowledge about the condition	93
	Clinical experience with	22		Therapeutic motor activities	94
	evidence-based practice	55		Measures	94
	The appraisal of research studies				
	for therapy	57			
	* The state of the				
	a che più la produce di e dia de la calcina con l	11.00	8	Assessment for therapy and daily	
5	Synthesis of treatment systems	61		function	95
	The eclectic viewpoint in therapy	61		Approach to assessment	95
	Synthesis of treatment systems	62		Assessment and measurements	98
	The postural mechanisms	63		Specific functional items	109
	Voluntary motion	65		Measures of upper extremity and	
	Perceptual-motor function	66		hand function	110
	principles for a synthesis of			Methods of observation of gait	112
	therapy systems	67		Grading in assessments	113
	Developmental training	67		Additional assessment required	114
	Treatment of abnormal tone	71		Records	
					123
	Training of movement patterns	73		Summary	124
	Use of afferent stimuli	73			
	Management of deformity	75			
			9	Treatment procedures and	
6	Learning motor function	76		management	125
	Learning methods	77		Motor training	125
	The development of a child's			Motor development and the	
	attention and learning	79		child with severe visual	
	Practical ideas to promote	7 3		impairment	129
	attention and learning	79		Prone development	134
				Supine development	154
	Learning a motor function	79			
	A child's own goals and strategies	80		Development of sitting	167
	Task analysis	81		Development of standing and	105
	Cues for learning	81		walking	195
	Verbal guidance	83		Abnormal postures in standing	201
	Rewards	84		Lower limb orthoses for standing	
	Practice and experience	84		and walking	224
	Summary	85		Development of hand function	233