

APPENDIX I Continued

Reference	Rank	Sample size	Population	Orthosis							Outcome measure										
				1	2	3	4	5	6	7	1	2	3	4	5	6	7	8	9		
Yang et al. (1996) ²⁵	5	3	Able-bodied						x	x				x		x	x	x	x		x
Yngve et al. (1984) ⁷⁹	5	17	MMC						x												x
Bartonek et al. (1999)	6	2	MMC			x															
Betz et al. (2002)	6	1	SCI			x				x					x						x
Bonaroti et al. (1999)	6	1	SCI			x				x				x	x		x				
Colombo et al. (2001)	6	2	SCI												x						
Costa Filho et al. (2001a)	6	1	SCI	x																	
Costa Filho et al. (2001b)	6	2	SCI		x																
Edwards and Marsolais (1990)	6	1	SCI			x			x	x				x							x
Ferguson et al. (1999)	6	1	SCI						x						x						
Ferguson and Granat (1992)	6	1	SCI				x														
Ferrarin et al. (1993b)	6	2	Paraplegia		x											x					
Genda et al. (2004)	6		Paraplegia													x				x	
Gharooni et al. (2001)	6	1	SCI												x						
Goldfarb et al. (2003)	6						x			x					x						
Granata et al. (1987)	6	7	Spinal Muscular Atrophy			x									x						
Greene and Granat (2000)	6		Paraplegia													x					
Greene and Granat (2003)	6	2	SCI							x						x					
Hebert and Liggins (2005) ¹¹	6	1	Post-polio			x									x		x				
Heim et al. (1997) ⁵⁷	6	30	Post-polio			x						x									
Herman et al. (1995)	6	1	SCI			x															
Huang et al. (1979)	6	8	SCI			x									x						
Huitt and Gwyer (1978)	6	6	Paraplegia			x					x										
Irby et al. (1999) ⁸	6	1	Able-bodied			x										x					
Isakov et al. (1992)	6	1	SCI							x	x										
Jefferson and Whittle (1990) ⁷⁴	6	1	Paraplegia													x					
Kagaya et al. (1996) ⁵	6	1	SCI																		
Kakurai and Akai (1995) ⁶¹	6	28	Hemiplegia			x									x						
Kaufman et al. (1996) ⁶	6	1	Post-polio																		
Kobetic et al. (2003)	6	1	SCI				x			x						x					x
Kojima et al. (1997)	6																		x		
Lehmann et al. (1977)	6	3	SCI				x														
Limbird et al. (1989)	6	14	Paraplegia																		
Major et al. (1981)	6									x							x				
Marsolais and Edwards (1988)	6	2	SCI				x			x					x						
McMillan et al. (2004) ⁹	6	3	Paraplegia				x								x		x			x	x
Middleton et al. (1998)	6	1	SCI												x						x
Morinaka et al. (1984) ⁶⁰	6	120	Hemiplegia				x									x					
Nene and Jennings (1989)	6	1	SCI					x			x										
Nichols et al. (1969)	6	3	Congenital Deficiencies	x																	
Nuzzo (1989)	6	1																		x	x
Phillips (1989a)	6	1	SCI							x	x					x					

(Table continues)

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Reference	Rank	Sample size	Population	Orthosis							Outcome measure												
				1	2	3	4	5	6	7	1	2	3	4	5	6	7	8	9				
Phillips (1989b)	6	1	SCI						x	x											x	x	
Phillips et al. (1995)	6	1	SCI						x	x													
Phillips and Hendershot (1991a)	6	1	SCI						x	x			x										
Phillips and Hendershot (1991b)	6	2	SCI						x	x													
Rietman et al. (2004) ¹⁰	6	3	Quadriceps paresis																				x
Rose et al. (1983) ⁷⁷	6	100	MMC	x				x															x
Saitoh et al. (1996)	6	5	SCI				x																x
Seymour et al. (1982)	6	1	Paraplegia	x			x																x
Sibert et al. (1987)	6	11	DMD	x																			
Smith et al. (1997)	6	1	SCI																				
Solomonow et al. (2000)	6	70	Paraplegia																				
Sonoda et al. (2000)	6	1	SCI				x																
Spadone et al. (2003)	6	1	SCI																				
Tashman et al. (1995)	6	1	SCI																				
Yano et al. (1997)	6	1	SCI																				
Yamanaka et al. (2004) ⁶²	6	12	Hemiplegia				x																
Yang et al. (1996)	6		SCI																				
Ziter and Allsop (1979)	6	17	DMD				x																
Atrice (2000)	7a		SCI																				
Bajd et al. (1983)	7a		SCI																				
Bangham (1990)	7a						x																
Beckman (1987)	7a																						
Braverman (2002)	7a																						
Butler and Major (1987)	7a		Paraplegia				x																
Butler et al. (1984)	7a		Paraplegia																				
Campbell (1999)	7a	4	Paraplegia																				
Dittmer (1994)	7a		MMC																				
Douglas et al. (1983) ⁷⁸	7a		Paraplegia																				
Edbrooke (1970)	7a		MMC																				
Edelstein (2000)	7a		SCI																				
Ekus and McHugh (1987)	7a																						
Fish et al. (2001)	7a																						
Goss (2000)	7a																						
Guiraud (1994)	7a		Paraplegia																				
Irby et al. (1999) ⁷	7a																						
Jaeger et al. (1989)	7a		SCI																				
Kantor et al. (1993)	7a		Paraplegia																				
May et al. (2004)	7a																						

(Table continues)

