Appendix: Core data sets

			enrollment	Surveillance	botulinum toxin upper extremity	botulinum toxin lower extremity	botulinum toxin care	orthopedic surgery	intrathecal baclofen
patient	diagnosis	type & localisation motor	х	0	0	0	0	0	0
demogra-		disorder							
phics		imaging diagnosis (MRI)	Х	0	0	0	0	0	0
	1.19.0	pregnancy duration	Х	0	0	0	0	0	0
	additional disorders	intellectual disability (IQ <50, 50-69, >70)	Х	0	0	0	0	0	0
		Presence of epilepsy, visual impairment, hearing impairment, behavioral problems	X	0	0	0	0	0	0
	functioning	GMFCS (mobility)	Х	0	0	0	0	0	0
		FMS (mobility)	Х	0	0	0	0	0	0
		MACS (arm hand dexterity	Х	0	0	0	0	0	0
		CFCS (communication)	Х	0	0	0	0	0	0
		EDACS (eating and drinking)	Х	0	0	0	0	0	0
		VSS (speech)	Х	0	0	0	0	0	0
treatment	current	orthosis	Х	0	0	0	0	0	0
(current		tube feeding	Х	0	0	0	0	0	0
and		drain	Х	0	0	0	0	0	0
history)		medication	Х	0	0	0	0	0	О
	history	botulinum toxin A	Х	0	0	0	0	0	О
		orthopedic surgery	Х	0	0	0	0	0	О
		selective dorsal rhizotomy	Х	0	0	0	0	0	0
		intrathecal baclofen	Х	0	0	0	0	0	0
physical	anthropo-	length		х	х	х	х	х	х
exam	metrics	weight		х	х	х	х	х	х
	characteristic	type of gait pattern		х		х		х	х
	s gait pattern	presence adduction/endorotation		Х		Х			
		transfer						Х	Х
	motion lower extremity	range of motion: hip, knee, ankle		Х		Х	Х		х
	,	foot alignment		х		Х	х		Х
		foot deformity						х	х

		spasticity	Х		х	х		Х
	motion	range of motion: shoulder,	Х	х		х		Х
	upper	elbow, wrist, thumb						
	extremity	spasticity	Х	х		Х		Х
		handfunctioning: Swanneck, Zancolli, House thumb classification	X	X		Х		Х
	statics	leg length discrepancy	х		Х	Х	Х	Х
		scoliosis	Х		Х	Х	Х	Χ
	selectivity lower extremity	selectivity lower extremity	x ¹		X ¹	Х	X ¹	x ¹
	functional strength	functional strength			Х	Х	Х	Х
	dystonia	Barry-Albright Dystonia Scale						Х
imaging	back	Cobbs angle	х					
	hip	X-ray	Х				Х	
		migration percentage	х				х	
		head-shaft angle					Х	
		development acetabulum					Х	
	knee	X-ray					х	(
		position patella					х	
		open growth plate					х	
PROMs	daily life	screening questionnaire	Х					
	psychosocial screening	SDQ	х					
	daily functioning	PEDI-NL	x ²	x ³				
	daily functioning	PEDI-CAT	x ³					
	quality of life	CP-CHILD	X ⁴					
	patient	satisfaction child/parents		Х	Х	Х	Х	Х
	evaluation	remarks		Х	Х	Х	Х	x ⁴
		negative treatment effects		Х	Х	Х	Х	Х
		pain		Х	Х	Х	Х	Х
		sleep						Х
	hand use	ABILHAND		Х		Х		
		(mini-)CHEQ		Х		Х		
treatment details	treatment details	details injection treatment (date, treated muscles, type of medication, dosage per muscle, injection method, general anesthesia)		х	х	х		
		details surgery (tenotomy, muscle lengthening, muscle transfer, osteotomy)					Х	
		details test treatment						x ⁵

		details pump (date, type, size,						Х
		location) details catheter (tip level,						
		entry site, model)						×
		revision pump/catheter						
		details dosage (day dosage,						X
		modus, pump filling)						•
		complications		х	х	х	х	>
	after care	casting		х	х	х	х	
		orthosis		х	х	х		
		paramedic care		х	х	х		
goals and outcomes	goals	goal skills - GAS		х	х	х	х	×
		goal disorder level		х	х	х	х	×
	goals (outcomes)	outcome skills - GAS		х	х	х	х	×
		outcome disorder level		х	х	Х	Х	X
		side effects		х	х	х	Х	X
	outcomes	gait analysis - kinematics			х	х	х	X
		gait analysis - foot contact			х	х	х	>
		gait analysis - deformity			х	х	х	×
		gait analysis - clearance			х	х	х	×
		6 minute walk test			х	х	х	
		grip strength		Х		х		
		pinch strength		Х		х		
		Assisting Hand Assessment		х		х		
		thumb opposition		х		х		
		modified functional house		х		Х		
		(mini-)MACS		х		х		
		FMS						>

x: required input o: adjusted if needed

1: only at 6y

²: GMFCS I-III, <4y

³: GMFCS I-III, ≥4y

4: GMFCS IV-V

⁵: in case of test treatment

ICF level of function

ICF level of activity

ICF level of activity and participation

Consultation frequency:

Surveillance: 0-6y: 2x/year; 7-18y: 1x/year
Botulinum toxin A: pre; 3 months post

Orthopedic surgery: pre; 1y post

Intrathecal baclofen: pre; test treatment; 3 months post; 1x/year

Abbreviations:

• GMFCS: Gross Motor Function Classification System

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- FMS: Functional Mobility Scale
- MACS: Manual Ability Classification System
- CFCS: Communication Function Classification System
- EDACS: Eating and Drinking Ability System
- VSS: Viking Speech Scale
- SDQ: Strengths and Difficulties Questionnaire
- PEDI-NL: Pediatric Evaluation of Disability Inventory Dutch
- PEDI-CAT: Pediatric Evaluation of Disability Inventory Computer Adaptive Test
- CP-CHILD: Caregivers Priorities and Child Health Index of Life with Disabilities
- CHEQ: Children's Hand-use Experience Questionnaire
- GAS: Goal Attainment Scaling
- MACS: Manual Ability Classification System
- FMS: Functional Mobility Scale