## S1 Table. Individual patient information, surgery, adverse events and rehabilitation program

Subject:	Surgery	Adverse events	Rehabilitation / additional treatment
Gender			,
Age			
Etiology			
Length			
Weight			
GMFCS	Dath land dietal madial beweetsing	Navanathia nais	First C weeks immediation in land
1: female	Both legs distal medial hamstring lengthening, adductor and psoas	Neuropathic pain after epidural	First 6 weeks: immobilization in knee extension brace left leg (23 hours per day);
10.6 years	release;	painmanagement;	first half year three to four times a week
cerebral palsy	left leg: hemi-epiphysiodesis	morphine pump	physiotherapy including strengthening,
146 cm	, , , , , , , , , , , , , , , , , , ,	GMFCS III=>	mobilization, pain rehabilitation and
46 kg		GMFCS IV	hydrotherapy; second half year after surgery
GMFCS III			two to three times per week physiotherapy
			including training on parallel bars, transfers
2	Bakk lane distal modial beautions		training and biking
2: male	Both legs distal medial hamstring		First 6 weeks: no-weight bearing; immobilization in knee extension brace both
12.7 years	lengthening and hemi-epiphysiodesis; right leg: exorotating femur osteotomy,		legs (23 hours per day); Till half year after
hereditary	endorotating tibia osteotomy and		SEMLS four times a week physiotherapy
spastic paresis	aponeurotic lengthening of triceps		including gait training, mobilization, and
136 cm	surae (Vulpius); left leg: aponeurotic		strengthening; after 12 weeks therapy
27 kg	lengthening of triceps surae (Vulpius)		included two times training in water;
GMFCS III	and triple arthrodesis foot;		Eight months after SEMLS: Botuline toxin A
	After one week of first SEMLS: triple		treatment: psoas, adductors, rectus femoris,
3:	arthrodesis right foot		flexor dig. brevis and flexor dig. longus;
female	Both legs distal medial hamstring lengthening and supracondylar		First 8 weeks immobilization in knee extension brace both legs (23 hours per day);
17.2 years	extension osteotomy; Right leg:		inpatient rehabilitation nine weeks including
cerebral palsy	aponeurotic lengthening of triceps		gait training, mobilization, and strengthening;
154 cm	surae (Vulpius)		Till half year after SEMLS two times a week
47 kg			physiotherapy, then one time.
GMFCS III			
4:	Both legs distal medial hamstring		First 9 weeks: immobilization in knee
male	lengthening three month prior to SEMLS;		extension brace both legs (23 hours per day);
15.8 years cerebral palsy	SEMLS: supracondylar extension		one hour mobilization and standing exercises; followed by knee extension brace for 2-3
151 cm	osteotomy; patellar tendon shortening;		hours and three sessions of physiotherapy
53 kg	both feet: fusion of calcaneocuboid		every week, including gait training,
GMFCS II	joints		mobilization and strengthening.
			After SEMLS: 12 weeks of inpatient
			rehabilitation.
			Two years after SEMLS: Rectus release both
5:	Both legs distal medial hamstring	Dain at growth plata	legs First 12 weeks: immobilization in removable
female	lengthening and distal femoral anterior	Pain at growth plate at location of	knee extension brace both legs (8 hours per
11.2 years	guided growth (hemi-epiphysiodesis)	fixation plates till	night); combined with five times a week
hereditary		half year after	physiotherapy including gait training,
spastic paresis		surgery	mobilization, and strengthening. Till half year
151 cm			after SEMLS two times a week physiotherapy,
46 kg			then one time. Biking at five weeks after
GMFCS II 6:	Both legs distal medial hamstring	Stage 4 pressure	SEMLS.  First 8 weeks: immobilization in knee
male	lengthening;	ulcer surgically	extension brace both legs (23 hours per day);
15.2 years	right leg hemi-epiphysiodesis,	treated	6 weeks below-knee cast for mobilization, 8
cerebral palsy	exorotating femur osteotomy,		hours per night knee extension braces,
176 cm	endorotating tibia osteotomy; Left leg:		inpatient rehabilitation 12 weeks including
61 kg	hemi-epiphysiodesis, triple arthrodesis		gait training, mobilization, and strengthening;
GMCS III	foot;		Till half year after SEMLS three times a week
	After four weeks of first SEMLS: triple		physiotherapy, then one time. Wheelchair
	arthrodesis right foot		sports training four times a week.