FUGL-MEYER ASSESSMENT ID: LOWER EXTREMITY (FMA-LE) Date: Assessment of sensorimotor function Examiner:

Fugl-Meyer AR, Jaasko L, Leyman I, Olsson S, Steglind S: The post-stroke hemiplegic patient. 1. a method for evaluation of physical performance. Scand J Rehabil Med 1975, 7:13-31.

I. Reflex activity, supine position				none	can be	elicited
Flexors: knee flexors				0	2	2
Extensors: patellar, ad	chilles (at least one)			0	2	2
Subtotal I (max 4)						
II. Volitional move	ement within synergies	supine po	sition	none	partial	full
Flexor synergy: Maxir		Hip	flexion	0	1	2
(abduction/external rot	0	1	2			
	alpate distal tendons to	Knee Ankle	flexion dorsiflexion	0	1	2
ensure active knee flex		Alikie	dorsinexion	U	!	
	om flexor synergy to the hip	Hip	extension	0	1	2
-	nee extension and ankle		adduction	0	1	2
	nce is applied to ensure uate both movement and	Knee	extension	0	1	2
strength (compare with		Ankle	plantar flexion	0	1	2
ouorigar (oomparo ma	rano unamostou sias)	701100	Subtotal II (max 14)		'	
III Malifianal mass	15/-	147	<u>[8]</u>			
	ement mixing synergies Ocm from the edge of the chair			none	partial	full
Knee flexion from	no active motion		\ <u>\{\tilde{\ti}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}</u>	0		
actively or passively	less than 90° active flexion, p	alpate ten	dons of hamstrings		1	
extended knee	more than 90° active flexion		dono or namounigo			2
Ankle dorsiflexion	no active motion					
compare with	limited dorsiflexion			0	1	
unaffected side	complete dorsiflexion			017		2
GOTE	BUKGS	UV	Subtotal III (max 4)	[2]		
	ement with little or no s	ynergy		none	partial	full
standing position, hip a				0		
Knee flexion to 90°	no active motion or immediate			0	1	
hip at 0°, balance	less than 90° knee flexion and/or hip flexion during movement				'	2
support is allowed	at least 90° knee flexion with	out simulta	ineous nip flexion			
Ankle dorsiflexion	no active motion			0	_	
compare with	limited dorsiflexion				1	
unaffected side	complete dorsiflexion					2
			Subtotal IV (max 4)		I	1
V. Normal reflex a	ctivity supine position, asse	ssed only	if full score of 4			
	art IV, compare with the unaffe			hyper	lively	normal
Reflex activity	eflex activity 2 of 3 reflexes markedly hyperactive				_	
knee flexors,	1 reflex markedly hyperactive or at least 2 reflexes lively				1	_
Patellar, Achilles, maximum of 1 reflex lively, none hyperactive					2	
			Subtotal V (max 2)		<u> </u>	

F. COORDINATION/SPEED , supine, after one trial with both legs, eyes closed, heel to knee cap of the opposite leg, 5 times as fast as possible			slight	none
Tremor	at least 1 completed movement	0	1	2
Dysmetria	pronounced or unsystematic slight and systematic	0	1	
	no dysmetria			2
		≥ 6s	2 - 5s	< 2s
Time start and end with the	6 or more seconds slower than unaffected side 2-5 seconds slower than unaffected side	0	1	
hand on the knee	less than 2 seconds difference			2
	Total F (max 6)			

H. SENSATION, lower extremity eyes closed, compare with the unaffected side		anesthesia	hypoesthesia or dysesthesia	normal
Light touch	leg foot sole	0 0	1	2 2
		less than 3/4 correct or absence	3/4 correct or considerable difference	correct 100%, little or no difference
Position small alterations in the position	hip knee ankle great toe (IP-joint)	0 0 0 0	1 1 1 1	2 2 2 2
	2 630		Total H (max12)	

I. PASSIVE JOINT MOTION, lower extremity supine position, compare with the unaffected side		J. JOINT PAIN during passive motion, lower extremity					
		only few degrees (<10° hip)	decreased	normal	pronounced pain during movement or very marked pain at the end of the movement	some pain	no pain
Hip	Flexion Abduction External rotation Internal rotation	coR o	GS	2 2 2 2	IIVE RSI		2 2 2 2
Knee	Flexion Extension	0	1 1	2 2	0 0	1 1	2 2
Ankle	Dorsiflexion Plantar flexion	0 0	1 1	2 2	0 0	1	2 2
Foot	Pronation Supination	0 0	1 1	2 2	0 0	1 1	2 2
Total	Total (max 20)			Total (max 20)			

E. LOWER EXTERMTY	/28
F. COORDINATION / SPEED	/6
TOTAL E-F (motor function)	/34

H. SENSATION	/12
I. PASSIVE JOINT MOTION	/20
J. JOINT PAIN	/20