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Corrigendum

Corrigendum to “Sensory–motor control in the ipsilesional upper extremity after stroke”

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The Publisher regrets that a table was inadvertently omitted from the above paper. The table should read as on following pages:

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Table 1
Summary of studies on sensory-motor control in the ipsilesional upper extremity after unilateral brain damages

Ipsilateral UE sensory-motor control	Author	Variable/task examined	Sample size/lesion/side	Average time post-onset	Control group used	R/L differences
<i>Speed and accuracy</i> Decreased	Smutok ²²	Single target tapping	32 RHBL, 19 LHBL	~ 14 years	Yes	No difference
	Winstein ⁴	Single target tapping	10 RCVA, 10 LCVA	RCVA = 4.2 years LCVA = 3.3 years	Yes	LCVA deficit but not RCVA
	Robinson ²⁴	Single target tapping	12 RCVA, 8 LCVA	29 months	Yes	LCVA deficit but not RCVA
	Carmon ⁵ (exp 1)	Single target tapping	19 RHBL, 19 LHBL	NR	Yes	No difference
	Carmon ⁵ (exp 2)	Paced single target tapping	20 RHBL, 20 LHBL	NR	Yes	LHBL more affected in fast speed RHBL more affected in slow speed
	Finlayson ²³	Single target tapping	15 RCVA, 15 RT, 15, RHBL, 15 LCVA, 15 LT, 15 LHBL	NR	No (control values used)	No difference
	Haaland ¹⁶	Reciprocal aiming	18 RCVA, 25 LCVA	RCVA = 17 months LCVA = 36 months	Yes	LCVA deficit (in wide target condition) but not RCVA
	Haaland ¹⁸	Reciprocal aiming	9 RCVA, 10 LCVA	~ 5 years	Yes	LCVA deficit (in wide target condition) but not RCVA
	Winstein ²⁷	Reciprocal aiming	12 RCVA, 11 LCVA	RCVA = 29.7 months LCVA = 26.1 months	Yes	No difference in total MT, RCVA deficit
	Fisk ²⁶	Point to unpredictable target	11 RHBL, 17 LHBL	NR	Yes	In deceleration time but not LCVA RHBL deficit in reaction time LHBL deficit in transportation
	Winstein ⁴	Reciprocal aiming	10 RCVA, 10 LCVA	RCVA = 4.2 years LCVA = 3.3 years	Yes	LCVA more affected in low precision RCVA more affected in high precision
	Pohl ³⁰	Reciprocal aiming	5 RCVA, 5 LCVA	RCVA = 56.2 months LCVA = 29.2 months	Yes	LCVA deficit (in wide target condition) but not RCVA
	Wyke ²⁹	Reach to press a target	20 RHBL, 18 LHBL	2.3 years post OP	Yes	LHBL deficit (in low precision condition) but not RHBL
	Haaland ²⁸	Point to unpredictable target	14 RCVA, 15 LCVA	RCVA = 19.6 months LCVA = 26 months	Yes	LCVA deficit but not RCVA (RCVA had large S.D.)
	Heap ³⁴	Pursuit rotor	20 RHBL, 20 LHBL	~ 3.7 years post OP	Yes	No difference
	Dickstein ³²	Rapid elbow flexion	13 RHBL, 12 LHBL	2.5 months	Yes	NR
	Wyke ³³	Pursuit rotor	20 RHBL, 17 LHBL	2.4 years post OP	Yes	No difference
	Kimura ²	Copy moving hand posture	14 RHBL, 16 LHBL (14 aphasic)	3 weeks to several years	No	LCVA deficit but not RCVA (not compared with control)
	No change	Halsband ²¹	Single target tapping	4 RHBL (PMC), 10 LHBL (8 PMC, 2 MI)	< 2 years	Yes

Table 1 (continued)

Ipsilateral UE sensory-motor control	Author	Variable/task examined	Sample size/lesion/side	Average time post-onset	Control group used	R/L differences
<i>Speed and accuracy</i>						
No change	Haaland ³	Finger tapping	10 RCVA, 10 LCVA	~ 5 years	Yes	No difference
	Haaland ¹⁶	Finger tapping	18 RCVA, 25 LCVA	RCVA = 17 months LCVA = 36 months	Yes	No difference
No change	Haaland ¹⁸	Finger tapping	9 RCVA, 10 LCVA	~ 5 years	Yes	No difference
	Haaland ¹⁹	Finger tapping	17 RCVA, 26 LCVA	~ 25.4 months	Yes	No difference
	Haaland ²⁰	Finger tapping	~ 150 Brain tumor	NR	Yes	No difference
	Kimura ¹⁷	Finger tapping	16 RCVA, 29 LCVA (14 aphasic, 15 non-aphasic)	< 1 month (20 Ss) > 1 month (25 Ss)	No	NA
	Vaughan ¹⁵	Finger tapping	18 RHBL, 17 LHBL	NR	Yes	No difference
<i>Coordination</i>						
Decreased	Pohl ³⁰	Reciprocal aiming/ relative timing	5 RCVA, 5 LCVA	RCVA = 56.2 months LCVA 29.2 months	Yes	Relative movement time deficit in LCVA but not RCVA
No change	Desrosiers ⁴³	Finger to nose	14 RCVA, 29 LCVA	25.1 months	Yes	No difference
	Chleffi ³⁸	Reaching and grasping	1 RCVA	1 year	Yes	NA
	Jeannerod ³⁷	Pointing at target	1 LCVA	~ 7 years	No	NA
	Fisk ²⁶	Point to unpredictable target	11 RHBL, 17 LHBL	NR	Yes	No difference (pattern of movement was similar)
	Trombly ³⁹	Reaching	5 RHBL	16 weeks to 30 weeks	No	NA
Trombly ⁴⁰	Reaching	5 RHBL	9 weeks to 22.3 weeks	No	NA	
<i>Sensory perception</i>						
Decreased	Desrosiers ⁴³	Thumb kinesthesia	14 RCVA, 29 LCVA	25.1 months	Yes	No difference
	Haaland ²⁸	Two-point discrimination of forearm	14 RCVA, 15 LCVA	RCVA = 19.6 months LCVA = 26 months	Yes	No difference
Decreased	Haaland ¹⁸	Two-point discrimination of forearm	9 RCVA, 10 LCVA	~ 5 years	Yes	No difference
	Vaughan ¹⁵	Two-point discrimination	18 RHBL, 17 LHBL	NR	Yes	RHBL deficit but not LHBL
Decreased	Boli ⁴⁶	Tactile perception	30 RHBL, 30 LHBL	NR	No	RHBL more affected than LHBL
	Carmon ⁴⁷	Tactile perception	30 RHBL, 30 LHBL	NR	Yes	RHBL deficit but not LHBL
Decreased	Robertson ⁵²	Material recognition	10 LCVA	24 months	Yes	NA
	Sartor-Glittenberg ⁴⁹	Elbow kinesthesia	13 RCVA, 7 LCVA	NR	Yes	No difference
	Jones ⁴⁵	Joint proprioception	5 RHBL, 3 LHBL	11 days	Yes	NA (too few Ss)
No change	Jones ⁴⁵	Joint proprioception	5 RHBL, 3 LHBL	11 days	Yes	NA (too few Ss)

Table 1 (continued)

Ipsilateral UE sensory-motor control	Author	Variable/task examined	Sample size/lesion/side	Average time post-onset	Control group used	R/L differences
<i>Sensory perception</i>						
No change	Desrosiers ⁴³	Two-point discrimination Touch/pressure	14 RCVA, 29 LCVA	25.1 months	Yes	No difference
	Haaland ²⁸	Two-point discrimination of finger, position sense of finger and forearm	14 RCVA, 15 LCVA	RCVA = 19.6 months LCVA = 26 months	Yes	No difference
	Haaland ¹⁸	Two-point discrimination of finger, position sense of finger and forearm	9 RCVA, 10 LCVA	~ 5 years	Yes	No difference
	Robertson ⁵²	Pressure sensitivity Two-point discrimination Object recognition	10 LCVA	24 months	Yes	NA
	Vaughan ¹⁵	Touch/pressure	18 RHBL, 17 LHBL	NR	Yes	No difference
<i>Strength</i>						
Decreased	Smutok ²²	Grip Pinch	32 RHBL, 19 LHBL	~ 14 years	Yes	RHBL deficit but not LHBL LHBL deficit but not RHBL
	Finlayson ²³	Grip	15 RCVA, 15 RT, 15 RHBL, 15 LCVA, 15 LT, 15 LHBL	NR	No (control values used)	No difference
	Robinson ²⁴	Grip	12 RCVA, 8 LCVA	29 months	Yes	RCVA deficit but not LCVA
	Jones ⁴⁵	Grip Arm	5 RHBL, 3 LHBL	11 days 11 days and 12 months	Yes Yes	NA (too few Ss) NA (too few Ss)
No change	Colebatch ⁵⁴	Arm	16 Unilateral HBL	NR	Yes	NR
	Haaland ³	Grip	10 RCVA, 10 LCVA	~ 5 years	Yes	No difference
	Haaland ¹⁶	Grip	18 RCVA, 25 LCVA	RCVA = 17 months LCVA = 36 months	Yes	No difference
	Haaland ¹⁸	Grip	9 RCVA, 10 LCVA	~ 5 years	Yes	No difference
	Haaland ¹⁹	Grip	17 RCVA, 26 LCVA, 15 R tumor, 14 L tumor	~ 25.4 months NR	Yes	No difference
	Haaland ²⁰	Grip	~ 150 brain tumor	NR	Yes	No difference
	Kimura ¹⁷	Grip	16 RCVA, 29 LCVA (14 aphasic, 15 non-aphasic)	< 1 month (20 Ss) > 1 month (25 Ss)	No	NA
<i>Strength</i>						
No change	Halsband ²¹	Grip	1 LHBL	2 weeks	No	NA
	Desrosiers ⁴³	Grip	14 RCVA, 29 LCVA	25.1 months	Yes	No difference
	Robertson ⁵²	Pinch	10 LCVA	24 months	Yes	NA

Table 1 (continued)

Ipsilateral UE sensory-motor control	Author	Variable/task examined	Sample size/lesion/side	Average time post-onset	Control group used	R/L differences	
<i>Clinical assessments of UE impairment and function</i>							
Deficit	Robertson ⁵²	Jebsen test	10 LCVA	24 months	Yes	NA	
	Jebsen ⁶⁰	Jebsen test	13 RCVA, 14 LCVA	NR	Yes	RCVA deficit in 2 of 7 subtests LCVA deficit in 5 of 7 subtests	
	Spaulding ⁶¹	Jebsen test	27 RCVA, 22 LCVA	NR	Yes	LCVA more affected than RCVA in writing subtest (not compared with control)	
	Desrosiers ⁴³	Pegboard TEMPA Box and block test	14 RCVA, 29 LCVA	25.1 months	Yes	No difference No difference (deficit showed in 2 of 4 tests)	
	Haaland ¹⁸	Pegboard	9 RCVA, 10 LCVA	~ 5 years	Yes	No difference	
	Haaland ¹⁹	Pegboard	17 RCVA, 26 LCVA	~ 25.4 months	Yes	No difference	
	Haaland ²⁰	Pegboard	~ 150 Brain tumor	NR	Yes	LHBL deficit but not RHBL	
	Vaughan ¹⁵	Pegboard	18 RHBL, 17 LHBL	NR	Yes	No difference	
	Smutok ²²	Pegboard	32 RHBD, 19 LHBD	~ 14 years	Yes	No difference	
	Tsai ⁶²	Pegboard MRMT O'Connor finger dexterity O'Connor tweezer dexterity	19 RCVA, 17 LCVA	RCVA = 16.9 months LCVA = 19.7 months	Yes	No difference LCVA more affected than RCVA (trend only) LCVA more affected than RCVA (trend only) LCVA more affected than RCVA (trend only)	
	No deficit	Halsband ²¹	Pegboard	4 RHBL (PMC), 10 LHBL (8 PMC, 2 MI)	< 2 years	Yes	NR

Abbreviations: RCVA, right cerebrovascular accident; LCVA, left cerebrovascular accident; RHBL, right hemisphere brain lesion; LHBL, left hemisphere brain lesion; RT, right traumatic brain injury; LT, left traumatic brain injury; R tumor, right tumor; L tumor, left tumor; MT, movement time; OP, operation; Ss, subjects; S.D., Standard Deviation; TEMPA, Upper Extremity Performance Evaluation Test for the Elderly; MRMT, Minnesota Rate of Manipulation Test; NR, not reported; NA, not applicable.