

CORRIGENDUM

Can spinal cord injury patients show a worsening in ASIA impairment scale classification despite actually having neurological improvement? The limitation of ASIA Impairment Scale Classification

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Since the publication of this paper, the authors have noticed an error in Table 2. The correct table is shown here. The authors apologize for any inconvenience caused.

Table 2 Case example differentiating AIS B from C

	Motor scores		Light touch		Pinprick	
	Right	Left	Right	Left	Right	Left
<i>Initial assessment</i>						
		C2	2	2	2	2
		C3	2	2	2	2
		C4	2	2	2	2
C5	5	5	C5	2	2	2
C6	4	3	C6	1	1	1
C7	3	1	C7	0	0	0
C8	1	0	C8	0	0	0
T1	1	0	T1	0	0	0
Total	14	9	T2	0	0	0
Neurological level						
		T3	0	0	0	0
		T4	0	0	0	0
		T5	0	0	0	0
		T6	0	0	0	0
Motor	C6	C6	T7	0	0	0
Sensory	C5	C5	T8	0	0	0
V.A.C: No			T9	0	0	0
AIS grade: B			T10	0	0	0
			T11	0	0	0
			T12	0	0	0
			L1	0	0	0
L2	0	0	L2	0	0	0
L3	0	0	L3	0	0	0
L4	0	0	L4	0	0	0
L5	0	0	L5	0	0	0
S1	0	0	S1	0	0	0
Total	0	0	S2	0	0	0
Upper limb total: 23			S3	0	0	0
Lower limb total: 0			S4/5	0	0	1
			Total	9	9	9
<i>Second assessment</i>						
		C2	2	2	2	2
		C3	2	2	2	2
		C4	2	2	2	2

Table 2 (Continued)

	Motor scores		Light touch		Pinprick	
	Right	Left	Right	Left	Right	Left
C5	5	5	C5	2	2	2
C6	2	3	C6	1	1	1
C7	3	1	C7	0	0	0
C8	1	0	C8	0	0	0
T1	1	0	T1	0	0	0
			T2	0	0	0
Total	12	9	T3	0	0	0
Neurological level						
			T4	0	0	0
			T5	0	0	0
			T6	0	0	0
Motor	C5	C6	T7	0	0	0
Sensory	C5	C5	T8	0	0	0
V.A.C: No			T9	0	0	0
AIS grade: C			T10	0	0	0
			T11	0	0	0
			T12	0	0	0
			L1	0	0	0
L2	0	0	L2	0	0	0
L3	0	0	L3	0	0	0
L4	0	0	L4	0	0	0
L5	0	0	L5	0	0	0
S1	0	0	S1	0	0	0
Total	0	0	S2	0	0	0
Upper limb total: 21			S3	0	0	0
Lower limb total: 0			S4/5	0	0	1
			Total	9	9	9
						10

Abbreviations: AIS, ASIA impairment scale; VAC, voluntary anal contraction.
Initial assessment: Right motor level: C6, left motor level: C6, sensory sacral sparing: Yes, VAC: No. There is *no sparing* more than three levels below C6 motor level = AIS B.
Second assessment: Motor deterioration at C6 on the right side (from grade 4 to 2); right motor level: C5, left motor level C6, sensory sacral sparing: Yes, VAC: No. There is a *sparing* more than three levels below C5 motor level on the right side = AIS C.
 If we took the initial assessment point as a starting point, motor *deterioration* at C6 level would cause an *improvement* from AIS B to C.
 If we took second assessment point as a starting point, motor *improvement* at C6 level (from grade 2 to at least 3) would cause a *deterioration* from AIS C to B. (Case example is adapted from 'Reference for the 2011 revision of the International Standards for Neurological Classification of Spinal Cord Injury. *J Spinal Cord Med* 2011; 34: 547–554'.)