

# The International Standards for Neurological Classification of Spinal Cord Injury: Classification Workbook

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In this workbook, we present 26 practice cases. Detailed explanations for the correct classifications can be found here. These cases reinforce important ISNCSCI rules and definitions. Potentially challenging concepts from the 2019 ISNCSCI update, including revised definitions of the ZPPs and documentation of non-SCI conditions, are also reviewed.

CASES

Case 1

RIGHT		MOTOR KEY MUSCLES	SENSORY KEY SENSORY POINTS		SENSORY KEY SENSORY POINTS		MOTOR KEY MUSCLES	LEFT	
			Light Touch (LTR)	Pin Prick (PPR)	Light Touch (LTL)	Pin Prick (PPL)			
			C2	2	2	2	2	C2	
			C3	2	2	2	2	C3	
			C4	2	2	2	2	C4	
		Elbow flexors	C5	5	2	2	2	5	C5 Elbow flexors
		Wrist extensors	C6	4	2	1	3	3	C6 Wrist extensors
<b>UER</b> (Upper Extremity Right)		Elbow extensors	C7	3	0	1	0	0	C7 Elbow extensors
		Finger flexors	C8	0	0	0	0	0	C8 Finger flexors
		Finger abductors (little finger)	T1	0	0	0	0	0	T1 Finger abductors (little finger)
			T2	0	0	0	0	0	
			T3	0	0	0	0	0	
			T4	0	0	0	0	0	
			T5	0	0	0	0	0	
			T6	0	0	0	0	0	
			T7	0	0	0	0	0	
			T8	0	0	0	0	0	
			T9	0	0	0	0	0	
			T10	0	0	0	0	0	
			T11	0	0	0	0	0	
			T12	0	0	0	0	0	
			L1	0	0	0	0	0	
		Hip flexors	L2	0	0	0	0	0	L2 Hip flexors
		Knee extensors	L3	0	0	0	0	0	L3 Knee extensors
<b>LER</b> (Lower Extremity Right)		Ankle dorsiflexors	L4	0	0	0	0	0	L4 Ankle dorsiflexors
		Long toe extensors	L5	0	0	0	0	0	L5 Long toe extensors
		Ankle plantar flexors	S1	0	0	0	0	0	S1 Ankle plantar flexors
			S2	0	0	0	0	0	
			S3	0	0	0	0	0	
			S4-5	0	0	0	0	0	

**Comments** (Non-key Muscle? Reason for NT? Pain? Non-SCI condition?):

**MOTOR (SCORING ON REVERSE SIDE)**

0 = Total paralysis  
 1 = Palpable or visible contraction  
 2 = Active movement, gravity eliminated  
 3 = Active movement, against gravity  
 4 = Active movement, against some resistance  
 5 = Active movement, against full resistance  
 NT = Not testable  
 0\*, 1\*, 2\*, 3\*, 4\*, NT\* = Non-SCI condition present

**SENSORY (SCORING ON REVERSE SIDE)**

0 = Absent  
 1 = Altered  
 2 = Normal  
 NT = Not testable  
 0\*, 1\*, NT\* = Non-SCI condition present

(VAC) Voluntary Anal Contraction (Yes/No)  No

(DAP) Deep Anal Pressure (Yes/No)  No

<b>NEUROLOGICAL LEVELS</b> <small>Steps 1-6 for classification as on reverse</small>		<b>R</b>	<b>L</b>							
	1. SENSORY	<input type="text"/>	<input type="text"/>	3. NEUROLOGICAL LEVEL OF INJURY (NLI)	<input type="text"/>	4. COMPLETE OR INCOMPLETE? (In injuries with absent motor OR sensory function in S4-5 only)	<input type="text"/>	6. ZONE OF PARTIAL PRESERVATION (Most caudal levels with any innervation)	SENSORY	<input type="text"/>
2. MOTOR	<input type="text"/>	<input type="text"/>				5. ASIA IMPAIRMENT SCALE (AIS)	<input type="text"/>	MOTOR	<input type="text"/>	<input type="text"/>

Case 2

RIGHT		MOTOR KEY MUSCLES	SENSORY KEY SENSORY POINTS		SENSORY KEY SENSORY POINTS		MOTOR KEY MUSCLES	LEFT	
			Light Touch (LTR)	Pin Prick (PPR)	Light Touch (LTL)	Pin Prick (PPL)			
			C2	2	2	2	2	C2	
			C3	2	2	2	2	C3	
			C4	2	2	2	2	C4	
		Elbow flexors	C5	5	2	2	2	C5	Elbow flexors
		Wrist extensors	C6	5	2	2	2	C6	Wrist extensors
		Elbow extensors	C7	5	2	2	2	C7	Elbow extensors
		Finger flexors	C8	5	2	2	2	C8	Finger flexors
		Finger abductors (little finger)	T1	5	2	2	2	T1	Finger abductors (little finger)
			T2	2	2	2	2	T2	
			T3	2	2	2	2	T3	
			T4	1	1	1	1	T4	
			T5	1	1	1	1	T5	
			T6	1	1	1	1	T6	
			T7	1	1	1	1	T7	
			T8	1	1	1	1	T8	
			T9	1	1	1	1	T9	
			T10	0	1	0	0	T10	
			T11	0	1	0	0	T11	
			T12	0	1	0	0	T12	
			L1	0	0	0	0	L1	
		Hip flexors	L2	0	0	0	0	L2	Hip flexors
		Knee extensors	L3	0	0	0	0	L3	Knee extensors
		Ankle dorsiflexors	L4	0	0	0	0	L4	Ankle dorsiflexors
		Long toe extensors	L5	0	0	0	0	L5	Long toe extensors
		Ankle plantar flexors	S1	0	0	0	0	S1	Ankle plantar flexors
			S2	0	0	0	0	S2	
			S3	0	0	0	0	S3	
			S4-5	0	0	0	0	S4-5	

**UER**  
(Upper Extremity Right)

**LER**  
(Lower Extremity Right)

(VAC) Voluntary Anal Contraction (Yes/No)  No

• Key Sensory Points

**UEL**  
(Upper Extremity Left)

**LEL**  
(Lower Extremity Left)

(DAP) Deep Anal Pressure (Yes/No)  No

**Comments** (Non-key Muscle? Reason for NT? Pain? Non-SCI condition?):

**MOTOR (SCORING ON REVERSE SIDE)**

0 = Total paralysis  
 1 = Palpable or visible contraction  
 2 = Active movement, gravity eliminated  
 3 = Active movement, against gravity  
 4 = Active movement, against some resistance  
 5 = Active movement, against full resistance  
 NT = Not testable  
 0\*, 1\*, 2\*, 3\*, 4\*, NT\* = Non-SCI condition present

**SENSORY (SCORING ON REVERSE SIDE)**

0 = Absent      NT = Not testable  
 1 = Altered      0\*, 1\*, NT\* = Non-SCI condition present  
 2 = Normal

<b>NEUROLOGICAL LEVELS</b> Steps 1-6 for classification as on reverse		R	L							
	1. SENSORY	<input type="checkbox"/>	<input type="checkbox"/>	3. NEUROLOGICAL LEVEL OF INJURY (NLI)	<input type="checkbox"/>	4. COMPLETE OR INCOMPLETE?	<input type="checkbox"/>	6. ZONE OF PARTIAL PRESERVATION	SENSORY	<input type="checkbox"/>
2. MOTOR	<input type="checkbox"/>	<input type="checkbox"/>	5. ASIA IMPAIRMENT SCALE (AIS)	<input type="checkbox"/>	6. ZONE OF PARTIAL PRESERVATION	MOTOR	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Case 3

## RIGHT

**UER**  
(Upper Extremity Right)

**LER**  
(Lower Extremity Right)

(VAC) Voluntary Anal Contraction (Yes/No)

**MOTOR KEY MUSCLES**

Elbow flexors C5

Wrist extensors C6

Elbow extensors C7

Finger flexors C8

Finger abductors (little finger) T1

Hip flexors L2

Knee extensors L3

Ankle dorsiflexors L4

Long toe extensors L5

Ankle plantar flexors S1

**SENSORY KEY SENSORY POINTS**

Light Touch (LTR) Pin Prick (PPR)

C2	2	2
C3	2	2
C4	2	2
C5	2	2
C6	2	2
C7	1	0
C8	0	0
T1	0	0
T2	0	0
T3	0	0
T4	0	0
T5	0	0
T6	0	0
T7	0	0
T8	0	0
T9	0	0
T10	0	0
T11	0	0
T12	0	0
L1	0	0
L2	0	0
L3	0	0
L4	0	0
L5	0	0
S1	0	0
S2	0	0
S3	0	0
S4-5	0	0

• Key Sensory Points

**SENSORY KEY SENSORY POINTS**

Light Touch (LTL) Pin Prick (PPL)

C2	2	2
C3	2	2
C4	2	2
C5	2	2
C6	2	2
C7	2	1
C8	0	1
T1	0	0
T2	0	0
T3	0	0
T4	0	0
T5	0	0
T6	0	0
T7	0	0
T8	0	0
T9	0	0
T10	0	0
T11	0	0
T12	0	0
L1	0	0
L2	0	0
L3	0	0
L4	0	0
L5	0	0
S1	0	0
S2	0	0
S3	1	1
S4-5	1	1

## LEFT

**UEL**  
(Upper Extremity Left)

**LEL**  
(Lower Extremity Left)

(DAP) Deep Anal Pressure (Yes/No)

**Comments** (Non-key Muscle? Reason for NT? Pain? Non-SCI condition?):

**MOTOR (SCORING ON REVERSE SIDE)**

0 = Total paralysis  
 1 = Palpable or visible contraction  
 2 = Active movement, gravity eliminated  
 3 = Active movement, against gravity  
 4 = Active movement, against some resistance  
 5 = Active movement, against full resistance  
 NT = Not testable  
 0\*, 1\*, 2\*, 3\*, 4\*, NT\* = Non-SCI condition present

**SENSORY (SCORING ON REVERSE SIDE)**

0 = Absent NT = Not testable  
 1 = Altered 0\*, 1\*, NT\* = Non-SCI condition present  
 2 = Normal

<p><b>NEUROLOGICAL LEVELS</b> Steps 1-6 for classification as on reverse</p> <p>1. SENSORY <input type="text" value="R"/> <input type="text" value="L"/></p> <p>2. MOTOR <input type="text" value="R"/> <input type="text" value="L"/></p>	<p>3. NEUROLOGICAL LEVEL OF INJURY (NLI) <input style="width: 50px;" type="text"/></p>	<p>4. COMPLETE OR INCOMPLETE? <input type="text" value=""/>                  Incomplete = Any sensory or motor function in S4-5</p> <p>5. ASIA IMPAIRMENT SCALE (AIS) <input style="width: 50px;" type="text"/></p>	<p>6. ZONE OF PARTIAL PRESERVATION <input type="text" value=""/>                  Most caudal levels with any innervation</p> <p>SENSORY <input type="text" value="R"/> <input type="text" value="L"/></p> <p>MOTOR <input type="text" value="R"/> <input type="text" value="L"/></p>
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Case 4

RIGHT		MOTOR KEY MUSCLES	SENSORY KEY SENSORY POINTS		SENSORY KEY SENSORY POINTS		MOTOR KEY MUSCLES	LEFT	
			Light Touch (LTR)	Pin Prick (PPR)	Light Touch (LTL)	Pin Prick (PPL)			
			C2	2	2	C2	2		
			C3	2	2	C3	2		
			C4	2	2	C4	2		
		Elbow flexors	C5	5	2	C5	5	Elbow flexors	
		Wrist extensors	C6	4	1	C6	3	Wrist extensors	
		Elbow extensors	C7	3	1	C7	3	Elbow extensors	
		Finger flexors	C8	2	1	C8	2	Finger flexors	
		Finger abductors (little finger)	T1	1	1	T1	1	Finger abductors (little finger)	
			T2	1	1	T2			
			T3	1	1	T3			
			T4	1	1	T4			
			T5	1	1	T5			
			T6	1	1	T6			
			T7	1	1	T7			
			T8	1	1	T8			
			T9	1	1	T9			
			T10	1	1	T10			
			T11	1	1	T11			
			T12	1	1	T12			
			L1	1	1	L1			
		Hip flexors	L2	3	1	L2	4	Hip flexors	
		Knee extensors	L3	4	1	L3	4	Knee extensors	
		Ankle dorsiflexors	L4	2	1	L4	3	Ankle dorsiflexors	
		Long toe extensors	L5	2	1	L5	2	Long toe extensors	
		Ankle plantar flexors	S1	2	1	S1	2	Ankle plantar flexors	
			S2	1	1	S2			
			S3	1	1	S3			
			S4-5	1	1	S4-5			

**UER**  
(Upper Extremity Right)

**LER**  
(Lower Extremity Right)

(VAC) Voluntary Anal Contraction (Yes/No)  Yes

**UEL**  
(Upper Extremity Left)

**LEL**  
(Lower Extremity Left)

(DAP) Deep Anal Pressure (Yes/No)  Yes

**Comments** (Non-key Muscle? Reason for NT? Pain? Non-SCI condition?):

**MOTOR (SCORING ON REVERSE SIDE)**

0 = Total paralysis  
 1 = Palpable or visible contraction  
 2 = Active movement, gravity eliminated  
 3 = Active movement, against gravity  
 4 = Active movement, against some resistance  
 5 = Active movement, against full resistance  
 NT = Not testable  
 0\*, 1\*, 2\*, 3\*, 4\*, NT\* = Non-SCI condition present

**SENSORY (SCORING ON REVERSE SIDE)**

0 = Absent  
 1 = Altered  
 2 = Normal  
 NT = Not testable  
 0\*, 1\*, NT\* = Non-SCI condition present

<b>NEUROLOGICAL LEVELS</b> Steps 1- 6 for classification as on reverse	R	L									
	1. SENSORY	<input type="text"/>	<input type="text"/>	3. NEUROLOGICAL LEVEL OF INJURY (NLI)	<input type="text"/>	4. COMPLETE OR INCOMPLETE?	<input type="text"/>	(In injuries with absent motor OR sensory function in S4-5 only)	R	L	
	2. MOTOR	<input type="text"/>	(Incomplete = Any sensory or motor function in S4-5)	5. ASIA IMPAIRMENT SCALE (AIS)	<input type="text"/>	6. ZONE OF PARTIAL PRESERVATION	<input type="text"/>	Most caudal levels with any innervation	SENSORY	<input type="text"/>	<input type="text"/>
									MOTOR	<input type="text"/>	<input type="text"/>



Case 5

RIGHT		MOTOR KEY MUSCLES	SENSORY KEY SENSORY POINTS		SENSORY KEY SENSORY POINTS		MOTOR KEY MUSCLES	LEFT	
			Light Touch (LTR)	Pin Prick (PPR)	Light Touch (LTL)	Pin Prick (PPL)			
			C2	2	2	C2			
			C3	2	2	C3			
			C4	2	2	C4			
		Elbow flexors	C5	4	2	C5	Elbow flexors		
UER		Wrist extensors	C6	5	2	C6	Wrist extensors	UEL	
(Upper Extremity Right)		Elbow extensors	C7	4	2	C7	Elbow extensors	(Upper Extremity Left)	
		Finger flexors	C8	5	2	C8	Finger flexors		
		Finger abductors (little finger)	T1	5	2	T1	Finger abductors (little finger)		
<p>Comments (Non-key Muscle? Reason for NT? Pain? Non-SCI condition?):</p>			T2	2	2	T2			
			T3	2	2	T3			
			T4	2	2	T4			
			T5	2	2	T5			
			T6	2	2	T6			
			T7	1	1	T7			
			T8	1	0	T8			
			T9	0	0	T9			
			T10	1	0	T10			
			T11	1	0	T11			
			T12	1	0	T12			
						L1	0	0	L1
		Hip flexors	L2	3	1	L2	Hip flexors		
LER		Knee extensors	L3	3	0	L3	Knee extensors	LEL	
(Lower Extremity Right)		Ankle dorsiflexors	L4	2	0	L4	Ankle dorsiflexors	(Lower Extremity Left)	
		Long toe extensors	L5	0	1	L5	Long toe extensors		
		Ankle plantar flexors	S1	0	1	S1	Ankle plantar flexors		
			S2	1	0	S2			
			S3	1	0	S3			
			S4-5	1	0	S4-5			
(VAC) Voluntary Anal Contraction (Yes/No)									

0 = Total paralysis  
 1 = Palpable or visible contraction  
 2 = Active movement, gravity eliminated  
 3 = Active movement, against gravity  
 4 = Active movement, against some resistance  
 5 = Active movement, against full resistance  
 NT = Not testable  
 0\*, 1\*, 2\*, 3\*, 4\*, NT\* = Non-SCI condition present

0 = Absent  
 1 = Altered  
 2 = Normal  
 NT = Not testable  
 0\*, 1\*, NT\* = Non-SCI condition present

(DAP) Deep Anal Pressure (Yes/No)  No

<b>NEUROLOGICAL LEVELS</b> <small>Steps 1-6 for classification as on reverse</small>	R	L					
	1. SENSORY	<input type="text"/>	<input type="text"/>	3. NEUROLOGICAL LEVEL OF INJURY (NLI)	<input type="text"/>	4. COMPLETE OR INCOMPLETE? (In injuries with absent motor OR sensory function in S4-5 only)	<input type="text"/>
	2. MOTOR	<input type="text"/>	<input type="text"/>	5. ASIA IMPAIRMENT SCALE (AIS)	<input type="text"/>	6. ZONE OF PARTIAL PRESERVATION (Most caudal levels with any innervation)	SENSORY
							MOTOR
							<input type="text"/>
							<input type="text"/>

Case 6

RIGHT		MOTOR KEY MUSCLES	SENSORY KEY SENSORY POINTS		SENSORY KEY SENSORY POINTS		MOTOR KEY MUSCLES	LEFT	
			Light Touch (LTR)	Pin Prick (PPR)	Light Touch (LTL)	Pin Prick (PPL)			
			C2	2	2	C2			
			C3	2	2	C3			
			C4	2	2	C4			
		Elbow flexors	C5	5	2	C5	5	Elbow flexors	
UER		Wrist extensors	C6	5	2	C6	5	Wrist extensors	UEL
(Upper Extremity Right)		Elbow extensors	C7	5	2	C7	5	Elbow extensors	(Upper Extremity Left)
		Finger flexors	C8	5	2	C8	5	Finger flexors	
		Finger abductors (little finger)	T1	5	2	T1	5	Finger abductors (little finger)	
<p>Comments (Non-key Muscle? Reason for NT? Pain? Non-SCI condition?):</p>			T2	2	2	T2	2		
			T3	2	2	T3	2		
			T4	2	2	T4	2		
			T5	2	2	T5	2		
			T6	2	2	T6	2		
			T7	2	2	T7	2		
			T8	2	2	T8	2		
			T9	2	2	T9	2		
			T10	2	2	T10	2		
			T11	2	2	T11	2		
			T12	2	2	T12	2		
					Hip flexors	L2	3	1	L2
LER		Knee extensors	L3	1	1	L3	1	Knee extensors	
(Lower Extremity Right)		Ankle dorsiflexors	L4	1	1	L4	0	Ankle dorsiflexors	LEL
		Long toe extensors	L5	0	1	L5	0	Long toe extensors	(Lower Extremity Left)
		Ankle plantar flexors	S1	0	1	S1	0	Ankle plantar flexors	
			S2	1	1	S2			
			S3	1	1	S3			
			S4-5	1	1	S4-5			
(VAC) Voluntary Anal Contraction									
(Yes/No)							Yes	(DAP) Deep Anal Pressure	
							(Yes/No)		

<b>NEUROLOGICAL LEVELS</b> Steps 1- 6 for classification as on reverse	1. SENSORY	R	L	<b>3. NEUROLOGICAL LEVEL OF INJURY (NLI)</b> <input type="text"/>	<b>4. COMPLETE OR INCOMPLETE?</b> Incomplete = Any sensory or motor function in S4-5 <input type="text"/>	(In injuries with absent motor OR sensory function in S4-5 only)	<b>6. ZONE OF PARTIAL PRESERVATION</b> Most caudal levels with any innervation	R	L	
	2. MOTOR							SENSORY		
								MOTOR		

Case 7

RIGHT		MOTOR KEY MUSCLES	SENSORY KEY SENSORY POINTS		SENSORY KEY SENSORY POINTS		MOTOR KEY MUSCLES	LEFT	
			Light Touch (LTR)	Pin Prick (PPR)	Light Touch (LTL)	Pin Prick (PPL)			
			C2	2	2	2	2	C2	
			C3	2	2	2	2	C3	
			C4	2	2	2	2	C4	
		Elbow flexors	C5	2	2	2	3	C5	Elbow flexors
UER		Wrist extensors	C6	1	1	1	0	C6	Wrist extensors
(Upper Extremity Right)		Elbow extensors	C7	0	0	0	0	C7	Elbow extensors
		Finger flexors	C8	0	0	0	0	C8	Finger flexors
		Finger abductors (little finger)	T1	0	0	0	0	T1	Finger abductors (little finger)
			T2	0	0	0	0	T2	
			T3	0	0	0	0	T3	
			T4	0	0	0	0	T4	
			T5	0	0	0	0	T5	
			T6	0	0	0	0	T6	
			T7	0	0	0	0	T7	
			T8	0	0	0	0	T8	
			T9	0	0	0	0	T9	
			T10	0	0	0	0	T10	
			T11	0	0	0	0	T11	
			T12	0	0	0	0	T12	
			L1	0	0	0	0	L1	
		Hip flexors	L2	0	0	0	0	L2	Hip flexors
LER		Knee extensors	L3	0	0	0	0	L3	Knee extensors
(Lower Extremity Right)		Ankle dorsiflexors	L4	0	0	0	0	L4	Ankle dorsiflexors
		Long toe extensors	L5	0	0	0	0	L5	Long toe extensors
		Ankle plantar flexors	S1	0	0	0	0	S1	Ankle plantar flexors
			S2	0	0	0	0	S2	
			S3	0	0	0	0	S3	
			S4-5	0	0	0	0	S4-5	
(VAC) Voluntary Anal Contraction (Yes/No)		<input type="checkbox"/> No							(DAP) Deep Anal Pressure (Yes/No)
		<input type="checkbox"/> No							<input type="checkbox"/> No

Comments (Non-key Muscle? Reason for NT? Pain? Non-SCI condition?):

**MOTOR (SCORING ON REVERSE SIDE)**

0 = Total paralysis  
 1 = Palpable or visible contraction  
 2 = Active movement, gravity eliminated  
 3 = Active movement, against gravity  
 4 = Active movement, against some resistance  
 5 = Active movement, against full resistance  
 NT = Not testable  
 0\*, 1\*, 2\*, 3\*, 4\*, NT\* = Non-SCI condition present

**SENSORY (SCORING ON REVERSE SIDE)**

0 = Absent      NT = Not testable  
 1 = Altered      0\*, 1\*, NT\* = Non-SCI condition present  
 2 = Normal

<b>NEUROLOGICAL LEVELS</b> <small>Steps 1-6 for classification as on reverse</small>	R	L											
	1. SENSORY	<input type="text"/>	<input type="text"/>	3. NEUROLOGICAL LEVEL OF INJURY (NLI)	<input type="text"/>	4. COMPLETE OR INCOMPLETE? <small>(In injuries with absent motor OR sensory function in S4-5 only)</small>	<input type="text"/>						
	2. MOTOR	<input type="text"/>	<input type="text"/>			5. ASIA IMPAIRMENT SCALE (AIS)	<input type="text"/>						
						6. ZONE OF PARTIAL PRESERVATION <small>Most caudal levels with any innervation</small>	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;">SENSORY</td> <td style="text-align: center;">R</td> <td style="text-align: center;">L</td> </tr> <tr> <td style="text-align: center;">MOTOR</td> <td style="text-align: center;"><input type="text"/></td> <td style="text-align: center;"><input type="text"/></td> </tr> </table>	SENSORY	R	L	MOTOR	<input type="text"/>	<input type="text"/>
SENSORY	R	L											
MOTOR	<input type="text"/>	<input type="text"/>											

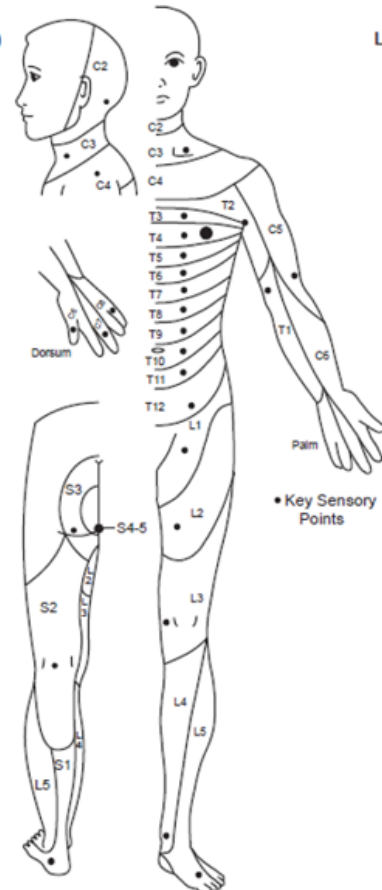






Case 10

RIGHT		MOTOR KEY MUSCLES	SENSORY KEY SENSORY POINTS		SENSORY KEY SENSORY POINTS		MOTOR KEY MUSCLES	LEFT	
			Light Touch (LTR)	Pin Prick (PPR)	Light Touch (LTL)	Pin Prick (PPL)			
			C2	2	2	C2			
			C3	2	2	C3			
			C4	2	2	C4			
	Elbow flexors	C5	5	2	2	5	C5	Elbow flexors	
UER	Wrist extensors	C6	5	2	2	5	C6	Wrist extensors	UEL
(Upper Extremity Right)	Elbow extensors	C7	5	2	2	5	C7	Elbow extensors	(Upper Extremity Left)
	Finger flexors	C8	5	2	2	5	C8	Finger flexors	
	Finger abductors (little finger)	T1	5	2	2	5	T1	Finger abductors (little finger)	
Comments (Non-key Muscle? Reason for NT? Pain? Non-SCI condition?):			T2	2	2	T2			
			T3	2	2	T3			
			T4	2	2	T4			
			T5	2	2	T5			
			T6	2	2	T6			
			T7	2	2	T7			
			T8	2	2	T8			
			T9	2	2	T9			
			T10	2	2	T10			
			T11	2	2	T11			
			T12	2	2	T12			
				Hip flexors	L2	5	2	2	5
LER	Knee extensors	L3	5	2	2	5	L3	Knee extensors	
(Lower Extremity Right)	Ankle dorsiflexors	L4	4	1	1	3	L4	Ankle dorsiflexors	LEL
	Long toe extensors	L5	2	1	1	2	L5	Long toe extensors	(Lower Extremity Left)
	Ankle plantar flexors	S1	0	1	1	0	S1	Ankle plantar flexors	
		S2	1	1	1	1	S2		
		S3	0	0	0	0	S3		
(VAC) Voluntary Anal Contraction (Yes/No)	<input checked="" type="checkbox"/> Yes	S4-5	0	0	0	0	S4-5	<input type="checkbox"/> No	(DAP) Deep Anal Pressure (Yes/No)



**MOTOR (SCORING ON REVERSE SIDE)**

0 = Total paralysis  
 1 = Palpable or visible contraction  
 2 = Active movement, gravity eliminated  
 3 = Active movement, against gravity  
 4 = Active movement, against some resistance  
 5 = Active movement, against full resistance  
 NT = Not testable  
 0\*, 1\*, 2\*, 3\*, 4\*, NT\* = Non-SCI condition present

**SENSORY (SCORING ON REVERSE SIDE)**

0 = Absent NT = Not testable  
 1 = Altered 0\*, 1\*, NT\* = Non-SCI condition present  
 2 = Normal

<b>NEUROLOGICAL LEVELS</b> Steps 1-6 for classification as on reverse	1. SENSORY	R	L	3. NEUROLOGICAL LEVEL OF INJURY (NLI)		4. COMPLETE OR INCOMPLETE? (In injuries with absent motor OR sensory function in S4-5 only)		6. ZONE OF PARTIAL PRESERVATION (Most caudal levels with any innervation)	SENSORY	R	L
	2. MOTOR							MOTOR			

Case 11

RIGHT		MOTOR KEY MUSCLES	SENSORY KEY SENSORY POINTS		SENSORY KEY SENSORY POINTS		MOTOR KEY MUSCLES	LEFT	
			Light Touch (LTR)	Pin Prick (PPR)	Light Touch (LTL)	Pin Prick (PPL)			
			C2	2	2	C2			
			C3	2	2	C3			
			C4	2	2	C4			
		Elbow flexors	C5	5	2	C5	5	C5 Elbow flexors	
		Wrist extensors	C6	5	2	C6	5	C6 Wrist extensors	
UER (Upper Extremity Right)		Elbow extensors	C7	5	2	C7	5	C7 Elbow extensors	
		Finger flexors	C8	5	2	C8	5	C8 Finger flexors	
		Finger abductors (little finger)	T1	5	2	T1	5	T1 Finger abductors (little finger)	
<p><b>Comments</b> (Non-key Muscle? Reason for NT? Pain? Non-SCI condition?):</p>			T2	2	2	T2			
			T3	2	2	T3			
			T4	2	2	T4			
			T5	2	2	T5			
			T6	2	2	T6			
			T7	2	2	T7			
			T8	2	2	T8			
			T9	2	2	T9			
			T10	2	2	T10			
			T11	2	2	T11			
			T12	1	1	T12			
			L1	1	0	L1			
		Hip flexors	L2	1	0	L2	1	L2 Hip flexors	
		Knee extensors	L3	0	0	L3	0	L3 Knee extensors	
LER (Lower Extremity Right)		Ankle dorsiflexors	L4	0	0	L4	0	L4 Ankle dorsiflexors	
		Long toe extensors	L5	0	0	L5	0	L5 Long toe extensors	
		Ankle plantar flexors	S1	0	0	S1	0	S1 Ankle plantar flexors	
			S2	1	0	S2			
			S3	1	1	S3			
(VAC) Voluntary Anal Contraction			S4-5	1	1	S4-5			
		(Yes/No) <input type="checkbox"/> No							

**MOTOR (SCORING ON REVERSE SIDE)**

0 = Total paralysis  
 1 = Palpable or visible contraction  
 2 = Active movement, gravity eliminated  
 3 = Active movement, against gravity  
 4 = Active movement, against some resistance  
 5 = Active movement, against full resistance  
 NT = Not testable  
 0\*, 1\*, 2\*, 3\*, 4\*, NT\* = Non-SCI condition present

**SENSORY (SCORING ON REVERSE SIDE)**

0 = Absent      NT = Not testable  
 1 = Altered      0\*, 1\*, NT\* = Non-SCI condition present  
 2 = Normal

<b>NEUROLOGICAL LEVELS</b> <small>Steps 1-6 for classification as on reverse</small>		<b>R</b>	<b>L</b>																
	1. SENSORY	<input type="checkbox"/>	<input type="checkbox"/>	2. MOTOR	<input type="checkbox"/>	<input type="checkbox"/>	3. NEUROLOGICAL LEVEL OF INJURY (NLI)	<input type="text"/>	4. COMPLETE OR INCOMPLETE? <input type="checkbox"/>	<small>(In injuries with absent motor OR sensory function in S4-5 only)</small>	5. ASIA IMPAIRMENT SCALE (AIS)	<input type="text"/>	6. ZONE OF PARTIAL PRESERVATION <input type="text"/>	<small>Most caudal levels with any innervation</small>	SENSORY	<input type="checkbox"/>	<input type="checkbox"/>	MOTOR	<input type="checkbox"/>

Case 12

RIGHT		MOTOR KEY MUSCLES	SENSORY KEY SENSORY POINTS		SENSORY KEY SENSORY POINTS		MOTOR KEY MUSCLES	LEFT	
			Light Touch (LTR)	Pin Prick (PPR)	Light Touch (LTL)	Pin Prick (PPL)			
			C2	2	2	2	2	C2	
			C3	2	2	2	2	C3	
			C4	2	2	1	1	C4	
UER (Upper Extremity Right)	Elbow flexors	C5	3	1	1	1	1	3	C5 Elbow flexors
	Wrist extensors	C6	2	1	1	1	1	1	C6 Wrist extensors
	Elbow extensors	C7	1	0	1	1	1	1	C7 Elbow extensors
	Finger flexors	C8	0	0	1	1	0	0	C8 Finger flexors
	Finger abductors (little finger)	T1	0	1	0	1	0	0	T1 Finger abductors (little finger)
<b>Comments</b> (Non-key Muscle? Reason for NT? Pain? Non-SCI condition?):			T2	1	0	1	1	T2	
			T3	1	0	0	0	T3	
			T4	1	0	1	0	T4	
			T5	1	0	1	0	T5	
			T6	1	0	1	0	T6	
			T7	1	0	1	0	T7	
			T8	1	0	1	0	T8	
			T9	1	0	1	0	T9	
			T10	1	0	1	0	T10	
			T11	1	0	1	0	T11	
			T12	1	0	1	0	T12	
			L1	1	0	1	0	L1	
LER (Lower Extremity Right)	Hip flexors	L2	0	1	0	0	0	L2 Hip flexors	
	Knee extensors	L3	0	0	0	0	0	L3 Knee extensors	
	Ankle dorsiflexors	L4	0	0	0	0	0	L4 Ankle dorsiflexors	
	Long toe extensors	L5	0	1	0	0	0	L5 Long toe extensors	
	Ankle plantar flexors	S1	0	1	0	0	0	S1 Ankle plantar flexors	
			S2	1	0	1	0	S2	
			S3	1	0	1	0	S3	
			S4-5	1	0	1	0	S4-5	
(VAC) Voluntary Anal Contraction (Yes/No)	<input type="text" value="No"/>								

**MOTOR (SCORING ON REVERSE SIDE)**

0 = Total paralysis  
 1 = Palpable or visible contraction  
 2 = Active movement, gravity eliminated  
 3 = Active movement, against gravity  
 4 = Active movement, against some resistance  
 5 = Active movement, against full resistance  
 NT = Not testable  
 0\*, 1\*, 2\*, 3\*, 4\*, NT\* = Non-SCI condition present

**SENSORY (SCORING ON REVERSE SIDE)**

0 = Absent      NT = Not testable  
 1 = Altered    0\*, 1\*, NT\* = Non-SCI condition present  
 2 = Normal

<b>NEUROLOGICAL LEVELS</b> <small>Steps 1-6 for classification as on reverse</small>	<b>R</b>	<b>L</b>												
	1. SENSORY	<input type="text"/>	<input type="text"/>	3. NEUROLOGICAL LEVEL OF INJURY (NLI)	<input type="text"/>	4. COMPLETE OR INCOMPLETE? (In injuries with absent motor OR sensory function in S4-5 only)	<input type="text"/>	6. ZONE OF PARTIAL PRESERVATION	<table style="display: inline-table; border: none;"> <tr> <td style="text-align: center;">SENSORY</td> <td style="text-align: center;"><input type="text"/></td> <td style="text-align: center;"><input type="text"/></td> </tr> <tr> <td style="text-align: center;">MOTOR</td> <td style="text-align: center;"><input type="text"/></td> <td style="text-align: center;"><input type="text"/></td> </tr> </table>	SENSORY	<input type="text"/>	<input type="text"/>	MOTOR	<input type="text"/>
SENSORY	<input type="text"/>	<input type="text"/>												
MOTOR	<input type="text"/>	<input type="text"/>												
	2. MOTOR	<input type="text"/>	5. ASIA IMPAIRMENT SCALE (AIS)	<input type="text"/>	Incomplete = Any sensory or motor function in S4-5	Most caudal levels with any innervation								



Case 13

## RIGHT

**UER**  
(Upper Extremity Right)

**LER**  
(Lower Extremity Right)

(VAC) Voluntary Anal Contraction (Yes/No)  No

**MOTOR KEY MUSCLES**

Elbow flexors C5  
Wrist extensors C6  
Elbow extensors C7  
Finger flexors C8  
Finger abductors (little finger) T1

Hip flexors L2  
Knee extensors L3  
Ankle dorsiflexors L4  
Long toe extensors L5  
Ankle plantar flexors S1

**SENSORY KEY SENSORY POINTS**

Light Touch (LTR) Pin Prick (PPR)

Level	Light Touch (LTR)	Pin Prick (PPR)
C2	2	2
C3	2	2
C4	2	2
C5	5	2
C6	5	2
C7	5	2
C8	5	2
T1	5	2
T2	2	2
T3	2	2
T4	2	2
T5	2	2
T6	2	2
T7	2	2
T8	2	2
T9	2	2
T10	2	2
T11	2	2
T12	1	0
L1	1	0
L2	0	0
L3	0	0
L4	0	0
L5	0	0
S1	0	0
S2	0	0
S3	0	0
S4-5	0	0

• Key Sensory Points

## LEFT

**UEL**  
(Upper Extremity Left)

**LEL**  
(Lower Extremity Left)

(DAP) Deep Anal Pressure (Yes/No)  Yes

**Comments** (Non-key Muscle? Reason for NT? Pain? Non-SCI condition?):

Trace hip external rotation (considered L3 myotome) present on the left.

**MOTOR (SCORING ON REVERSE SIDE)**

0 = Total paralysis  
1 = Palpable or visible contraction  
2 = Active movement, gravity eliminated  
3 = Active movement, against gravity  
4 = Active movement, against some resistance  
5 = Active movement, against full resistance  
NT = Not testable  
0\*, 1\*, 2\*, 3\*, 4\*, NT\* = Non-SCI condition present

**SENSORY (SCORING ON REVERSE SIDE)**

0 = Absent      NT = Not testable  
1 = Altered      0\*, 1\*, NT\* = Non-SCI condition present  
2 = Normal

<b>NEUROLOGICAL LEVELS</b> Steps 1- 6 for classification as on reverse	R	L	<b>3. NEUROLOGICAL LEVEL OF INJURY (NLI)</b> <input style="width: 100%;" type="text"/>	<b>4. COMPLETE OR INCOMPLETE?</b> <input style="width: 100%;" type="text"/> (In injuries with absent motor OR sensory function in S4-5 only) Incomplete = Any sensory or motor function in S4-5	<b>6. ZONE OF PARTIAL PRESERVATION</b> Most caudal levels with any innervation	R	L
	1. SENSORY <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> 2. MOTOR <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>	SENSORY <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> MOTOR <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>					

Case 14

RIGHT		MOTOR KEY MUSCLES	SENSORY KEY SENSORY POINTS		SENSORY KEY SENSORY POINTS		MOTOR KEY MUSCLES	LEFT	
			Light Touch (LTR)	Pin Prick (PPR)	Light Touch (LTL)	Pin Prick (PPL)			
			C2	1	1	C2			
			C3	1	1	C3			
			C4	1	1	C4			
		Elbow flexors	C5	2	0	C5	0	0	C5 Elbow flexors
UER		Wrist extensors	C6	0	0	C6	0	0	C6 Wrist extensors
(Upper Extremity Right)		Elbow extensors	C7	0	0	C7	0	0	C7 Elbow extensors
		Finger flexors	C8	0	0	C8	0	0	C8 Finger flexors
		Finger abductors (little finger)	T1	0	0	T1	0	0	T1 Finger abductors (little finger)
<b>Comments</b> (Non-key Muscle? Reason for NT? Pain? Non-SCI condition?):			T2	0	0	T2	0	0	
			T3	0	0	T3	0	0	
			T4	0	0	T4	0	0	
			T5	0	0	T5	0	0	
			T6	0	0	T6	0	0	
			T7	0	0	T7	0	0	
			T8	0	0	T8	0	0	
			T9	0	0	T9	0	0	
			T10	0	0	T10	0	0	
			T11	0	0	T11	0	0	
			T12	0	0	T12	0	0	
					Hip flexors	L2	0	0	L2
LER		Knee extensors	L3	0	0	L3	0	0	L3 Knee extensors
(Lower Extremity Right)		Ankle dorsiflexors	L4	0	0	L4	0	0	L4 Ankle dorsiflexors
		Long toe extensors	L5	0	0	L5	0	0	L5 Long toe extensors
		Ankle plantar flexors	S1	0	0	S1	0	0	S1 Ankle plantar flexors
			S2	0	0	S2	0	0	
			S3	0	0	S3	0	0	
			S4-5	0	0	S4-5	0	0	
(VAC) Voluntary Anal Contraction									
(Yes/No)									

**MOTOR (SCORING ON REVERSE SIDE)**

0 = Total paralysis  
 1 = Palpable or visible contraction  
 2 = Active movement, gravity eliminated  
 3 = Active movement, against gravity  
 4 = Active movement, against some resistance  
 5 = Active movement, against full resistance  
 NT = Not testable  
 0\*, 1\*, 2\*, 3\*, 4\*, NT\* = Non-SCI condition present

**SENSORY (SCORING ON REVERSE SIDE)**

0 = Absent  
 1 = Altered  
 2 = Normal  
 NT = Not testable  
 0\*, 1\*, NT\* = Non-SCI condition present

<b>NEUROLOGICAL LEVELS</b> <small>Steps 1-6 for classification as on reverse</small>	<b>R</b>	<b>L</b>						
	1. SENSORY	<input type="text"/>	<input type="text"/>	3. NEUROLOGICAL LEVEL OF INJURY (NLI)	<input type="text"/>	4. COMPLETE OR INCOMPLETE?	<input type="text"/>	(In injuries with absent motor OR sensory function in S4-5 only)
	2. MOTOR	<input type="text"/>	<input type="text"/>			5. ASIA IMPAIRMENT SCALE (AIS)	<input type="text"/>	6. ZONE OF PARTIAL PRESERVATION
								Most caudal levels with any innervation
								SENSORY MOTOR
								<input type="text"/> <input type="text"/>
								<input type="text"/> <input type="text"/>

## RIGHT

**UER**  
(Upper Extremity Right)

**LER**  
(Lower Extremity Right)

(VAC) Voluntary Anal Contraction (Yes/No)  Yes

**MOTOR KEY MUSCLES**

Elbow flexors C5 5  
Wrist extensors C6 5  
Elbow extensors C7 5  
Finger flexors C8 5  
Finger abductors (little finger) T1 5

Hip flexors L2 5  
Knee extensors L3 5  
Ankle dorsiflexors L4 5  
Long toe extensors L5 5  
Ankle plantar flexors S1 5

**SENSORY KEY SENSORY POINTS**

Light Touch (LTR) Pin Prick (PPR)

C2	2	2
C3	2	2
C4	2	2
C5	2	2
C6	2	2
C7	2	2
C8	2	2
T1	2	2
T2	2	2
T3	2	2
T4	2	2
T5	2	2
T6	2	2
T7	2	2
T8	2	2
T9	2	2
T10	2	2
T11	2	2
T12	2	2
L1	2	2
L2	2	2
L3	2	2
L4	2	2
L5	2	2
S1	2	2
S2	2	2
S3	2	2
S4-5	2	2

**SENSORY KEY SENSORY POINTS**

Light Touch (LTL) Pin Prick (PPL)

C2	2	2
C3	2	2
C4	2	2
C5	2	2
C6	2	2
C7	2	2
C8	2	2
T1	2	2
T2	2	2
T3	2	2
T4	2	2
T5	2	2
T6	2	2
T7	2	2
T8	2	2
T9	2	2
T10	2	2
T11	2	2
T12	2	2
L1	2	2
L2	2	2
L3	2	2
L4	2	2
L5	2	2
S1	2	2
S2	2	2
S3	2	2
S4-5	2	2

**MOTOR KEY MUSCLES**

Elbow flexors C5 5  
Wrist extensors C6 5  
Elbow extensors C7 5  
Finger flexors C8 5  
Finger abductors (little finger) T1 5

Hip flexors L2 5  
Knee extensors L3 5  
Ankle dorsiflexors L4 5  
Long toe extensors L5 5  
Ankle plantar flexors S1 5

(DAP) Deep Anal Pressure (Yes/No)  Yes

## LEFT

**UEL**  
(Upper Extremity Left)

**LEL**  
(Lower Extremity Left)

**Comments (Non-key Muscle? Reason for NT? Pain? Non-SCI condition?):**

Initial T4 AIS D  
SCI due to motor  
vehicle collision

**MOTOR (SCORING ON REVERSE SIDE)**

0 = Total paralysis  
1 = Palpable or visible contraction  
2 = Active movement, gravity eliminated  
3 = Active movement, against gravity  
4 = Active movement, against some resistance  
5 = Active movement, against full resistance  
NT = Not testable  
0\*, 1\*, 2\*, 3\*, 4\*, NT\* = Non-SCI condition present

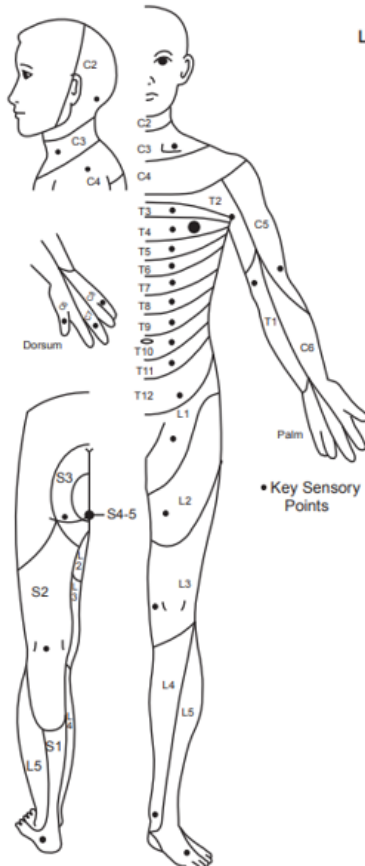
**SENSORY (SCORING ON REVERSE SIDE)**

0 = Absent      NT = Not testable  
1 = Altered      0\*, 1\*, NT\* = Non-SCI condition present  
2 = Normal

<b>NEUROLOGICAL LEVELS</b> Steps 1- 6 for classification as on reverse	R	L	<b>3. NEUROLOGICAL LEVEL OF INJURY (NLI)</b> <input style="width: 50px;" type="text"/>	<b>4. COMPLETE OR INCOMPLETE?</b> <input style="width: 30px;" type="text"/> <small>Incomplete = Any sensory or motor function in S4-5</small>	<b>6. ZONE OF PARTIAL PRESERVATION</b> <small>Most caudal levels with any innervation</small>	R	L
	1. SENSORY <input style="width: 30px;" type="text"/>	<input style="width: 30px;" type="text"/>				2. MOTOR <input style="width: 30px;" type="text"/>	<input style="width: 30px;" type="text"/>

Case 16

RIGHT		MOTOR KEY MUSCLES	SENSORY KEY SENSORY POINTS Light Touch (LTR) Pin Prick (PPR)		SENSORY KEY SENSORY POINTS Light Touch (LTL) Pin Prick (PPL)		MOTOR KEY MUSCLES	LEFT	
			C2	2	2	2	2	C2	
			C3	2	2	2	2	C3	
			C4	2	2	2	2	C4	
		Elbow flexors	C5	4	0	1	0	C5	4
UER		Wrist extensors	C6	1	0	1	0	C6	2
(Upper Extremity Right)		Elbow extensors	C7	2	0	0	0	C7	1
		Finger flexors	C8	1	0	0	0	C8	1
		Finger abductors (little finger)	T1	1	1	0	0	T1	1
<p><b>Comments</b> (Non-key Muscle? Reason for NT? Pain? Non-SCI condition?):</p>			T2	1	1	1	0	T2	
			T3	0	0	1	1	T3	
			T4	0	0	0	1	T4	
			T5	0	0	0	1	T5	
			T6	1	1	1	1	T6	
			T7	1	1	1	1	T7	
			T8	1	0	1	1	T8	
			T9	0	0	0	1	T9	
			T10	0	0	0	1	T10	
			T11	0	0	0	1	T11	
			T12	0	0	0	1	T12	
					Hip flexors	L2	2	0	0
LER		Knee extensors	L3	3	0	0	0	L3	3
(Lower Extremity Right)		Ankle dorsiflexors	L4	1	0	0	0	L4	4
		Long toe extensors	L5	1	0	0	0	L5	4
		Ankle plantar flexors	S1	2	0	0	0	S1	4
			S2	0	0	0	0	S2	
			S3	0	0	0	0	S3	
			S4-5	0	0	0	0	S4-5	
(VAC) Voluntary Anal Contraction									
(Yes/No)									



**MOTOR (SCORING ON REVERSE SIDE)**

0 = Total paralysis  
 1 = Palpable or visible contraction  
 2 = Active movement, gravity eliminated  
 3 = Active movement, against gravity  
 4 = Active movement, against some resistance  
 5 = Active movement, against full resistance  
 NT = Not testable  
 0\*, 1\*, 2\*, 3\*, 4\*, NT\* = Non-SCI condition present

**SENSORY (SCORING ON REVERSE SIDE)**

0 = Absent      NT = Not testable  
 1 = Altered      0\*, 1\*, NT\* = Non-SCI condition present  
 2 = Normal

<b>NEUROLOGICAL LEVELS</b> <small>Steps 1-6 for classification as on reverse</small>	R	L											
	1. SENSORY	<input type="text"/>	<input type="text"/>	3. NEUROLOGICAL LEVEL OF INJURY (NLI)	<input type="text"/>	4. COMPLETE OR INCOMPLETE?	<input type="text"/>						
	2. MOTOR	<input type="text"/>	<input type="text"/>			5. ASIA IMPAIRMENT SCALE (AIS)	<input type="text"/>						
						6. ZONE OF PARTIAL PRESERVATION	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;">SENSORY</td> <td style="text-align: center;">R</td> <td style="text-align: center;">L</td> </tr> <tr> <td style="text-align: center;">MOTOR</td> <td style="text-align: center;"><input type="text"/></td> <td style="text-align: center;"><input type="text"/></td> </tr> </table>	SENSORY	R	L	MOTOR	<input type="text"/>	<input type="text"/>
SENSORY	R	L											
MOTOR	<input type="text"/>	<input type="text"/>											



## RIGHT

**UER**  
(Upper Extremity Right)

**LER**  
(Lower Extremity Right)

(VAC) Voluntary Anal Contraction  
(Yes/No)  No

**MOTOR KEY MUSCLES**

**SENSORY KEY SENSORY POINTS**  
Light Touch (LTR) Pin Prick (PPR)

	Light Touch (LTR)	Pin Prick (PPR)
C2	2	2
C3	2	2
C4	2	2
C5	5	2
C6	5	2
C7	5	2
C8	5	2
T1	3	2
T2	2	2
T3	2	2
T4	2	2
T5	1	1
T6	0	0
T7	0	0
T8	0	0
T9	0	0
T10	0	0
T11	0	0
T12	0	0
L1	0	0
L2	0	0
L3	0	0
L4	0	0
L5	0	0
S1	0	0
S2	0	0
S3	0	0
S4-5	0	0

**SENSORY KEY SENSORY POINTS**  
Light Touch (LTL) Pin Prick (PPL)

	Light Touch (LTL)	Pin Prick (PPL)
C2	2	2
C3	2	2
C4	2	2
C5	2	2
C6	2	2
C7	2	2
C8	2	2
T1	2	2
T2	2	2
T3	2	2
T4	1	1
T5	1	1
T6	0	0
T7	0	0
T8	0	0
T9	0	0
T10	0	0
T11	0	0
T12	0	0
L1	0	0
L2	0	0
L3	0	0
L4	0	0
L5	0	0
S1	0	0
S2	0	0
S3	0	0
S4-5	0	0

## LEFT

**UEL**  
(Upper Extremity Left)

**LEL**  
(Lower Extremity Left)

(DAP) Deep Anal Pressure  
(Yes/No)  No

**Comments** (Non-key Muscle? Reason for NT? Pain? Non-SCI condition?):

**MOTOR (SCORING ON REVERSE SIDE)**

0 = Total paralysis  
 1 = Palpable or visible contraction  
 2 = Active movement, gravity eliminated  
 3 = Active movement, against gravity  
 4 = Active movement, against some resistance  
 5 = Active movement, against full resistance  
 NT = Not testable  
 0\*, 1\*, 2\*, 3\*, 4\*, NT\* = Non-SCI condition present

**SENSORY (SCORING ON REVERSE SIDE)**

0 = Absent      NT = Not testable  
 1 = Altered      0\*, 1\*, NT\* = Non-SCI condition present  
 2 = Normal

<b>NEUROLOGICAL LEVELS</b> Steps 1-6 for classification as on reverse	R	L	<b>3. NEUROLOGICAL LEVEL OF INJURY (NLI)</b> <input style="width: 50px; height: 20px;" type="text"/>	<b>4. COMPLETE OR INCOMPLETE?</b> Incomplete = Any sensory or motor function in S4-5 <input style="width: 50px; height: 20px;" type="text"/>	(In injuries with absent motor OR sensory function in S4-5 only) <b>6. ZONE OF PARTIAL SENSORY PRESERVATION</b> Most caudal levels with any innervation	R	L
	<b>1. SENSORY</b> <input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>				<b>2. MOTOR</b> <input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>



RIGHT		MOTOR KEY MUSCLES	SENSORY KEY SENSORY POINTS		SENSORY KEY SENSORY POINTS		MOTOR KEY MUSCLES	LEFT	
			Light Touch (LTR)	Pin Prick (PPR)	Light Touch (LTL)	Pin Prick (PPL)			
			C2	2	2	C2			
			C3	2	2	C3			
			C4	2	1	C4			
		Elbow flexors	C5	5	2	C5	5	Elbow flexors	
UER		Wrist extensors	C6	4	1	C6	4	Wrist extensors	UEL
(Upper Extremity Right)		Elbow extensors	C7	4	1	C7	3	Elbow extensors	(Upper Extremity Left)
		Finger flexors	C8	2	1	C8	2	Finger flexors	
		Finger abductors (little finger)	T1	2	2	T1	2	Finger abductors (little finger)	
<p><b>Comments</b> (Non-key Muscle? Reason for NT? Pain? Non-SCI condition?):</p>			T2	2	2	T2			
			T3	2	2	T3			
			T4	0	2	T4			
			T5	0	2	T5			
			T6	0	0	T6			
			T7	0	0	T7			
			T8	0	0	T8			
			T9	0	0	T9			
			T10	0	0	T10			
			T11	0	0	T11			
			T12	0	0	T12			
						L1	0	0	L1
		Hip flexors	L2	3	1	L2	1	Hip flexors	
LER		Knee extensors	L3	4	1	L3	1	Knee extensors	LEL
(Lower Extremity Right)		Ankle dorsiflexors	L4	3	1	L4	1	Ankle dorsiflexors	(Lower Extremity Left)
		Long toe extensors	L5	2	1	L5	1	Long toe extensors	
		Ankle plantar flexors	S1	2	1	S1	1	Ankle plantar flexors	
			S2	1	1	S2			
			S3	1	1	S3			
			S4-5	1	1	S4-5			

**(VAC) Voluntary Anal Contraction**  
(Yes/No)  Yes

**(DAP) Deep Anal Pressure**  
(Yes/No)  No

**NEUROLOGICAL LEVELS**  
Steps 1-6 for classification as on reverse

1. SENSORY  R  L

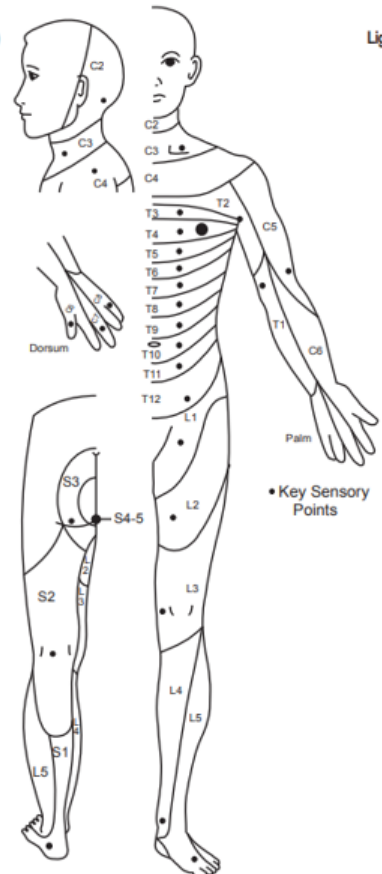
2. MOTOR  R  L

3. NEUROLOGICAL LEVEL OF INJURY (NLI)

4. COMPLETE OR INCOMPLETE?  (In injuries with absent motor OR sensory function in S4-5 only)  
Incomplete = Any sensory or motor function in S4-5

5. ASIA IMPAIRMENT SCALE (AIS)

6. ZONE OF PARTIAL PRESERVATION  R  L  
SENSORY  R  L  
MOTOR  R  L  
Most caudal levels with any innervation



**MOTOR (SCORING ON REVERSE SIDE)**

0 = Total paralysis  
 1 = Palpable or visible contraction  
 2 = Active movement, gravity eliminated  
 3 = Active movement, against gravity  
 4 = Active movement, against some resistance  
 5 = Active movement, against full resistance  
 NT = Not testable  
 0\*, 1\*, 2\*, 3\*, 4\*, NT\* = Non-SCI condition present

**SENSORY (SCORING ON REVERSE SIDE)**

0 = Absent  
 1 = Altered  
 2 = Normal  
 NT = Not testable  
 0\*, 1\*, NT\* = Non-SCI condition present

Case 19

RIGHT		MOTOR KEY MUSCLES	SENSORY KEY SENSORY POINTS		SENSORY KEY SENSORY POINTS		MOTOR KEY MUSCLES	LEFT	
			Light Touch (LTR)	Pin Prick (PPR)	Light Touch (LTL)	Pin Prick (PPL)			
			C2	2	2	C2			
			C3	2	2	C3			
			C4	2	2	C4			
UER (Upper Extremity Right)	Elbow flexors	C5	5	2	2	C5	NT*	C5	Elbow flexors
	Wrist extensors	C6	5	2	2	C6	NT*	C6	Wrist extensors
	Elbow extensors	C7	5	2	2	C7	NT*	C7	Elbow extensors
	Finger flexors	C8	5	2	2	C8	NT*	C8	Finger flexors
	Finger abductors (little finger)	T1	5	2	2	T1	NT*	T1	Finger abductors (little finger)
			T2	2	2	T2			
			T3	2	2	T3			
			T4	2	2	T4			
			T5	2	2	T5			
			T6	2	2	T6			
			T7	2	2	T7			
			T8	2	2	T8			
			T9	2	2	T9			
			T10	2	2	T10			
			T11	2	2	T11			
			T12	1	1	T12			
			L1	1	1	L1			
	Hip flexors	L2	0	0	0	L2	0	L2	Hip flexors
	Knee extensors	L3	0	0	0	L3	0	L3	Knee extensors
LER (Lower Extremity Right)	Ankle dorsiflexors	L4	0	0	0	L4	0	L4	Ankle dorsiflexors
	Long toe extensors	L5	0	0	0	L5	0	L5	Long toe extensors
	Ankle plantar flexors	S1	0	0	0	S1	0	S1	Ankle plantar flexors
			S2	0	0	S2			
			S3	0	0	S3			
			S4-5	0	0	S4-5			
(VAC) Voluntary Anal Contraction									
	(Yes/No)		No				No		(DAP) Deep Anal Pressure (Yes/No)

Comments (Non-key Muscle? Reason for NT? Pain? Non-SCI condition?):

**Left above elbow amputation.**

**Alternate left C5 sensory point used (over deltoid insertion).**

**\* considered normal for classification.**

<b>NEUROLOGICAL LEVELS</b> <small>Steps 1-6 for classification as on reverse</small>		<b>R</b>	<b>L</b>					<b>R</b>	<b>L</b>
	1. SENSORY			2. MOTOR			3. NEUROLOGICAL LEVEL OF INJURY (NLI)		4. COMPLETE OR INCOMPLETE? (In injuries with absent motor OR sensory function in S4-5 only)
						5. ASIA IMPAIRMENT SCALE (AIS)		6. ZONE OF PARTIAL PRESERVATION (Most caudal levels with any innervation)	
								SENSORY	
								MOTOR	

RIGHT		MOTOR KEY MUSCLES	SENSORY KEY SENSORY POINTS		SENSORY KEY SENSORY POINTS		MOTOR KEY MUSCLES	LEFT	
			Light Touch (LTR)	Pin Prick (PPR)	Light Touch (LTL)	Pin Prick (PPL)			
			C2	2	2	2	C2		
			C3	2	2	2	C3		
			C4	2	2	2	C4		
UER (Upper Extremity Right)	Elbow flexors	C5	1	1	1	1	C5	Elbow flexors	UEL (Upper Extremity Left)
	Wrist extensors	C6	NT*	NT*	NT*	NT*	C6	Wrist extensors	
	Elbow extensors	C7	1	NT*	NT*	NT*	C7	Elbow extensors	
	Finger flexors	C8	NT*	NT*	NT*	NT*	C8	Finger flexors	
	Finger abductors (little finger)	T1	NT*	1	1	0	T1	Finger abductors (little finger)	
			T2	0	0	0	T2		
			T3	0	0	0	T3		
			T4	0	0	0	T4		
			T5	0	0	0	T5		
			T6	0	0	0	T6		
			T7	0	0	0	T7		
			T8	0	0	0	T8		
			T9	0	0	0	T9		
			T10	0	0	0	T10		
			T11	0	0	0	T11		
			T12	0	0	0	T12		
			L1	0	0	0	L1		
	Hip flexors	L2	0	0	0	0	L2	Hip flexors	
LER (Lower Extremity Right)	Knee extensors	L3	0	0	0	0	L3	Knee extensors	LEL (Lower Extremity Left)
	Ankle dorsiflexors	L4	0	0	0	0	L4	Ankle dorsiflexors	
	Long toe extensors	L5	0	0	0	0	L5	Long toe extensors	
	Ankle plantar flexors	S1	0	0	0	0	S1	Ankle plantar flexors	
			S2	0	0	0	S2		
			S3	0	0	0	S3		
(VAC) Voluntary Anal Contraction (Yes/No)	<input type="checkbox"/> No		S4-5	0	0	0	S4-5	<input type="checkbox"/> No (DAP) Deep Anal Pressure (Yes/No)	

Comments (Non-key Muscle? Reason for NT? Pain? Non-SCI condition?):

**NT\* due to right transradial amputation.**

**\* considered not normal for classification.**

<b>NEUROLOGICAL LEVELS</b> Steps 1-6 for classification as on reverse	1. SENSORY	R <input type="checkbox"/>	L <input type="checkbox"/>	3. NEUROLOGICAL LEVEL OF INJURY (NLI) <input type="text"/>	4. COMPLETE OR INCOMPLETE? <input type="checkbox"/> (In injuries with absent motor OR sensory function in S4-5 only) Incomplete = Any sensory or motor function in S4-5	6. ZONE OF PARTIAL PRESERVATION Most caudal levels with any innervation	R <input type="checkbox"/>	L <input type="checkbox"/>
	2. MOTOR	R <input type="checkbox"/>	L <input type="checkbox"/>				SENSORY <input type="checkbox"/>	MOTOR <input type="checkbox"/>
5. ASIA IMPAIRMENT SCALE (AIS) <input type="text"/>								

Case 21

## RIGHT

**UER**  
(Upper Extremity Right)

**LER**  
(Lower Extremity Right)

(VAC) Voluntary Anal Contraction (Yes/No)  No

**MOTOR KEY MUSCLES**

Elbow flexors C5 5  
Wrist extensors C6 5  
Elbow extensors C7 5  
Finger flexors C8 5  
Finger abductors (little finger) T1 5

Hip flexors L2 0  
Knee extensors L3 0  
Ankle dorsiflexors L4 0  
Long toe extensors L5 0  
Ankle plantar flexors S1 0

**SENSORY KEY SENSORY POINTS**

Light Touch (LTR) Pin Prick (PPR)

C2	2	2
C3	2	2
C4	2	2
C5	2	2
C6	2	2
C7	2	2
C8	2	2
T1	2	2
T2	2	2
T3	2	2
T4	2	2
T5	2	2
T6	2	2
T7	1	1
T8	0	0
T9	0	0
T10	0	0
T11	0	0
T12	0	0
L1	0	0
L2	0	0
L3	0	0
L4	0	0
L5	0	0
S1	0	0
S2	0	0
S3	0	0
S4-5	0	0

• Key Sensory Points

**MOTOR KEY MUSCLES**

C5 Elbow flexors  
C6 Wrist extensors  
C7 Elbow extensors  
C8 Finger flexors  
T1 Finger abductors (little finger)

Hip flexors L2 0  
Knee extensors L3 0  
Ankle dorsiflexors L4 0  
Long toe extensors L5 0  
Ankle plantar flexors S1 0

## LEFT

**UEL**  
(Upper Extremity Left)

**LEL**  
(Lower Extremity Left)

(DAP) Deep Anal Pressure (Yes/No)  No

**Comments** (Non-key Muscle? Reason for NT? Pain? Non-SCI condition?):

Left brachial plexus injury.

\* considered normal for classification.

**MOTOR (SCORING ON REVERSE SIDE)**

0 = Total paralysis  
1 = Palpable or visible contraction  
2 = Active movement, gravity eliminated  
3 = Active movement, against gravity  
4 = Active movement, against some resistance  
5 = Active movement, against full resistance  
NT = Not testable  
0\*, 1\*, 2\*, 3\*, 4\*, NT\* = Non-SCI condition present

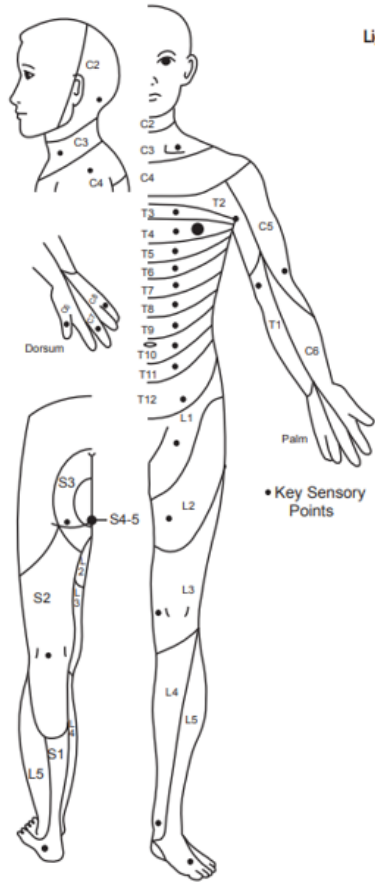
**SENSORY (SCORING ON REVERSE SIDE)**

0 = Absent NT = Not testable  
1 = Altered 0\*, 1\*, NT\* = Non-SCI condition present  
2 = Normal

<b>NEUROLOGICAL LEVELS</b> Steps 1-6 for classification as on reverse	R	L	<b>3. NEUROLOGICAL LEVEL OF INJURY (NLI)</b> <input style="width: 50px;" type="text"/>	<b>4. COMPLETE OR INCOMPLETE?</b> <input style="width: 30px;" type="text"/> <small>Incomplete = Any sensory or motor function in S4-5</small>	<small>(In injuries with absent motor OR sensory function in S4-5 only)</small> <b>5. ASIA IMPAIRMENT SCALE (AIS)</b> <input style="width: 30px;" type="text"/>	R	L
	<b>1. SENSORY</b> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <b>2. MOTOR</b> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>	<b>6. ZONE OF PARTIAL PRESERVATION</b> <small>Most caudal levels with any innervation</small>				<b>SENSORY</b> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <b>MOTOR</b> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>	

Case 22

RIGHT		MOTOR KEY MUSCLES	SENSORY KEY SENSORY POINTS		SENSORY KEY SENSORY POINTS		MOTOR KEY MUSCLES	LEFT	
			Light Touch (LTR)	Pin Prick (PPR)	Light Touch (LTL)	Pin Prick (PPL)			
			C2	2	2	C2			
			C3	2	2	C3			
			C4	2	2	C4			
		Elbow flexors	C5	5	2	C5	5	C5 Elbow flexors	
UER		Wrist extensors	C6	5	2	C6	4*	C6 Wrist extensors	UEL
(Upper Extremity Right)		Elbow extensors	C7	5	2	C7	5	C7 Elbow extensors	(Upper Extremity Left)
		Finger flexors	C8	5	2	C8	5	C8 Finger flexors	
		Finger abductors (little finger)	T1	5	2	T1	5	T1 Finger abductors (little finger)	
<p><i>Comments (Non-key Muscle? Reason for NT? Pain? Non-SCI condition?):</i></p> <p><b>Left wrist sprain with pain.</b></p> <p><b>* considered normal for classification.</b></p>			T2	2	2	T2	2	<p><b>MOTOR (SCORING ON REVERSE SIDE)</b></p> <p>0 = Total paralysis            1 = Palpable or visible contraction            2 = Active movement, gravity eliminated            3 = Active movement, against gravity            4 = Active movement, against some resistance            5 = Active movement, against full resistance            NT = Not testable            0*, 1*, 2*, 3*, 4*, NT* = Non-SCI condition present</p>	
			T3	2	2	T3	2		
			T4	2	2	T4	2		
			T5	2	2	T5	2		
			T6	2	2	T6	2		
			T7	1	1	T7	1		
			T8	1	0	T8	0		
			T9	0	0	T9	0		
			T10	1	1	T10	1		
			T11	1	0	T11	0		
			T12	1	0	T12	1		
			L1	0	0	L1	0		
		Hip flexors	L2	3	1	L2	3	L2 Hip flexors	
		Knee extensors	L3	3	0	L3	1	L3 Knee extensors	
LER		Ankle dorsiflexors	L4	2	0	L4	2	L4 Ankle dorsiflexors	LEL
(Lower Extremity Right)		Long toe extensors	L5	0	1	L5	0	L5 Long toe extensors	(Lower Extremity Left)
		Ankle plantar flexors	S1	0	1	S1	1	S1 Ankle plantar flexors	
			S2	1	0	S2			
			S3	1	0	S3			
			S4-5	1	0	S4-5			
(VAC) Voluntary Anal Contraction (Yes/No)	<input checked="" type="checkbox"/>							(DAP) Deep Anal Pressure (Yes/No)	<input checked="" type="checkbox"/>



<b>NEUROLOGICAL LEVELS</b> Steps 1-6 for classification as on reverse	R	L	<b>3. NEUROLOGICAL LEVEL OF INJURY (NLI)</b> <input type="text"/>	<b>4. COMPLETE OR INCOMPLETE?</b> <input type="text"/> <small>(In injuries with absent motor OR sensory function in S4-5 only)</small> Incomplete = Any sensory or motor function in S4-5	<b>6. ZONE OF PARTIAL PRESERVATION</b> <input type="text"/> <small>Most caudal levels with any innervation</small>	R	L
	<b>1. SENSORY</b> <input type="text"/>	<input type="text"/>				<b>SENSORY</b> <input type="text"/>	<input type="text"/>
	<b>2. MOTOR</b> <input type="text"/>	<input type="text"/>		<b>5. ASIA IMPAIRMENT SCALE (AIS)</b> <input type="text"/>		<b>MOTOR</b> <input type="text"/>	<input type="text"/>



RIGHT		MOTOR KEY MUSCLES	SENSORY KEY SENSORY POINTS		SENSORY KEY SENSORY POINTS		MOTOR KEY MUSCLES	LEFT		
			Light Touch (LTR)	Pin Prick (PPR)	Light Touch (LTL)	Pin Prick (PPL)				
UER (Upper Extremity Right)	Elbow flexors	C5	5	2	2	2	C5	5	UEL (Upper Extremity Left)	
	Wrist extensors	C6	3	2	2	2	C6	4		
	Elbow extensors	C7	3	1	0	2	C7	2		
	Finger flexors	C8	2	1	0	2	C8	2		
	Finger abductors (little finger)	T1	2	1	0	2	T1	2		
		T2	1	0	0	1				
		T3	1	0	0	0				
		T4	1	0	0	0				
LER (Lower Extremity Right)	Hip flexors	L2	2	1	1	0	L2	5	LEL (Lower Extremity Left)	
	Knee extensors	L3	3	1	1	0	L3	3		
	Ankle dorsiflexors	L4	2*	1	1	0	L4	3		
	Long toe extensors	L5	2*	1*	1*	0	L5	1		
	Ankle plantar flexors	S1	2	1	1	0	S1	4		
		S2	1	1	0	0				
		S3	1	1	0	0				
		S4-5	1	1	0	0				
	(VAC) Voluntary Anal Contraction (Yes/No)		Yes				No			

Comments (Non-key Muscle? Reason for NT? Pain? Non-SCI condition?):

**Old right peroneal neuropathy.**

**\* considered not normal for classification.**

<b>NEUROLOGICAL LEVELS</b> Steps 1-6 for classification as on reverse	1. SENSORY	R	L	3. NEUROLOGICAL LEVEL OF INJURY (NLI) <input type="text"/>	4. COMPLETE OR INCOMPLETE? <input type="text"/> <small>Incomplete = Any sensory or motor function in S4-5</small>	5. ASIA IMPAIRMENT SCALE (AIS) <input type="text"/>	6. ZONE OF PARTIAL PRESERVATION <small>Most caudal levels with any innervation</small>	R	L
	2. MOTOR	<input type="text"/>	<input type="text"/>					SENSORY	<input type="text"/>



RIGHT		SENSORY KEY SENSORY POINTS		SENSORY KEY SENSORY POINTS		LEFT	
MOTOR KEY MUSCLES		Light Touch (LTR)	Pin Prick (PPR)	Light Touch (LTL)	Pin Prick (PPL)	MOTOR KEY MUSCLES	
		C2	2	2	2	C2	
		C3	2	2	2	C3	
		C4	2	2	2	C4	
UER (Upper Extremity Right)	Elbow flexors	C5	5	2	2	5	C5 Elbow flexors
	Wrist extensors	C6	3	1	1	4	C6 Wrist extensors
	Elbow extensors	C7	4	1	1	4	C7 Elbow extensors
	Finger flexors	C8	3	2	2	3	C8 Finger flexors
	Finger abductors (little finger)	T1	4	1	1	3	T1 Finger abductors (little finger)
		T2	2	1	2	T2	
		T3	2	2	1	T3	
		T4	2	2	1	T4	
		T5	2	2	1	T5	
		T6	0	0	0	T6	
		T7	0	0	0	T7	
		T8	0	0	0	T8	
		T9	0	0	0	T9	
		T10	0	0	0	T10	
		T11	0	0	0	T11	
		T12	0	0	0	T12	
		L1	0	0	0	L1	
LER (Lower Extremity Right)	Hip flexors	L2	0	0	0	0	L2 Hip flexors
	Knee extensors	L3	0	0	0	0	L3 Knee extensors
	Ankle dorsiflexors	L4	0	0	0	0	L4 Ankle dorsiflexors
	Long toe extensors	L5	0	0	0	0	L5 Long toe extensors
	Ankle plantar flexors	S1	0	0	0	0	S1 Ankle plantar flexors
		S2	0	0	0	S2	
		S3	0	0	0	S3	
		S4-5	0	0	0	S4-5	

**Comments (Non-key Muscle? Reason for NT? Pain? Non-SCI condition?):**

**Two spine fractures: one cervical and one thoracic.**

**MOTOR (SCORING ON REVERSE SIDE)**

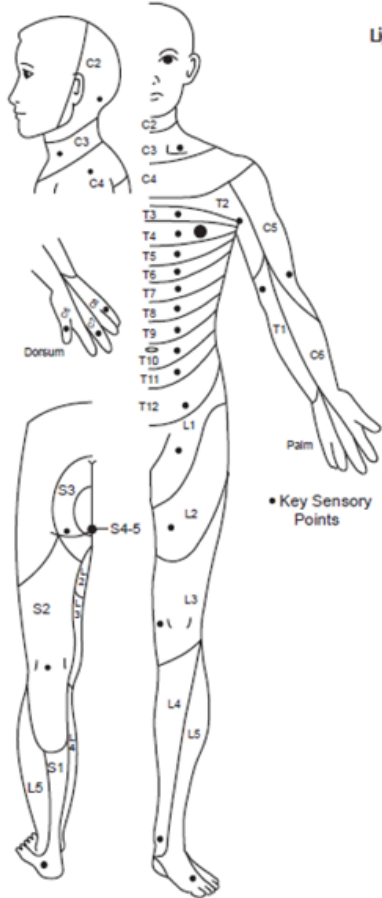
0 = Total paralysis  
 1 = Palpable or visible contraction  
 2 = Active movement, gravity eliminated  
 3 = Active movement, against gravity  
 4 = Active movement, against some resistance  
 5 = Active movement, against full resistance  
 NT = Not testable  
 0\*, 1\*, 2\*, 3\*, 4\*, NT\* = Non-SCI condition present

**SENSORY (SCORING ON REVERSE SIDE)**

0 = Absent  
 1 = Altered  
 2 = Normal  
 NT = Not testable  
 0\*, 1\*, NT\* = Non-SCI condition present

(VAC) Voluntary Anal Contraction (Yes/No)  No

No (DAP) Deep Anal Pressure (Yes/No)



<b>NEUROLOGICAL LEVELS</b> Steps 1-6 for classification as on reverse		R	L							
	1. SENSORY	<input type="text"/>	<input type="text"/>	3. NEUROLOGICAL LEVEL OF INJURY (NLI)	<input type="text"/>	4. COMPLETE OR INCOMPLETE? (In injuries with absent motor OR sensory function in S4-5 only)	<input type="text"/>	6. ZONE OF PARTIAL PRESERVATION (Most caudal levels with any innervation)	SENSORY	<input type="text"/>
2. MOTOR	<input type="text"/>	<input type="text"/>						MOTOR	<input type="text"/>	<input type="text"/>

RIGHT		MOTOR KEY MUSCLES	SENSORY KEY SENSORY POINTS		SENSORY KEY SENSORY POINTS		MOTOR KEY MUSCLES	LEFT	
			Light Touch (LTR)	Pin Prick (PPR)	Light Touch (LTL)	Pin Prick (PPL)			
			C2	2	2	2	2	C2	
			C3	2	2	2	2	C3	
			C4	2	2	2	2	C4	
UER (Upper Extremity Right)	Elbow flexors	C5	5	2	2	2	5	C5	Elbow flexors
	Wrist extensors	C6	5	2	2	2	5	C6	Wrist extensors
	Elbow extensors	C7	3*	1	0	0	1	C7	Elbow extensors
	Finger flexors	C8	1	0	0	0	0	C8	Finger flexors
	Finger abductors (little finger)	T1	0	0	0	0	0	T1	Finger abductors (little finger)
<p>Comments (Non-key Muscle? Reason for NT? Pain? Non-SCI condition?):</p> <p><b>Right posterior deltoid to triceps tendon transfer (completed 5 years post-injury).</b></p> <p><b>* considered &lt; 3 for classification.</b></p>			T2	0	0	0	0	T2	
			T3	0	0	0	0	T3	
			T4	0	0	0	0	T4	
			T5	0	0	0	0	T5	
			T6	0	0	0	0	T6	
			T7	0	0	0	0	T7	
			T8	0	0	0	0	T8	
			T9	0	0	0	0	T9	
			T10	0	0	0	0	T10	
			T11	0	0	0	0	T11	
			T12	0	0	0	0	T12	
			L1	0	0	0	0	L1	
LER (Lower Extremity Right)	Hip flexors	L2	0	0	0	0	0	L2	Hip flexors
	Knee extensors	L3	0	0	0	0	0	L3	Knee extensors
	Ankle dorsiflexors	L4	0	0	0	0	0	L4	Ankle dorsiflexors
	Long toe extensors	L5	0	0	0	0	0	L5	Long toe extensors
	Ankle plantar flexors	S1	0	0	0	0	0	S1	Ankle plantar flexors
			S2	0	0	0	0	S2	
			S3	0	0	0	0	S3	
			S4-5	0	0	0	0	S4-5	
(VAC) Voluntary Anal Contraction (Yes/No)		<b>No</b>							

**MOTOR (SCORING ON REVERSE SIDE)**

0 = Total paralysis  
 1 = Palpable or visible contraction  
 2 = Active movement, gravity eliminated  
 3 = Active movement, against gravity  
 4 = Active movement, against some resistance  
 5 = Active movement, against full resistance  
 NT = Not testable  
 0\*, 1\*, 2\*, 3\*, 4\*, NT\* = Non-SCI condition present

**SENSORY (SCORING ON REVERSE SIDE)**

0 = Absent      NT = Not testable  
 1 = Altered      0\*, 1\*, NT\* = Non-SCI condition present  
 2 = Normal

<b>NEUROLOGICAL LEVELS</b> <small>Steps 1-6 for classification as on reverse</small>		<b>R</b>	<b>L</b>					<b>R</b>	<b>L</b>	
	1. SENSORY	<input type="text"/>	<input type="text"/>	3. NEUROLOGICAL LEVEL OF INJURY (NLI)	<input type="text"/>	4. COMPLETE OR INCOMPLETE? <input type="text"/>	<small>(In injuries with absent motor OR sensory function in S4-5 only)</small>	6. ZONE OF PARTIAL PRESERVATION	<input type="text"/>	<input type="text"/>
	2. MOTOR	<input type="text"/>	<input type="text"/>			5. ASIA IMPAIRMENT SCALE (AIS)	<input type="text"/>	Most caudal levels with any innervation	<input type="text"/>	<input type="text"/>