

ImpairmentCare Case Guide

UPPER EXTREMITY - ELBOW NEURO ONLY 2

It is essential to look at the Impairment Details on an impairment case. The **deficit numbers** are the numbers we put into the calculator, and the **percentage impairment** is what we expect to get.

Impairment Detail

<i>Peripheral Nervous System Disorders</i>	Impairment		
	Deficit	%	Reference
Limb/Location and Nerve Root » Diagnosis			
Right Wrist - Major Peripheral Nerves			
– Ulnar (below midforearm)		18	P.46, T.14
» Sensory Deficit: Decreased sensation which may prevent activity, (minor causalgia)	61	6	
» Motor Deficit: Complete range of motion with gravity eliminated	51	13	

For the Elbow Neuro Only 2 case, we navigate to the **Peripheral** tab in the application because the disorder's name is shown in the Impairment Detail. Be sure to select the **left** or **right** option based on the Impairment Detail.

Impairment Detail

<i>Peripheral Nervous System Disorders</i>	Impairment		
Limb/Location and Nerve Root » Diagnosis	Deficit	%	Reference
Right Wrist - Major Peripheral Nerves			
– Ulnar (below midforearm)		18	P.46, T.14
» Sensory Deficit: Decreased sensation which may prevent activity, (minor causalgia)	61	6	
» Motor Deficit: Complete range of motion with gravity eliminated	51	13	



ImpairmentCare Search Injured Person Add Injured Person **Chapter** Calculator Mark Completed

< Chart **Injured Person: Michael Jack | 08/13/2024 Determination**

Vascular	Peripheral	Cutaneous Nerve	RSI				
Amputation	Thumb	Index	Middle	Ring	Little	Shoulder	Elbow

Left Right

Select method of impairment.

Peripheral Nerves Entrapment Neuropathy

The peripheral nervous system is noted in the impairment detail, so the peripheral nerves are selected for the method of impairment.

Left Right

Select method of impairment.

Peripheral Nerves

Entrapment Neuropathy

The first Impairment is noted at the Ulnar (below mid-forearm). This text is located on the Sensory and Motor Impairment chart within the application.

Impairment Detail			
<i>Peripheral Nervous System Disorders</i>	Impairment		
Limb/Location and Nerve Root » Diagnosis	Deficit	%	Reference
Right Wrist - Major Peripheral Nerves			
- Ulnar (below midforearm)		18	P.46, T.14
» Sensory Deficit: Decreased sensation which may prevent activity, (minor causalgia)	61	6	
» Motor Deficit: Complete range of motion with gravity eliminated	51	13	



Branch to radial side of ring			n/a	n/a
Musculocutaneous				
Radial (upper arm with loss of triceps)				
Radial (with sparing of triceps)				
Subscapular (upper and lower)	n/a	n/a		
Suprascapular				
Thoracoradarsal	n/a	n/a		
Ulnar (Above midforearm)				
Ulnar (Below midforearm)				
Branch to ulnar side of ring			n/a	n/a
Branch to radial side of little			n/a	n/a
Branch to ulnar side of little			n/a	n/a
Brachial Plexus				
Upper Trunk (C-5, C-6, Duchenne-Erb)				

You will want to select a grade that will give you the closest % to the impairment. Each button represents a grade (describing the impairment), provides a range, and details the sensory or strength grade.

The Impairment below describes the Ulnar as » Sensory Deficit: Decreased sensation which may prevent activity (minor causalgia),» so we will select this grade, with a percentage of 61%.

Impairment Detail			
<i>Peripheral Nervous System Disorders</i>	Impairment		
Limb/Location and Nerve Root » Diagnosis	Deficit	%	Reference
Right Wrist - Major Peripheral Nerves - Ulnar (below midforearm)		18	P.46, T.14
» Sensory Deficit: Decreased sensation which may prevent activity, (minor causalgia)	61	6	
» Motor Deficit: Complete range of motion with gravity eliminated	51	13	



Sensory Grade

- (unspecified)
- 1 No loss of sensation, spontaneous abnormal sensations, or pain.
- 2 Decreased sensation with or without pain, which is forgotten during activity.
- 3 Decreased sensation with or without pain, which interferes with activity.
- 4 Decreased sensation with or without pain, which may prevent activity (minor causalgia).
- 5 Decreased sensation with severe pain, which may cause outcries as well as prevent activity (major causalgia).
- 6 Decreased sensation with pain, which may prevent all activity.
- 61% ▾

Strength Grade

- (unspecified)
- 1 Complete range of motion against gravity and full resistance.
- 2 Complete range of motion against gravity and some resistance, or reduced fine movements and motor control.
- 3 Complete range of motion against gravity, and only without resistance.
- 4 Complete range of motion with gravity eliminated.
- 5 Slight contractibility, but no joint motion.
- 6 No contractibility.
- ▾

The next grade is » Motor Deficit: Complete range of motion with gravity eliminated. Select this for the strength grade, with a deficit of 51%.

Sensory Grade	Strength Grade
<input type="checkbox"/> - (unspecified)	<input type="checkbox"/> - (unspecified)
<input type="checkbox"/> 1 No loss of sensation, spontaneous abnormal sensations, or pain.	<input type="checkbox"/> 1 Complete range of motion against gravity and full resistance.
<input type="checkbox"/> 2 Decreased sensation with or without pain, which is forgotten during activity.	<input type="checkbox"/> 2 Complete range of motion against gravity and some resistance, or reduced fine movements and motor control.
<input type="checkbox"/> 3 Decreased sensation with or without pain, which interferes with activity.	<input type="checkbox"/> 3 Complete range of motion against gravity, and only without resistance.
<input checked="" type="checkbox"/> 4 Decreased sensation with or without pain, which may prevent activity (minor causalgia).	<input checked="" type="checkbox"/> 4 Complete range of motion with gravity eliminated.
<input type="checkbox"/> 5 Decreased sensation with severe pain, which may cause outcries as well as prevent activity (major causalgia).	<input type="checkbox"/> 5 Slight contractibility, but no joint motion.
<input type="checkbox"/> 6 Decreased sensation with pain, which may prevent all activity.	<input type="checkbox"/> 6 No contractibility.
<input type="text" value="61%"/>	<input checked="" type="text" value="51%"/>
<input type="button" value="Close"/>	



Impairment Detail

<i>Peripheral Nervous System Disorders</i>	Impairment		
	Deficit	%	Reference
Limb/Location and Nerve Root » Diagnosis			
Right Wrist - Major Peripheral Nerves			
– Ulnar (below midforearm)		18	P.46, T.14
» Sensory Deficit: Decreased sensation which may prevent activity, (minor causalgia)	61	6	
» Motor Deficit: Complete range of motion with gravity eliminated	51	13	

With the Sensory Deficit being 61% and the Motor deficit being 51%, we should have a percentage of 18%. We can check this by navigating to the whole person's Impairment under the calculator tab.

ImpairmentCare Search Injured Person Add Injured Person Chapter Calculator Mark Completed Settings

Injured Person: Michael Jack | 08/13/2024 Determination

Chapter Section Impairment
Whole Person Impairment
Report

Vascular Peripheral Cutaneous Nerve RSI
Amputation Thumb Index Middle Ring Little Shoulder Elbow Wrist Strength

< Back to Impairment Selection

Left Right

Sensory and Motor Impairment

Peripheral Nerves	Sensory Grade	Deficit %	Motor Grade	Deficit %
Anterior Thoracic (Pectoral)	n/a	n/a		
Axillary (Circumflex)				
Dorsal Scapular	n/a	n/a		
Long Thoracic (posterior thoracic n., external respiratory n of Bell, n. to serratus anterior)	n/a	n/a		
Medial Antebrachial Cutaneous			n/a	n/a
Medial Brachial Cutaneous			n/a	n/a
Median (Above midforearm)				
Median (Below midforearm)				
Branch to radial side of thumb			n/a	n/a

Ch. 3, Table 10-1



< Form Injured Person: Michael Jack

Left		Upper Extremities					Right				
Amp	ROM	Sens	Other	Total	Digit Impairment	Amp	ROM	Sens	Other	Total	
0	0	0	0	0	Index	0	0	0	0	0	
0	0	0	0	0	Middle	0	0	0	0	0	
0	0	0	0	0	Ring	0	0	0	0	0	
0	0	0	0	0	Little	0	0	0	0	0	
0	0	0	0	0	Thumb	0	0	0	0	0	
Upper Extremity Impairment											
0						Total Hand					0
0						Wrist					0
0						Elbow					0
0						Shoulder					0
0						Peripheral Nerve Disorders					18
0						Strength					0
0						Vascular Disorders					0
0						Total Impairment					18
Whole Person Impairment											
11%											

Impairment Detail

<i>Peripheral Nervous System Disorders</i>	Impairment		
	Deficit	%	Reference
Limb/Location and Nerve Root » Diagnosis			
Right Wrist - Major Peripheral Nerves			
– Ulnar (below midforearm)			
» Sensory Deficit: Decreased sensation which may prevent activity, (minor causalgia)	61	6	P.46, T.14
» Motor Deficit: Complete range of motion with gravity eliminated	51	13	

You can also view the whole-person Impairment, which is found under the calculator tab. Select Whole-Person Impairment.

Injured Person: Michael Jack Whole Person Impairment: 11%

Total Impairments	
Chapter 3	
Upper Extremity: 11%	
Lower Extremity: 0%	
Spine: 0%	
Pelvis: 0%	
Chapter 4	
The Nervous System: 0%	
Chapter 5	
The Respiratory System: 0%	
Chapter 8	
The Visual System: 0%	
Chapter 9	
Ear, Nose, Throat and Related Structures: 0%	
Chapter 10	
The Digestive System: 0%	
Chapter 13	
The Skin: 0%	
Chapter 14	
Mental and Behavioral Disorders: 0%	
	Total Whole Person Impairment
	11%



<i>Peripheral Nervous System Disorders</i>	Impairment		
	Deficit	%	Reference
Limb/Location and Nerve Root » Diagnosis			
Right Wrist - Major Peripheral Nerves			
– Ulnar (below midforearm)		18	P.46, T.14
» Sensory Deficit: Decreased sensation which may prevent activity, (minor causalgia)	61	6	
» Motor Deficit: Complete range of motion with gravity eliminated	51	13	

Impairment Calculation Summary

Right Arm Impairment

Right Wrist: 18%

Nerve Disorder: 18%

Ulnar (below midforearm): 61% Sensory Deficit (Grade 2), equals 6% impairment

Ulnar (below midforearm): 51% Motor Deficit (Grade 2), equals 13% impairment

*Combine 6% and 13% for a result of 18%

Right Arm: 18%

Right Wrist: 18%

* Please refer to note on page 1 for information regarding ADDING and COMBINING impairment values.

May 01, 2023 - Page 3

Whole Person Impairment (Before Adjustment for Prior Work-Related Permanent Impairments)

Whole Person: 11%

Right Arm: 18%, which reduces to a 11% whole person impairment