

Dispur Hospitals Pvt. Ltd.

Department of Neuroscience

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Tel : 8253999124, 9707020370

Name: Badan, Barman
Address: Japorigog

Patient ID: 5010-06-21
Date of Birth: 1/1/1981
Gender: Male
Date of Exam: 6/14/2021 3:08 PM

Referring Physician: Dr(Mrs)A.Mahanta
Examining Physician:

Patient History:

Chest upper abdomen discomfort
Disonete pain over bdo

Motor nerve conduction study:

Distal latency normal of both upper and lower limb nerves. CMAP normal. Motor nerve conduction velocity normal of all tested nerves.

Sensory nerve conduction study:

Distal latency normal of both upper and lower limb nerves. SNAP normal. Sensory nerve conduction velocity delayed of all tested nerves.

Late response:

F wave minimum latency normal both upper and lower limb nerves.

H reflex latency normal both tibial nerves.

IMPRESSION: NSS shows evidence of sensory neuropathy all tested nerves.
(To co-relate clinically)



Dr. (Mrs.) A. Mahanta
Senior Consultant Neurologist

Motor Nerve Conduction:

Nerve and Site	Latency	Amplitude	Segment	Latency Difference	Distance	Conduction Velocity
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Median.R

Wrist	3.1 ms	8.0 mV	Abductor pollicis brevis-Wrist	3.1 ms	mm	m/s
Elbow	6.9 ms	7.5 mV	Wrist-Elbow	3.8 ms	210 mm	55 m/s

Ulnar.R

Wrist	2.4 ms	9.4 mV	Abductor digiti minimi (manus)-Wrist	2.4 ms	mm	m/s
Below elbow	6.8 ms	9.0 mV	Wrist-Below elbow	4.4 ms	220 mm	50 m/s

Radial.R

Forearm	1.2 ms	1.7 mV	Extensor indicis proprius-Forearm	1.2 ms	mm	m/s
Lateral brachium	3.1 ms	2.1 mV	Forearm-Lateral brachium	1.9 ms	110 mm	58 m/s
Axilla	6.0 ms	2.5 mV	Lateral brachium-Axilla	2.9 ms	160 mm	55 m/s

Median.L

Wrist	3.4 ms	6.6 mV	Abductor pollicis brevis-Wrist	3.4 ms	mm	m/s
Elbow	7.0 ms	5.7 mV	Wrist-Elbow	3.6 ms	210 mm	58 m/s

Ulnar.L

Wrist	2.5 ms	8.1 mV	Abductor digiti minimi (manus)-Wrist	2.5 ms	mm	m/s
Below elbow	6.9 ms	7.0 mV	Wrist-Below elbow	4.4 ms	220 mm	50 m/s

Radial.L

Forearm	1.6 ms	1.6 mV	Extensor indicis proprius-Forearm	1.6 ms	mm	m/s
Lateral brachium	3.6 ms	1.2 mV	Forearm-Lateral brachium	2.0 ms	110 mm	55 m/s
Axilla	6.6 ms	1.2 mV	Lateral brachium-Axilla	3.0 ms	150 mm	50 m/s

Peroneal.R

Ankle	4.1 ms	6.7 mV	Extensor digitorum brevis-Ankle	4.1 ms	mm	m/s
Fibula (head)	11.2 ms	6.7 mV	Ankle-Fibula (head)	7.1 ms	315 mm	44 m/s

Peroneal.L

Ankle	3.5 ms	5.2 mV	Extensor digitorum brevis-Ankle	3.5 ms	mm	m/s
Fibula (head)	10.8 ms	5.0 mV	Ankle-Fibula (head)	7.3 ms	320 mm	44 m/s

F-Wave Studies

Nerve	M-Latency	F-Latency
Median.R	6.9	26.0
Ulnar.R	6.8	25.3
Median.L	3.4	25.3
Ulnar.L	6.9	25.4
Peroneal.R	11.2	45.3
Tibial.R	5.1	47.7
Peroneal.L	3.5	40.2
Tibial.L	4.6	42.5

Sensory Nerve Conduction:

Nerve and Site	Onset Latency	Peak Latency	Amplitude	Segment	Latency Difference	Distance	Conduction Velocity
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Median.R

Wrist	2.8 ms	3.9 ms	12 μ V	Digit II (index finger)-Wrist	2.8 ms	140 mm	50 m/s
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Ulnar.R

Wrist	2.2 ms	3.4 ms	23 μ V	Digit V (little finger)-Wrist	2.2 ms	115 mm	52 m/s
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Radial.R

Forearm	1.5 ms	2.5 ms	14 μ V	Anatomical snuff box-Forearm	1.5 ms	110 mm	44 m/s
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Median.L

Wrist	2.8 ms	3.9 ms	36 μ V	Digit II (index finger)-Wrist	2.8 ms	145 mm	51 m/s
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Ulnar.L

Wrist	2.5 ms	3.7 ms	28 μ V	Digit V (little finger)-Wrist	2.5 ms	130 mm	52 m/s
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Radial.L

Forearm	1.7 ms	2.6 ms	9 μ V	Anatomical snuff box-Forearm	1.7 ms	100 mm	38 m/s
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Peroneal.R

Ankle	3.2 ms	4.6 ms	4 μ V	Dorsum of foot-Ankle	3.2 ms	135 mm	42 m/s
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Peroneal.L

Ankle	2.2 ms	3.5 ms	8 μ V	Dorsum of foot-Ankle	2.2 ms	105 mm	49 m/s
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Sural.R

Lower leg	1.8 ms	3.8 ms	2 μ V	Ankle-Lower leg	1.8 ms	85 mm	48 m/s
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Sural.L

Lower leg	2.3 ms	3.8 ms	3 μ V	Ankle-Lower leg	2.3 ms	85 mm	38 m/s
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H-waves:

Nerve	Latency	Amplitude (max)
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Tibial.L

M-wave:	7.1 ms	0.4 mV
H-wave:	28.8 ms	3.4 mV

Tibial.R

M-wave:	ms	mV
H-wave:	29.4 ms	2.4 mV