

LSUHSC-NO NEUROLOGY
EMG LABORATORY
478 S Johnson St, 5th Floor
New Orleans, LA 70112
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9/19/19
Nerve
Study
Conduction

Full Name: Jeffrey Bodin **Gender:** Male
Patient ID: 2327610 **Date of Birth:** 5/22/1997

Visit Date: 9/19/2019 11:17
Age: 22 Years 3 Months Old
Examining Physician: Michael P. Charlet, M.D.
Referring Physician: Dr. Joseph Gonzales

Patient History: 22 y/o M with malignant melanoma. Patient states a history of polyneuropathy after treatment for melanoma. Currently patient complaining of pain and numbness in bilateral arms and legs. On neurological examination, strength is normal. Deep tendon reflexes are symmetrical.

Findings: NCS were performed on the right upper and bilateral lower extremities and were normal. EMG of bilateral upper and lower extremities was normal.

Impression: Normal study without significant evidence of polyneuropathy or radiculopathy

Thank you for this consultation.



Michael P. Charlet, M.D.

9/19/19
Nerve Con Study**Sensory NCS**

Nerve / Sites	Rec. Site	Onset Lat ms	Peak Lat ms	NP Amp μ V	Segments	Distance cm	Velocity m/s
R Median, Ulnar - Digital Antidromic							
Median Wrist	D2	2.19	3.07	69.3	Median Wrist - D2	13	59
Median Wrist	D3	2.19	3.02	56.0	Median Wrist - D3	13	59
Median Wrist	Palm	1.51	1.98	65.6	Median Wrist - Palm	8	53
Ulnar Wrist	D5	2.29	3.18	42.7	Ulnar Wrist - D5	11.5	50
R Radial - Anatomical snuff box (Forearm)							
Forearm	Wrist	1.88	2.55	42.1	Forearm - Wrist	10	53
R Medial antebrachial cutaneous - Forearm (Elbow)							
Elbow	Forearm	2.19	2.71	13.6	Elbow - Forearm	12	55
R Sural - Ankle (Calf)							
Calf	Ankle	3.49	4.27	18.5	Calf - Ankle	14	40
L Sural - Ankle (Calf)							
Calf	Ankle	3.54	4.32	17.9	Calf - Ankle	14	40

Motor NCS

Nerve / Sites	Muscle	Latency ms	Amplitude mV	Amp % %	Duration ms	Area mVms	Segments	Distance cm	Lat Diff ms	Velocity m/s
R Median - APB										
Wrist	APB	3.02	12.8	100	6.98	54.7	Wrist - APB	7		
Elbow	APB	7.45	12.1	94.8	7.34	55.0	Elbow - Wrist	26.2	4.43	59
R Ulnar - ADM										
Wrist	ADM	2.76	11.1	100	7.55	54.0	Wrist - ADM	7		
B.Elbow	ADM	6.30	11.5	103	8.18	52.1	B.Elbow - Wrist	20	3.54	56
A.Elbow	ADM	8.59	11.4	102	8.02	51.9	A.Elbow - B.Elbow	14	2.29	61
R Peroneal - EDB										
Ankle	EDB	5.52	6.1	100	8.39	29.1	Ankle - EDB	8		
Fib head	EDB	13.49	6.0	99.1	8.85	30.8	Fib head - Ankle	35	7.97	44
Pop fossa	EDB	15.83	6.6	110	8.65	32.4	Pop fossa - Fib head	9.5	2.34	41
L Peroneal - EDB										
Ankle	EDB	4.32	7.2	100	7.24	30.0	Ankle - EDB	8		
Fib head	EDB	11.77	7.5	104	7.19	29.8	Fib head - Ankle	33.5	7.45	45
Pop fossa	EDB	13.23	8.4	116	7.14	32.7	Pop fossa - Fib head	7	1.46	48
R Tibial - AH										
Ankle	AH	4.69	15.9	100	8.02	70.7	Ankle - AH	8		
Pop fossa	AH	13.18	13.8	86.6	8.80	71.0	Pop fossa - Ankle	39	8.49	46
L Tibial - AH										
Ankle	AH	4.43	19.4	100	7.71	61.4	Ankle - AH	8		
Pop fossa	AH	12.71	17.4	89.7	8.44	63.9	Pop fossa - Ankle	38.5	8.28	46

H Reflex

Nerve	H Lat ms
L Tibial - Soleus	30.00
R Tibial - Soleus	29.95

9/19/19
Nerve Con StudyEMG

EMG Summary Table											
Muscle	Spontaneous				MUP Recruitment						
	Fib	PSW	Fasc	Other	#	Rate	Polys	Dur	Amp	Effort	
L. Biceps brachii	None	None	None		Normal	Normal	None	Normal	Normal	Max	
L. Triceps brachii	None	None	None		Normal	Normal	None	Normal	Normal	Max	
L. Pronator teres	None	None	None		Normal	Normal	None	Normal	Normal	Max	
L. Extensor digitorum communis	None	None	None		Normal	Normal	None	Normal	Normal	Max	
L. First dorsal interosseous	None	None	None		Normal	Normal	None	Normal	Normal	Max	
L. Abductor pollicis brevis	None	None	None		Normal	Normal	None	Normal	Normal	Max	
R. Biceps brachii	None	None	None		Normal	Normal	None	Normal	Normal	Max	
R. Triceps brachii	None	None	None		Normal	Normal	None	Normal	Normal	Max	
R. Pronator teres	None	None	None		Normal	Normal	None	Normal	Normal	Max	
R. Extensor digitorum communis	None	None	None		Normal	Normal	None	Normal	Normal	Max	
R. First dorsal interosseous	None	None	None		Normal	Normal	None	Normal	Normal	Max	
R. Abductor pollicis brevis	None	None	None		Normal	Normal	None	Normal	Normal	Max	
R. Tibialis anterior	None	None	None		Normal	Normal	None	Normal	Normal	Max	
R. Gastrocnemius	None	None	None		Normal	Normal	None	Normal	Normal	Max	
R. Vastus medialis	None	None	None		Normal	Normal	None	Normal	Normal	Max	
R. Extensor hallucis longus	None	None	None		Normal	Normal	None	Normal	Normal	Max	
R. Tibialis posterior	None	None	None		Normal	Normal	None	Normal	Normal	Max	
L. Tibialis anterior	None	None	None		Normal	Normal	None	Normal	Normal	Max	
L. Gastrocnemius	None	None	None		Normal	Normal	None	Normal	Normal	Max	
L. Vastus medialis	None	None	None		Normal	Normal	None	Normal	Normal	Max	
L. Extensor hallucis longus	None	None	None		Normal	Normal	None	Normal	Normal	Max	
L. Tibialis posterior	None	None	None		Normal	Normal	None	Normal	Normal	Max	