

# OCEAN EMPIRE DIAGNOSTIC MONITORING GROUP

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Test Date: 7/5/2011

<b>Patient:</b> John Doe	<b>DOB:</b> 3/18/1990	<b>Ref Phys:</b> Dr. Spadafora
<b>Sex:</b> Male	<b>Height:</b> 5' 11"	<b>Technician:</b> Helene
<b>ID#:</b> doe318		

## CHIEF COMPLAINTS:

Patient is a 21 year old Male who presents with numbness and tingling in right hand and fingers. Patient has had symptoms for 2 months. Patient also complains of pain and numbness in right leg and foot. Symptoms have not gotten progressively worse and are not always present.

## Nerve Conduction Studies

### Motor Summary Table

Site	NR	Onset (ms)	Norm Onset (ms)	O-P Amp (mV)	Norm O-P Amp	Site1	Site2	Delta-0 (ms)	Dist (cm)	Vel (m/s)	Norm Vel (m/s)
<b>Left Median Motor (Abd Poll Brev)</b>											
Wrist		3.1	<4.0	6.8	>5.0	Wrist	Abd Poll Brev	3.1	7.0		
Elbow		8.3		6.8	>5.0	Elbow	Wrist	5.2	26.0	50	>50.0
<b>Right Median Motor (Abd Poll Brev)</b>											
Wrist		3.1	<4.0	9.4	>5.0	Wrist	Abd Poll Brev	3.1	7.0		
Elbow		8.3		9.1	>5.0	Elbow	Wrist	5.2	26.5	51	>50.0
<b>Left Peroneal Motor (Ext Dig Brev)</b>											
Ankle		4.8	<5.5	3.0	>3.0	Ankle	Ext Dig Brev	4.8	10.0		
B Fib		12.8		2.2	>3.0	B Fib	Ankle	8.0	37.0	46	>40.0
Poplt		15.0		1.0	>3.0	Poplt	B Fib	2.2	9.0	41	>40.0
<b>Right Peroneal Motor (Ext Dig Brev)</b>											
Ankle		5.0	<5.5	2.8	>3.0	Ankle	Ext Dig Brev	5.0	11.0		
B Fib		12.2		2.4	>3.0	B Fib	Ankle	7.2	35.0	49	>40.0
Poplt		14.5		0.4	>3.0	Poplt	B Fib	2.3	12.0	52	>40.0
<b>Left Tibial Motor (Abd Hall Brev)</b>											
Ankle		5.2	<6.0	6.7	>5.0	Ankle	Abd Hall Brev	5.2	14.0		
Poplit		13.9		5.3	>5.0	Poplit	Ankle	8.7	42.0	48	>40.0
<b>Right Tibial Motor (Abd Hall Brev)</b>											
Ankle		5.0	<6.0	7.3	>5.0	Ankle	Abd Hall Brev	5.0	14.0		
Poplit		14.2		5.0	>5.0	Poplit	Ankle	9.2	42.0	46	>40.0
<b>Left Ulnar Seg Motor (Abd Dig Minimi)</b>											
Wrist		2.2		8.8	>3.0	Wrist	Abd Dig Minimi	2.2	6.0		>50
Belbow		6.6		7.0	>3.0	Belbow	Wrist	4.4	25.0	57	>50
Aelbow		9.4		6.9	>3.0	Aelbow	Belbow	2.8	14.0	50	
<b>Right Ulnar Seg Motor (Abd Dig Minimi)</b>											
Wrist		2.2		11.0	>3.0	Wrist	Abd Dig Minimi	2.2	6.0		>50
Belbow		6.6		9.0	>3.0	Belbow	Wrist	4.4	25.0	57	>50
Aelbow		9.2		8.9	>3.0	Aelbow	Belbow	2.6	14.0	54	

### Sensory Summary Table

Site	NR	Onset (ms)	O-P Amp (µV)	Site1	Site2	Delta-0 (ms)	Dist (cm)	Vel (m/s)	Norm Vel (m/s)
<b>Left Median D2 Sensory (2nd Digit)</b>									
Wrist		2.7	38.2	Wrist	2nd Digit	2.7	16.0	59	>50.0
Palm		1.3	45.1	Palm	2nd Digit	1.3	8.0	62	>50.0
				Wrist	Palm	1.4	8.5	61	>50.0
<b>Right Median D2 Sensory (2nd Digit)</b>									

Wrist	2.7	31.3	Wrist	2nd Digit	2.7	16.0	59	>50.0
Palm	1.2	31.6	Palm	2nd Digit	1.2	8.0	67	>50.0
			Wrist	Palm	1.5	8.5	57	>50.0
<b>Left Radial Sensory (Base 1st Digit)</b>								
Wrist	1.7	13.2	Wrist	Base 1st Digit	1.7	10.0	59	>50.0
<b>Right Radial Sensory (Base 1st Digit)</b>								
Wrist	1.6	4.2	Wrist	Base 1st Digit	1.6	10.0	63	>50.0
<b>Left Sup Peron Sensory (Ant Lat Mall)</b>								
Lower Leg	3.3	6.6	Lower Leg	Ant Lat Mall	3.3	14.0	42	>40.0
<b>Right Sup Peron Sensory (Ant Lat Mall)</b>								
Lower Leg	2.7	2.8	Lower Leg	Ant Lat Mall	2.7	14.0	52	>40.0
<b>Left Sural Sensory (Lat Mall)</b>								
Calf	4.5	9.6	Calf	Lat Mall	4.5	12.0	27	>40.0
<b>Right Sural Sensory (Lat Mall)</b>								
Calf	4.1	8.6	Calf	Lat Mall	4.1	12.0	29	>40.0
<b>Left Ulnar Sensory (5th Digit)</b>								
Wrist	2.5	6.4	Wrist	5th Digit	2.5	14.0	56	>50.0
<b>Right Ulnar Sensory (5th Digit)</b>								
Wrist	2.5	6.2	Wrist	5th Digit	2.5	14.0	56	>50.0

**F Wave Studies**

NR	F-Lat (ms)	Lat Norm (ms)	L-R F-Lat (ms)
<b>Left Median (Mrkrs) (Abd Poll Brev)</b>			
	27.86	<30	0.50
<b>Right Median (Mrkrs) (Abd Poll Brev)</b>			
	27.36	<30	0.50
<b>Left Peroneal (Mrkrs) (EDB)</b>			
	56.22	<60	6.19
<b>Right Peroneal (Mrkrs) (EDB)</b>			
	50.03	<60	6.19
<b>Left Tibial (Mrkrs) (Abd Hallucis)</b>			
	53.04	<55	1.17
<b>Right Tibial (Mrkrs) (Abd Hallucis)</b>			
	51.87	<55	1.17
<b>Left Ulnar (Mrkrs) (Abd Dig Min)</b>			
	29.28	<30	0.08
<b>Right Ulnar (Mrkrs) (Abd Dig Min)</b>			
	29.36	<30	0.08

**H Reflex Studies**

NR	H-Lat (ms)	Lat Norm (ms)	L-R H-Lat (ms)	L-R Lat Norm
<b>Left Tibial (Gastroc)</b>				
	31.95	<33	3.64	<1.5
<b>Right Tibial (Gastroc)</b>				
	35.59	<33	3.64	<1.5

**Waveforms:**









