Test Clinic

123 Test St. Suite. 102 Testville, TX Phone: 555-555-5555 Fax: 555-555-5555

Patient:	Patient 215	**Physician:**	Jones
DOB:	06/01/1943	**Ref Phys:**	marcie
Height cm:	175.0	**Technician:**	
Gender:	Female	**Study Date:**	12/20/2012

LEGEND

Severely Abnormal	Moderately Abnormal	Mildly Abnormal	Technical Error

* SD (Standard Deviation) indicates how far the patient's conduction values vary from normal. Values falling below -2.5 are considered abnormal.

NERVE CONDUCTION STUDY

Motor NCS

Nerve	Side	Stimulation Site	Dist., cm	Lat., ms	Lat., SD	Amp., mV	Amp., SD	Vel., m/s	Vel., SD
R Median Motor	Right	wrist	5	3.9	-2.69	2.7	-3.26		
L Median Motor	Left	wrist	5	3.45	-1.46	3.06	-3.14		
R Ulnar Motor	Right	wrist	5	2.75	-0.71	2.33	-3.41		
L Ulnar Motor	Left	wrist	5	3.15	-1.68	1.39	-3.77		

* Middle & proximal site distances vary by patient therefore normals data is not available for these parameters

Sensory NCS

Nerve	Side	Stimulation Site	Dist., cm	Lat., ms	Lat., SD	PkLat., ms	PkLat., SD	Amp., μV	Amp., SD	Vel., m/s	Vel., SD
R Median Sensory	Right	wrist	13	1.3	3.99	4.45	-3.99	22.87	-2.05	100.0	3.99
L Median Sensory	Left	finger II	13	1.65	3.55	4.25	-3.99	20.91	-2.45	78.79	3.99
R Radial Sensory	Right	wrist	10	1.2	3.99	2.55	-1.17	14.52	-1.91	83.33	3.99
L Radial Sensory	Left	wrist	10	1.0	3.99	2.6	-1.31	25.31	-0.44	100.0	3.99
R Ulnar Sensory	Right	wrist	11	2.9	-3.32	3.65	-2.11	2.85	-3.99	37.93	-3.99
L Ulnar Sensory	Left	wrist	11	2.55	-1.92	3.35	-1.44	12.93	-2.91	43.14	-3.99

F-Waves

Nerve	Min, m/s	Min, SD	Mean, m/s	Max, m/s
R Median Motor	25.85	2.13	34.5	34.5
L Median Motor	23.95	3.86	33.2	33.2
R Ulnar Motor	26.5	1.06	32.45	32.45
L Ulnar Motor	27.95	0.2	31.85	31.85

Referral Diagnosis:

rt neck paion with grip weakness, cervical radiculopathy, post laminectomy

Findings

The findings of this nerve conduction examination suggest the following:

Right and Left CTS (Carpal Tunnel Syndrome)

1) Prolonged Right Median Sensory Peak Latency at 4.45 ms
2) Prolonged Left Median Sensory Peak Latency at 4.25 ms

The Electrodiagnostic results in this report are meant to supplement the patient examination and be reviewed by a qualified healthcare provider and are not a substitute for the professional judgment of the healthcare professional in diagnosing and treating patients.

NERVE CONDUCTION DETAIL

The findings of this nerve conduction examination suggest the following:

1) Right and Left CTS (Carpal Tunnel Syndrome) Carpal Tunnel symptoms are worse in the dominant hand but are frequently bilateral. They include dropping objects, numbness tingling in the thumb, index and/or middle finger and may radiate up the arm. They are most disturbing at night. Patients wake up and shake their hands to obtain relief. Treatment should address the cause of the problem (ie repetitive strain, trauma, weight gain) and can start with wrist splints (both sides) mostly at night for mild to moderate carpal tunnel entrapments. Steroid Injections, Surgery are indicated for moderate to severe cases or if symptoms are intolerable and interfere with the job.

The Electrodiagnostic results in this report are meant to supplement the patient examination and be reviewed by a qualified healthcare provider and are not a substitute for the professional judgment of the healthcare professional in diagnosing and treating patients. This impression was generated by a computer analysis and each potential finding identified should be clinically correlated by a qualified healthcare provider. This computer analysis does not imply that all listed findings are clinically relevant. The clinical diagnosis can only be made by the treating physician in the context of the patient's other symptoms and findings.

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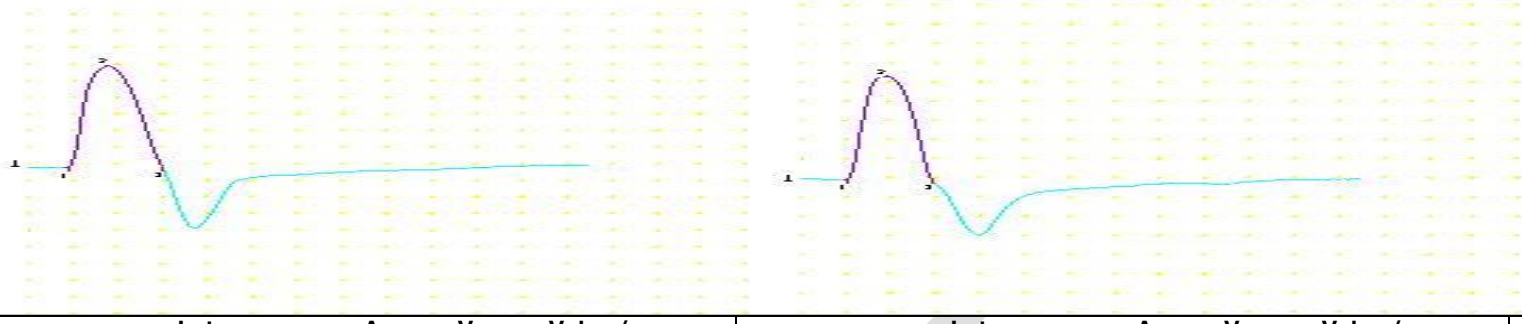
Jones

Motor Waveforms

L Median Motor

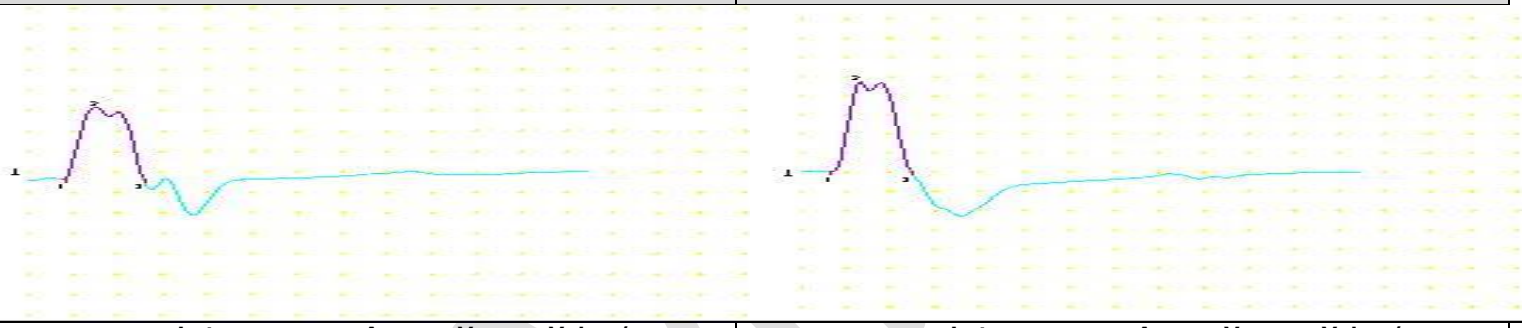


	Lat., ms	Amp., mV	Vel, m/s
Distal	3.45	3.06	

R Median Motor

	Lat., ms	Amp, mV	Vel, m/s
Distal	3.9	2.7	

L Ulnar Motor



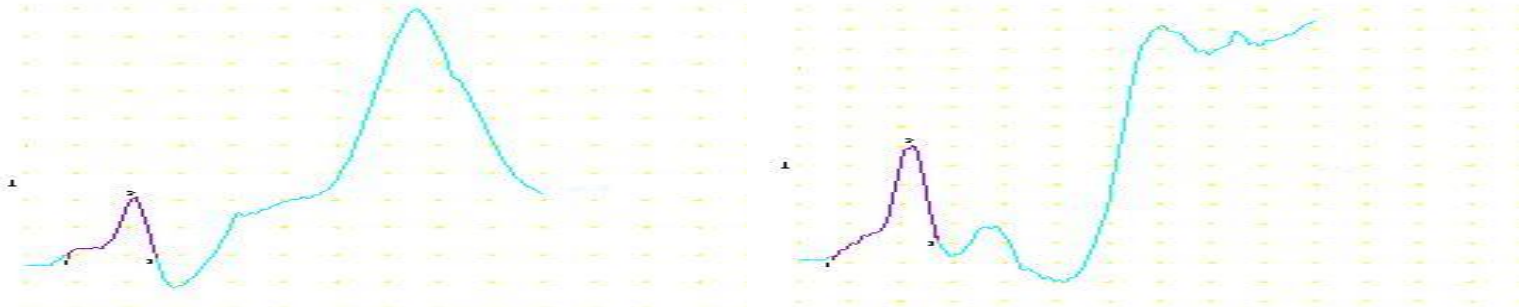
	Lat., ms	Amp., mV	Vel, m/s
Distal	3.15	1.39	

R Ulnar Motor

	Lat., ms	Amp, mV	Vel, m/s
Distal	2.75	2.33	

Sensory Waveforms

L Median Sensory

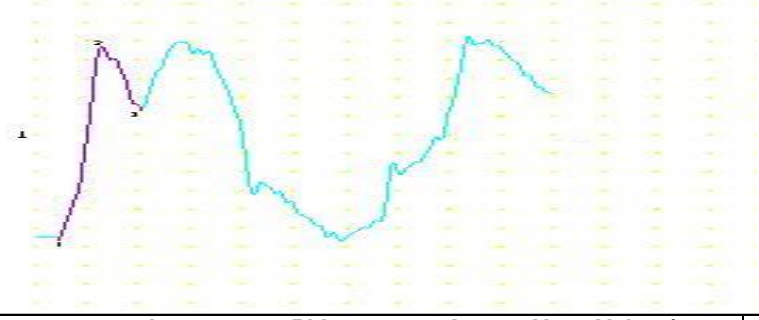


	Lat., ms	PkLat., ms	Amp., μV	Vel, m/s
Distal	1.65	4.25	20.91	78.79

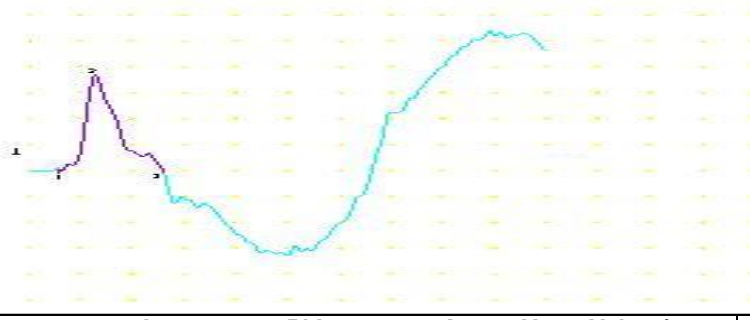
R Median Sensory

	Lat., ms	PkLat., ms	Amp, μV	Vel, m/s
Distal	1.3	4.45	22.87	100.0

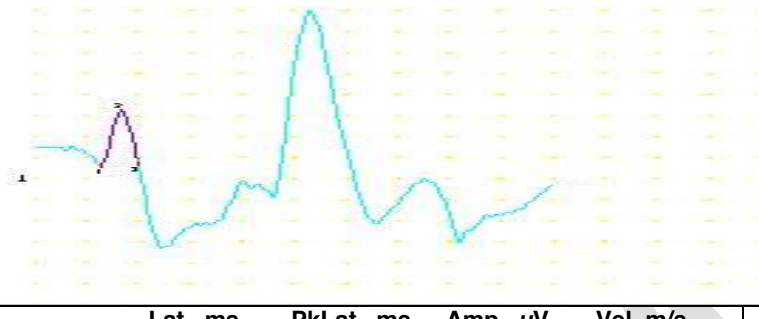
L Radial Sensory				
	Lat., ms	PkLat., ms	Amp., μV	Vel, m/s
Distal	1.0	2.6	25.31	100.0



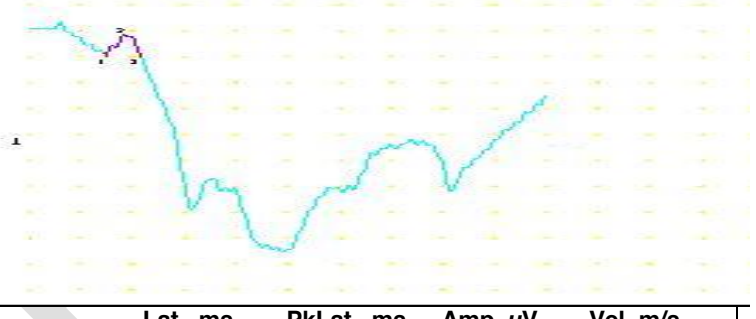
R Radial Sensory				
	Lat., ms	PkLat., ms	Amp, μV	Vel, m/s
Distal	1.2	2.55	14.52	83.33



L Ulnar Sensory				
	Lat., ms	PkLat., ms	Amp., μV	Vel, m/s
Distal	2.55	3.35	12.93	43.14

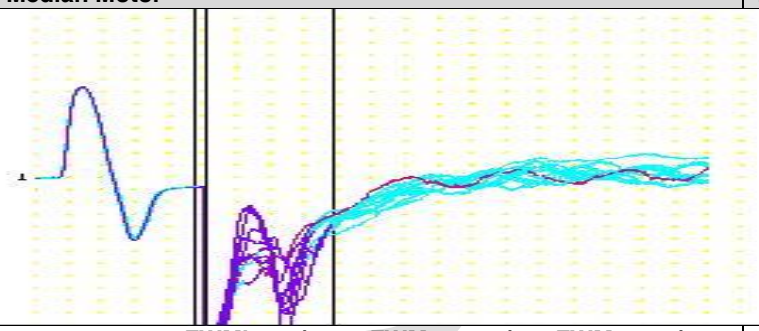


R Ulnar Sensory				
	Lat., ms	PkLat., ms	Amp, μV	Vel, m/s
Distal	2.9	3.65	2.85	37.93

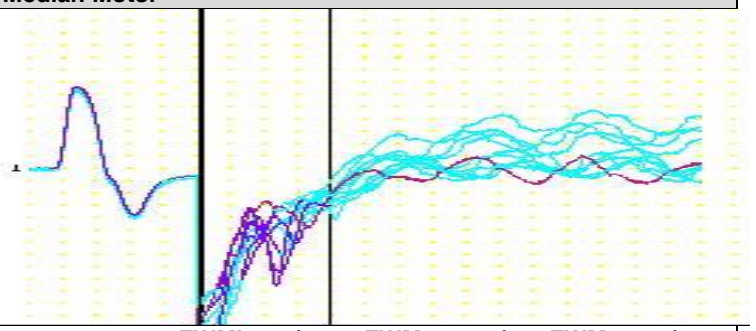


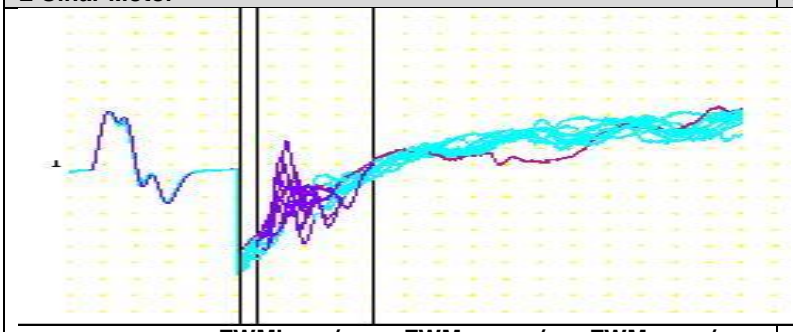
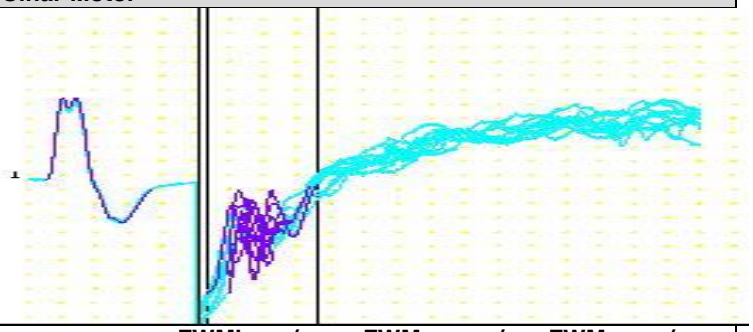
F-Waveforms

L Median Motor			
FWMin, m/s	FWMean, m/s	FWMax, m/s	
23.95	27.044	33.2	



R Median Motor			
FWMin, m/s	FWMean, m/s	FWMax, m/s	
25.85	30.722	34.5	

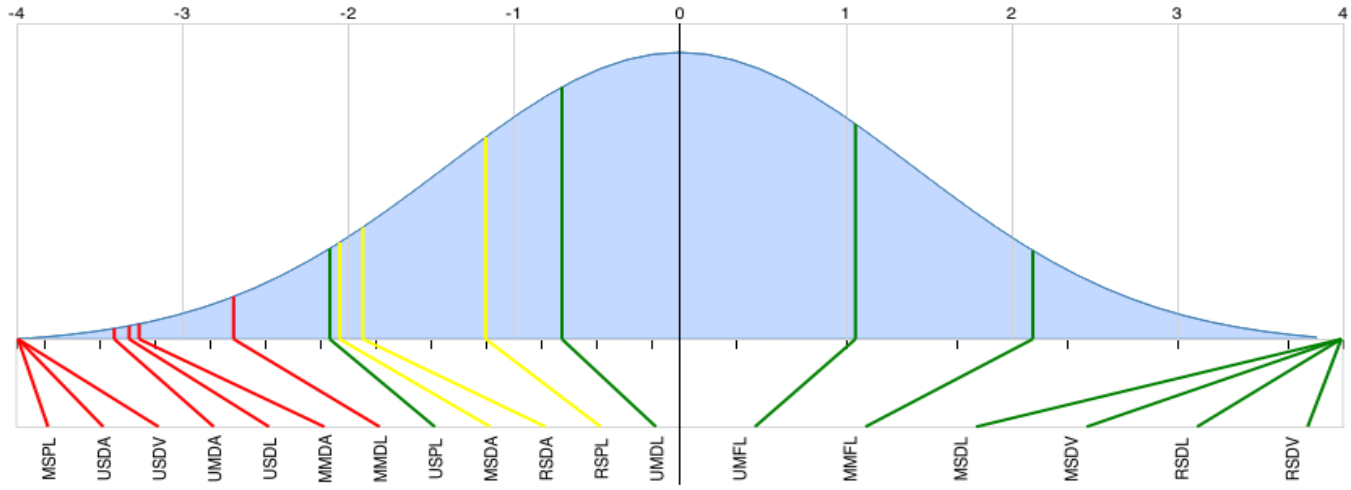


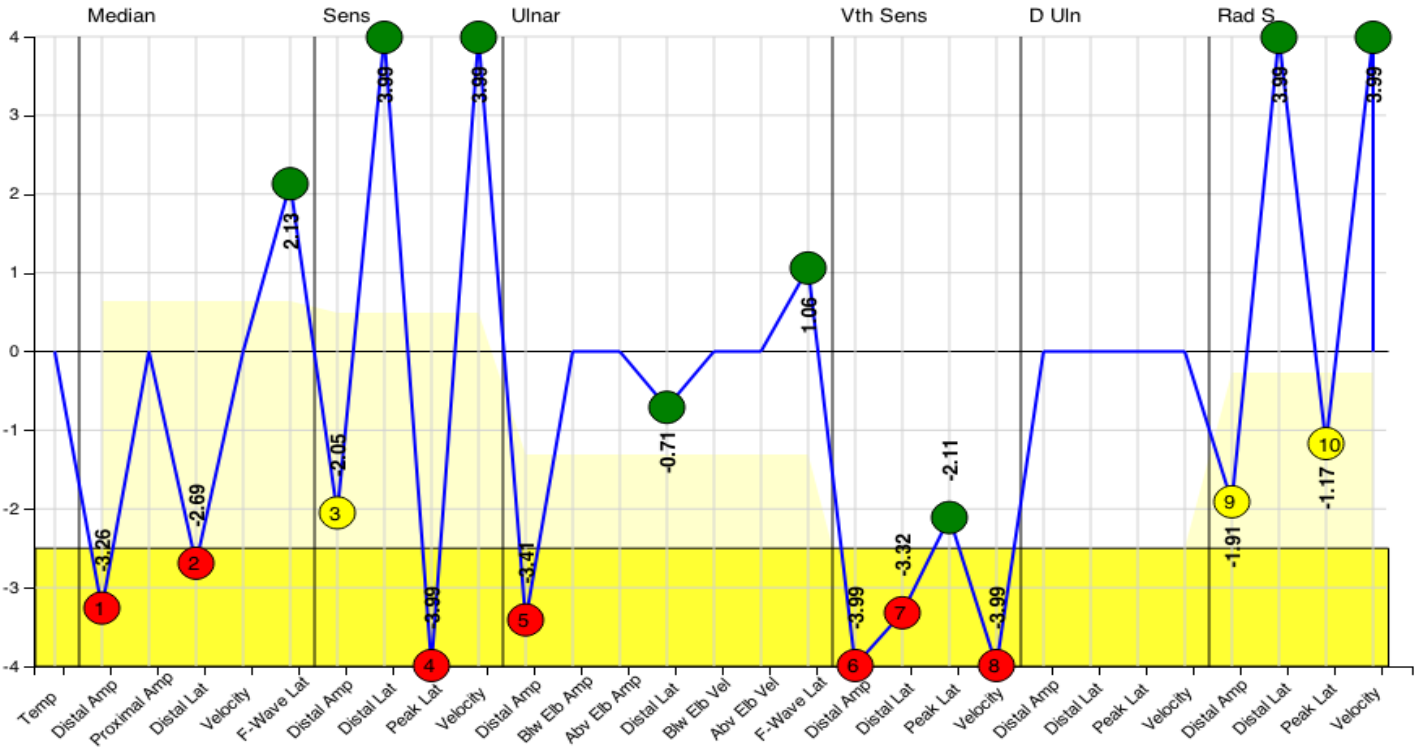
L Ulnar Motor				R Ulnar Motor			
							
	FWMin, m/s	**FWMean, m/s**	**FWMax, m/s**		**FWMin, m/s**	**FWMean, m/s**	**FWMax, m/s**
	27.95	29.378	31.85		26.5	30.385	32.45

Exam Results Details

Upper Nerves

Figure 1 – Upper Right

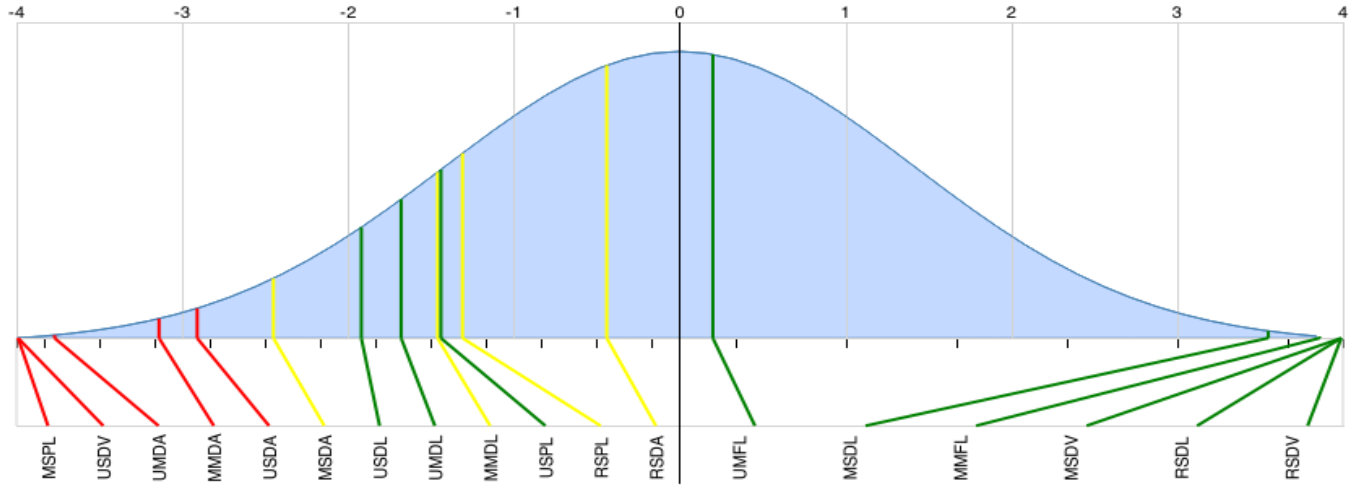


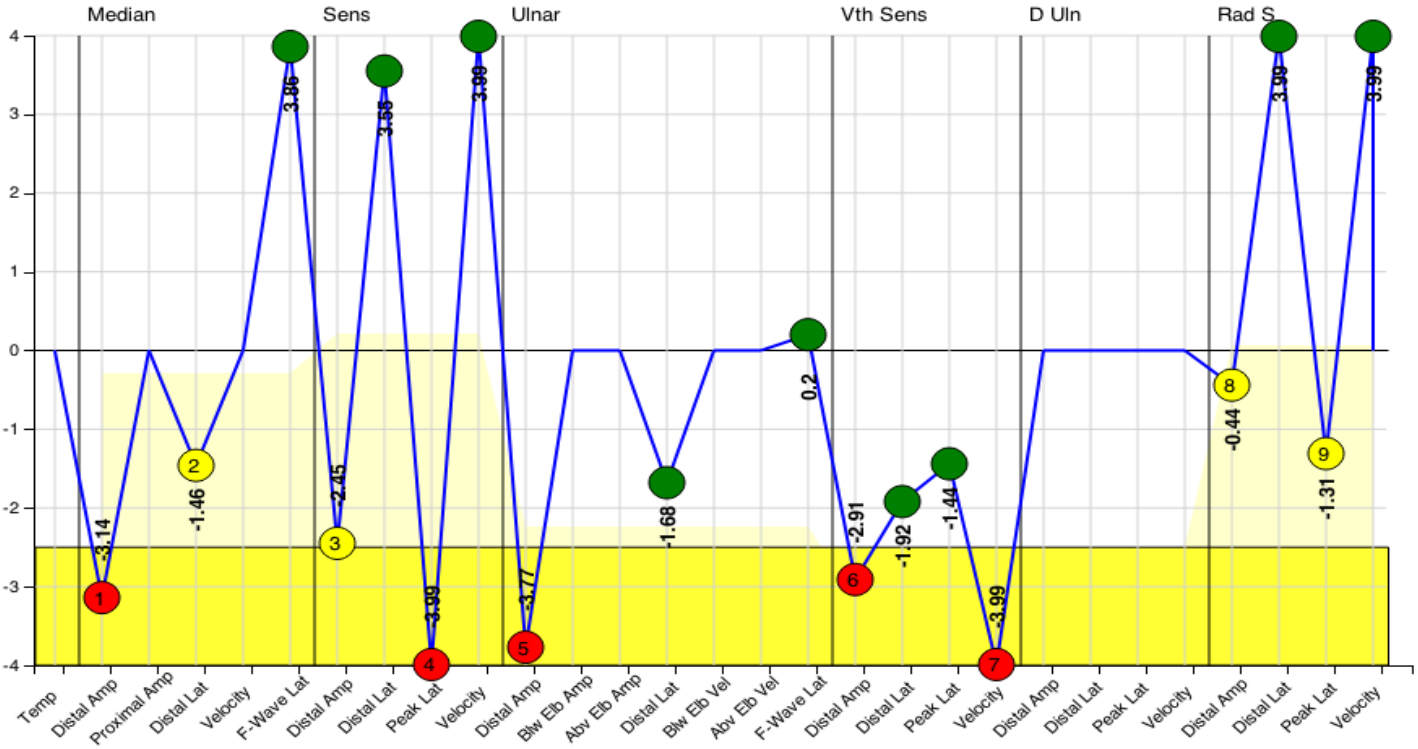


1. **R Median Motor Distal Amplitude** appears to be moderately abnormal
2. **R Median Motor Distal Latency** appears to be moderately abnormal
3. **R Median Sensory Distal Amplitude** appears to be mildly abnormal
4. **R Median Sensory Peak Latency** appears to be severely abnormal
5. **R Ulnar Motor Distal Amplitude** appears to be moderately abnormal
6. **R Ulnar Sensory Distal Amplitude** appears to be severely abnormal
7. **R Ulnar Sensory Distal Latency** appears to be moderately abnormal
8. **R Ulnar Sensory Distal Velocity** appears to be severely abnormal
9. **R Radial Sensory Distal Amplitude** appears to be mildly abnormal

10. R Radial Sensory Peak Latency appears to be mildly abnormal

Figure 3 – Upper Left





1. **L Median Motor Distal Amplitude** appears to be moderately abnormal
2. **L Median Motor Distal Latency** appears to be mildly abnormal
3. **L Median Sensory Distal Amplitude** appears to be mildly abnormal
4. **L Median Sensory Peak Latency** appears to be severely abnormal
5. **L Ulnar Motor Distal Amplitude** appears to be moderately abnormal
6. **L Ulnar Sensory Distal Amplitude** appears to be moderately abnormal
7. **L Ulnar Sensory Distal Velocity** appears to be severely abnormal
8. **L Radial Sensory Distal Amplitude** appears to be mildly abnormal
9. **L Radial Sensory Peak Latency** appears to be mildly abnormal