
Patient: Sample (F) **DOB:** XX-XX-XXXX **Physician:** Dr. XXXX, MD

Diagnosis: G56.01, G56.21

Complaint: Medical chart reviewed, and brief clarifying examination reveals R > L wrist pain and intermittent N/T into digit I. Feb 2023 noticed weakness in R digit V. She reports pain and weakness making OK sign, with negative Froment's sign and negative Wartenberg's sign. She reports R digit V feels week and tingles while working. Goes to podiatrist due to N/T in B feet and has had MRI with "tears and tendonitis" in B feet. Denies neck pain. Denies: DM, heart, lung, thyroid, CA, auto immune, or exposure to hazardous chemicals. MMT: C5-T1 5/5 except R ADM 4/5. MSR: Bi, Br, Tri = B. Special Testing: Hoffman's neg B. Durkan's neg B. Tinel's wrist neg B. Tinel's elbow neg B. Froment's neg B. Wartenberg's neg B. Benediction neg B. Lhermitte's neg B. Spurling's neg B. Hands and feet maintained at 31C and 29C respectively.

ELECTRONEUROMYOGRAPHIC SUMMARY

Nerve Conduction:

- The R ulnar motor to the ADM demonstrates comparably (>10m/s) slow velocity across the elbow with spared forearm and brachial velocities and spared latency and amplitudes. The R ulnar motor to the FDI demonstrates slow across elbow velocity with spared forearm and brachial velocity and spared amplitudes. The B ulnar sensory are WNL. The R ulnar F-Waves are WNL. The L ulnar motor is WNL.
- The R median sensory to digit I is at the limit of normal of comparable slowing with spared amplitudes. The R median sensory to digit III demonstrates slow transcarpal velocity and spared amplitude. The R median motor shows comparative delay in latency with respect to the ipsilateral ulnar motor distal latency and is otherwise WNL. The R median F-Wave is WNL. The L median sensory to digits I and III are WNL. The L median motor is WNL. The L median F-Wave is WNL. The B radial sensory are WNL.
- B radial sensory are WNL.

Electromyography:

- All muscles sample in the B uppers C5-T1 are WNL in insertional, resting, muscle unit morphology, and recruitment activities.

Impression: (Abnormal Study)

1. The evidence suggests very mild R ulnar neuropathy across the elbow.
2. The evidence suggests very mild R median neuropathy across the wrist.
3. There is not sufficient evidence to suggest any other focal mononeuropathy, cervical radiculopathy, brachial plexopathy, generalized polyneuropathy, or myopathy.

Thank you for the referral.

Nerve Conduction Studies

Anti Sensory Summary Table

Site	NR	Peak (ms)	Norm Peak (ms)	O-P* Amp (μ V)	Norm O-P Amp	Site1	Site2	Delta-P (ms)	Dist (cm)	Vel (m/s)	Norm Vel (m/s)
Left Median Anti Sensory (3rd Digit)											
Palm		1.6	<2.2	54.1	>10	Palm	3rd Digit	1.6	7.0	44	
Wrist		3.1	<3.6	48.1		Wrist	Palm	1.5	7.0	47	>39
Right Median Anti Sensory (3rd Digit)											
Palm		1.5	<2.2	42.6	>10	Palm	3rd Digit	1.5	7.0	47	
Wrist		3.4	<3.6	35.4		Wrist	Palm	1.9	7.0	37	>39
Left Ulnar Anti Sensory (5th Digit)											
Wrist		2.6	<3.4	28.3	>10	Wrist	5th Digit	2.6	12.0	46	
Right Ulnar Anti Sensory (5th Digit)											
Wrist		2.4	<3.4	35.4	>10	Wrist	5th Digit	2.4	12.0	50	

Motor Summary Table

Site	NR	Onset (ms)	Norm Onset (ms)	O-P* Amp (mV)	Norm O-P Amp	Neg Dur (ms)	Site1	Site2	Delta-0 (ms)	Dist (cm)	Vel (m/s)	Norm Vel (m/s)
Left Median Motor (Abd Poll Brev)												
Wrist		3.3	<4.2	9.6	>2.8	5.00	Wrist	Elbow	3.7	22.0	59	>50
Elbow		7.0		9.1		6.09						
Right Median Motor (Abd Poll Brev)												
Wrist		3.8	<4.2	9.8	>2.8	5.16	Wrist	Elbow	3.5	22.0	63	>50
Elbow		7.3		9.1		5.31						
Left Ulnar Motor (Abd Dig Minimi)												
Wrist 8cm		2.8	<3.6	7.8	>4.2	4.69	B Elbow	Wrist 8cm	3.0	16.0	53	>49
B Elbow		5.8		6.3		5.16	A Elbow	B Elbow	1.7	8.0	47	>44
A Elbow		7.5		6.1		5.63	Axilla	A Elbow	1.9	10.0	53	>50
Axilla		9.4		5.3		5.31						
Right Ulnar Motor (Abd Dig Minimi)												
Wrist 8cm		2.7	<3.6	7.3	>4.2	5.31	B Elbow	Wrist 8cm	2.5	16.0	64	>49
B Elbow		5.2		7.4		5.94	A Elbow	B Elbow	1.8	8.0	44*	>44
A Elbow		7.0		6.4		5.00	Axilla	A Elbow	1.4	10.0	71	>50
Axilla		8.4		6.1		6.09						
Right Ulnar FDI Motor (FDI)												
Wrist		3.3		9.7		3.59	Wrist	B Elbow	2.6	16.0	62	>49
B Elbow		5.9		6.7		3.59	B Elbow	A Elbow	1.9	8.0	42	>44
A Elbow		7.8		6.9		3.75	A Elbow	Axilla	1.3	10.0	77	>50
Axilla		9.1		6.1		3.75						

Comparison Summary Table

Site	NR	Peak (ms)	O-P* Amp (μ V)	Norm O-P Amp	Site1	Site2	Delta-P (ms)
Left Median/Radial Comparison (Digit 1)							
Median 10cm		2.6	20.0	>7	Median 10cm	Radial 10 cm	0.4
Radial 10 cm		2.2	14.1				
Right Median/Radial Comparison (Digit 1)							
Median 10cm		2.7	32.8	>7	Median 10cm	Radial 10 cm	0.5
Radial 10 cm		2.2	16.9				

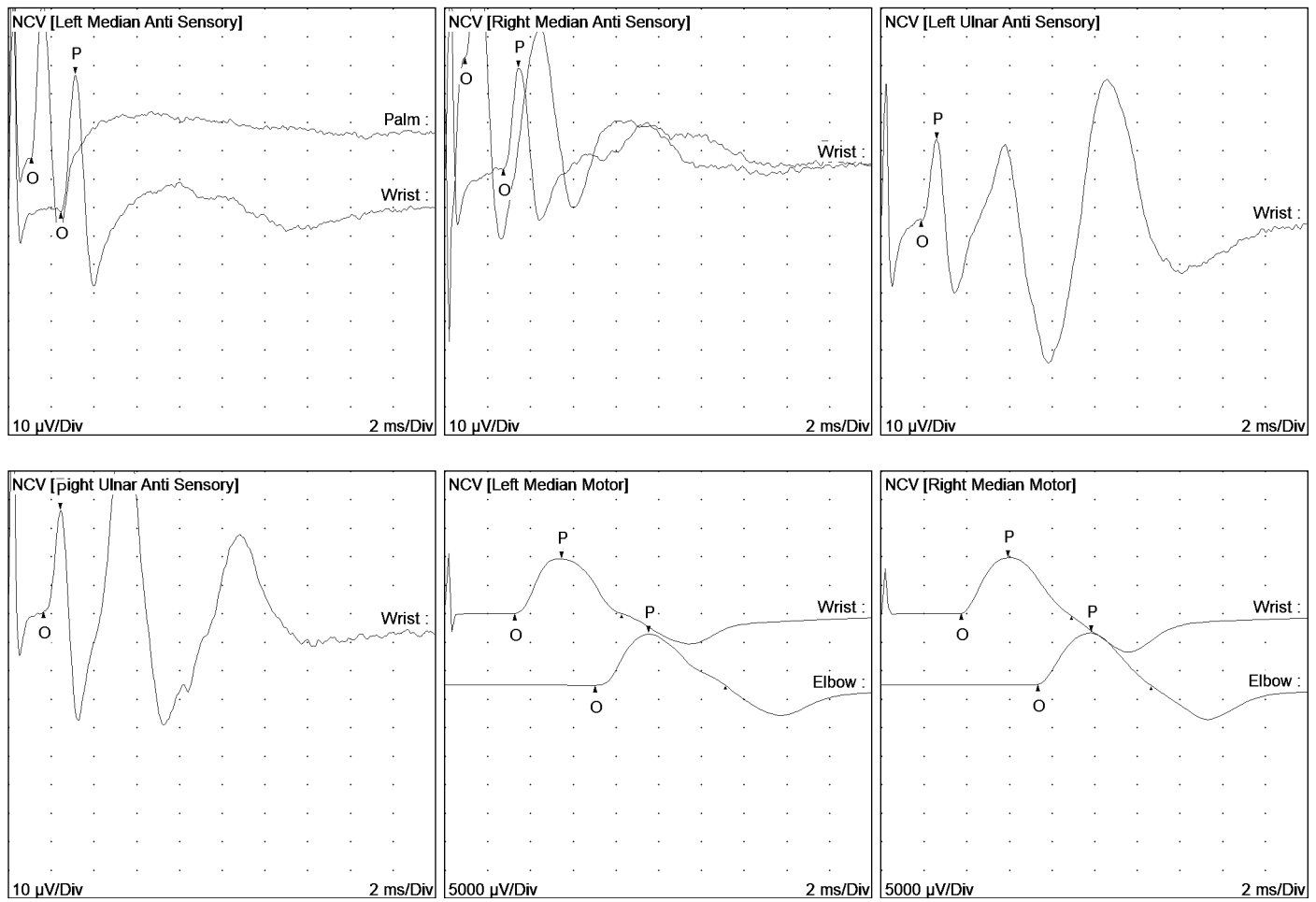
F Wave Studies

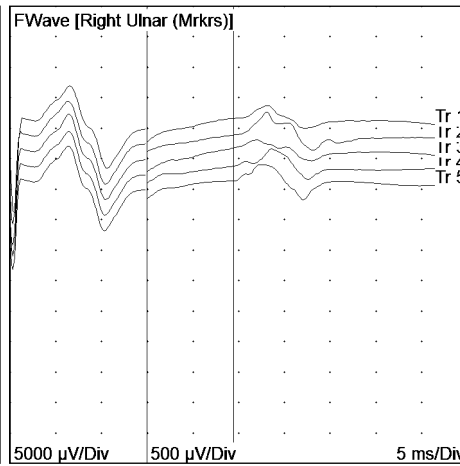
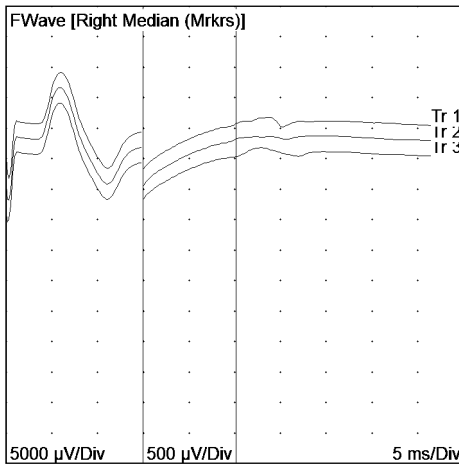
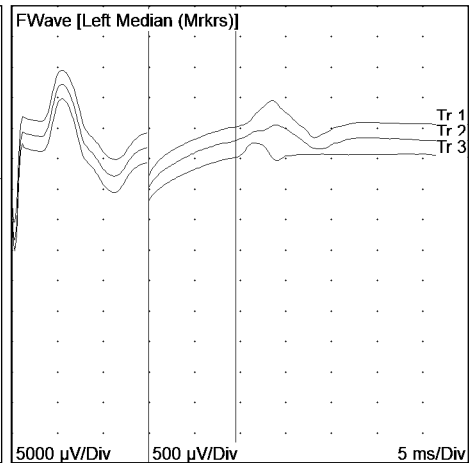
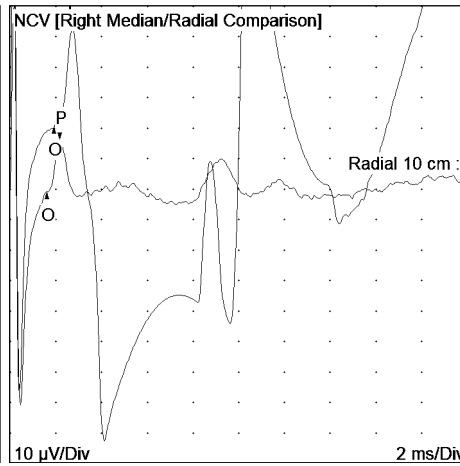
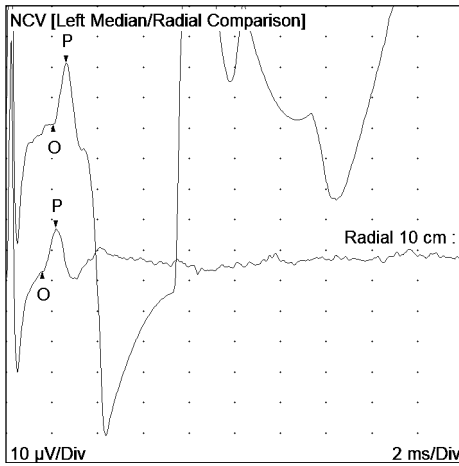
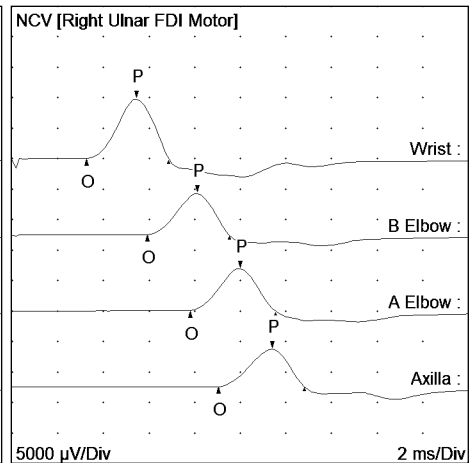
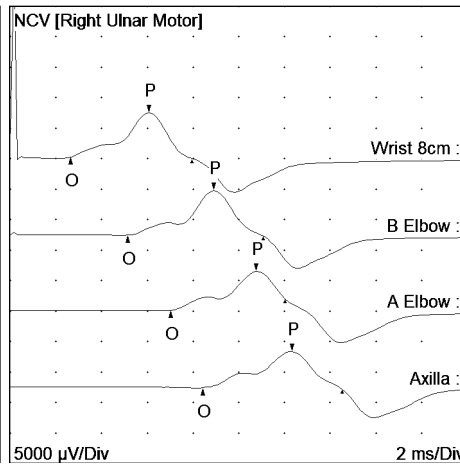
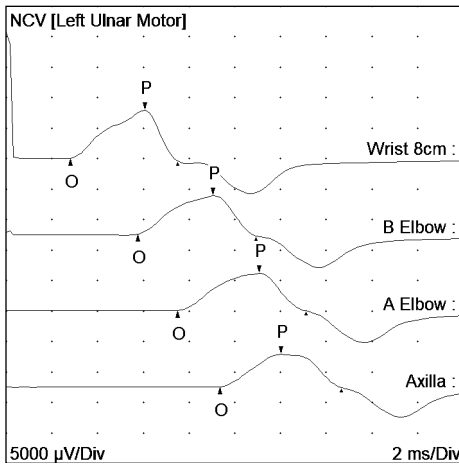
NR	F-Lat (ms)	Lat Norm (ms)	L-R F-Lat (ms)
Left Median (Mrkrs) (Abd Poll Brev)			
	24.55	<33	0.59
Right Median (Mrkrs) (Abd Poll Brev)			
	25.14	<33	0.59
Right Ulnar (Mrkrs) (Abd Dig Min)			
	24.47	<33	

EMG

Side	Muscle	Nerve	Root	Ins Act	Fibs	Psw	Other	Amp	Dur	Poly	Recrt	Int Pat	Comment
Left	1stDorInt	Ulnar	C8-T1	Nml	Nml	Nml	Nml	Nml	Nml	0	Nml	Nml	
Left	Abd Poll Brev	Median	C8-T1	Nml	Nml	Nml	Nml	Nml	Nml	0	Nml	Nml	
Left	FlexCarRad	Median	C6-7	Nml	Nml	Nml	Nml	Nml	Nml	0	Nml	Nml	
Left	BrachioRad	Radial	C5-6	Nml	Nml	Nml	Nml	Nml	Nml	0	Nml	Nml	
Right	Abd Poll Brev	Median	C8-T1	Nml	Nml	Nml	Nml	Nml	Nml	0	Nml	Nml	
Right	1stDorInt	Ulnar	C8-T1	Nml	Nml	Nml	Nml	Nml	Nml	0	Nml	Nml	
Right	ExtDigCom	Radial (Post Int)	C7-8	Nml	Nml	Nml	Nml	Nml	Nml	0	Nml	Nml	
Right	FlexCarRad	Median	C6-7	Nml	Nml	Nml	Nml	Nml	Nml	0	Nml	Nml	
Right	BrachioRad	Radial	C5-6	Nml	Nml	Nml	Nml	Nml	Nml	0	Nml	Nml	
Right	Deltoid	Axillary	C5-6	Nml	Nml	Nml	Nml	Nml	Nml	0	Nml	Nml	
Right	Triceps	Radial	C6-7-8	Nml	Nml	Nml	Nml	Nml	Nml	0	Nml	Nml	
Right	ABD Dig Min	Ulnar	C8-T1	Nml	Nml	Nml	Nml	Nml	Nml	0	Nml	Nml	

Waveforms:





			EMG / NCS Charges				
Units by Extremity			Description				
	L	R					
95886	Upper	1	EMG Complete (5 or more muscles) each extremity; with or w/out paraspinals when performed with NCS				
	Lower						
95885	Upper	1	EMG Limited (<5 muscles) each extremity; with or w/out paraspinals when performed with NCS				
	Lower						
95907			Nerve conduction studies 1-2 tests				
95908			Nerve conduction studies 3-4 tests				
95909			Nerve conduction studies 5-6 tests				
95910			Nerve conduction studies 7-8 tests				
95911			Nerve conduction studies 9-10 tests				
95912		1	Nerve conduction studies 11-12 tests				
95913			Nerve conduction studies 13- tests				
Common Modifiers used for EMG billing are: XS, 59, LT & RT							