

Supplemental Table 1A. Sensory NCS – Inpatient Examination					
Nerve / Sites	Recording Site	Latency (ms)	Peak Ampl. (µV)	Distance (cm)	Velocity (m/s)
R MEDIAN - Digit II					
Wrist	II	2.97	5.7	12	40.4
L MEDIAN - Digit II					
Wrist	II	NR	NR		
R ULNAR - Digit V					
Wrist	V	2.40	18.3	12	50.1
L ULNAR - Digit V					
Wrist	V	NR	NR		
R RADIAL - Thumb					
Forearm	Thumb	1.09	18.4	8	73.1
L RADIAL - Thumb					
Forearm	Thumb	NR	NR		
L MEDIAN CUTANEOUS NERVE OF THE FOREARM - Compare Branches					
Branch 1	G1	NR	NR		
L MUSCULOCUTANEOUS - Lateral Median Anterior Branch					
Lateral	Forearm	NR	NR		
Peak Ampl., peak amplitude; NR, No response					

Supplemental Table 1B. Sensory NCS – Post-Discharge Follow-Up					
Nerve / Sites	Recording Site	Latency (ms)	Peak Ampl. (µV)	Distance (cm)	Velocity (m/s)
R MEDIAN - Digit II					
Wrist	II	2.69	6.4	13.5	50
L MEDIAN - Digit II					
Wrist	II	NR	NR		
R ULNAR - Digit V					
Wrist	V	2.06	3.5	10.5	51
L ULNAR - Digit V					
Wrist	V	NR	NR	11	NR
R RADIAL - Thumb					
Forearm	Thumb	1.52	5.3	8.5	56
L RADIAL - Thumb					
Forearm	Thumb	NR	NR		
L MED ANTEBRACHIAL CUTANEOUS					
Elbow	Forearm	NR	NR		
L LAT ANTEBRACHIAL CUTANEOUS					
Elbow	Forearm	NR	NR		
Peak Ampl., peak amplitude; NR, No response					

Supplemental Table 2A. Motor NCS – Inpatient Examination				
Nerve / Sites	Latency (ms)	Amplitude (mV)	Distance (cm)	Velocity (m/s)
R MEDIAN - Abductor Pollicis Brevis				
Wrist	4.84	4.1		
Elbow	8.49	4.6	24	65.8
L MEDIAN - Abductor Pollicis Brevis				
Wrist	4.38	0.7		
Elbow	9.84	0.6	24	43.9
R ULNAR - Abductor Digiti Minimi				
Wrist	2.97	6.2		
Below Elbow	7.03	5.4	21	51.7
Above Elbow	8.96	5.4	10	51.9
L ULNAR - Abductor Digiti Minimi				
Wrist	2.97	2.8		
Below Elbow	9.22	1.6	24	38.4
Above Elbow	11.30	1.3	8	38.4
Median Nerve Elbow	11.41	0.3		

Supplemental Table 2B. Motor NCS – Post-Discharge Follow-Up				
Nerve / Sites	Latency (ms)	Amplitude (mV)	Distance (cm)	Velocity (m/s)
R MEDIAN - Abductor Pollicis Brevis				
Wrist	3.98	5.0		
Elbow	8.98	4.9	24	48
L MEDIAN - Abductor Pollicis Brevis				
Wrist	4.88	0.9		
Elbow	9.94	0.7	24	47
R ULNAR - Abductor Digiti Minimi				
Wrist	2.67	5.7		
Below Elbow	8.08	3.6	22	41
Above Elbow	10.23	3.2	9	42
Median Nerve Elbow	7.83	0.7		
L ULNAR - Abductor Digiti Minimi				
Wrist	3.38	1.6		
Below Elbow	8.94	1.2	21.5	39
Above Elbow	12.13	0.8	11.5	36
Median Nerve Elbow	11.10	0.3		

Supplemental Table 3A. EMG Summary Table – Inpatient Examination of Left Upper Extremity									
	Spontaneous					Motor Unit Action Potential			Recruitment
	I.A.	Fib	PSW	Fasc.	H.F.	Amp	Dur.	PPP	Pattern
DELTOID	N	None	None	None	None	N	N	N	N
BICEPS BRACHII	3+	3+	3+	None	None	N	N	N	Reduced
BRACHIORADIALIS	3+	3+	3+	None	None				No Activity
TRICEPS	3+	3+	3+	None	None				No Activity
EXTENSOR CARPI R LONG	3+	3+	3+	None	None				No Activity
FLEXOR CARPI RADIALIS	2+	2+	2+	None	None	N	N	N	N
FLEXOR DIGITORUM SUPERFICIALIS	3+	3+	3+	None	None	N	N	N	Reduced
EXTENSOR DIGITORUM COMMUNIS	3+	4+	4+	None	None				No Activity
EXTENSOR INDICIS	3+	4+	4+	None	None				No Activity
FIRST DORSAL INTEROSSEI	3+	3+	3+	None	None	N	N	N	Discrete
ABDUCTOR POLLICIS BREVIS	3+	3+	3+	None	None	N	N	N	Discrete
FLEXOR POLLICIS LONGUS	3+	3+	3+	None	None	N	N	N	Discrete
FLEXOR DIGITORUM PROFUNDUS IV	3+	3+	3+	None	None	N	N	N	Reduced
FLEXOR DIGITORUM PROFUNDUS I	3+	3+	3+	None	None	N	N	N	Reduced

I.A., insertional activity; Fib, fibrillations; PSW, positive sharp waves; Fasc., fasciculations; H.F., high frequency discharges; Amp, amplitude; Dur., duration; PPP, polyphasic potentials; N, normal

Supplemental Table 3B. EMG Summary Table – Post-Discharge Follow-Up of Left Upper Extremity									
	Spontaneous					Motor Unit Action Potential			Recruitment
	I.A.	Fib	PSW	Fasc.	H.F.	Amp	Dur.	PPP	Pattern

Supplemental Table 3B. EMG Summary Table – Post-Discharge Follow-Up of Left Upper Extremity									
	Spontaneous					Motor Unit Action Potential			Recruitment
	I.A.	Fib	PSW	Fasc.	H.F.	Amp	Dur.	PPP	Pattern
DELTOID	N	None	None	None	None	N	N	N	N
BICEPS BRACHII	N	None	None	None	None	1+	1+	1+	N
BRACHIORADIALIS	3+	4+	4+	None	None				No Activity
TRICEPS	2+	2+	2+	None	None	1-	3+	3+	Discrete
EXTENSOR CARPI RADIALIS LONGUS	3+	3+	3+	None	None	N	N	N	No Activity
FLEXOR CARPI RADIALIS	N	None	None	None	None	1-	3+	3+	N
FLEXOR DIGITORUM SUPERFICIALIS	2+	2+	2+	None	None	N	3+	3+	N
EXTENSOR DIGITORUM COMMUNIS	3+	3+	3+	None	None	N	N	N	No Activity
FIRST DORSAL INTEROSSEI	1+	1+	1+	None	None	1+	1+	2+	N
ABDUCTOR POLLICIS BREVIS	N	None	None	None	None	1+	3+	3+	Reduced
FLEXOR DIGITORUM PROFUNDUS IV & V	N	None	None	None	None	N	3+	3+	N
FLEXOR DIGITORUM PROFUNDUS II & III	N	None	None	None	None	N	2+	2+	N

I.A., insertional activity; Fib, fibrillations; PSW, positive sharp waves; Fasc., fasciculations; H.F., high frequency discharges; Amp, amplitude; Dur., duration; PPP, polyphasic potentials; N, normal

Supplemental Table 4. Laboratory Values: Vasculitis, Coagulation, and Thrombosis Studies

<u>Parameter</u>	<u>Values</u>	<u>Reference</u>	<u>Units</u>
ANA	Negative	n/a	n/a
Rheumatoid Factor	<8.4	<13	IU/mL
c-ANCA	2	0-19	AU/mL
p-ANCA	0	0-19	AU/mL
Factor V Activity	124	62-139	%
Factor VII Activity	70	50-129	%
Factor VIII Activity	184	50-150	%
Factor X Activity	102	65-150	%
Protein C Activity	139	70-150	%
Protein S Activity	65	75-125	%
Anti-thrombin III Activity	85	83-128	%
Beta-2 Glycoprotein 1 Antibody	Negative	n/a	n/a
Cardiolipin Antibody	Negative	n/a	n/a
dRVVT	0.99	≤ 1.2	Ratio
Cryoglobulin	Negative	n/a	n/a
C3 Complement	148	90-180	mg/dL
C4 Complement	37.6	12-36	mg/dL

ANA, antinuclear antibody; c-ANCA, antineutrophil cytoplasmic antibody against proteinase 3; p-ANCA, antineutrophil cytoplasmic antibody against myeloperoxidase; dRVVT, dilute Russell's viper venom time used for detection of lupus anticoagulant