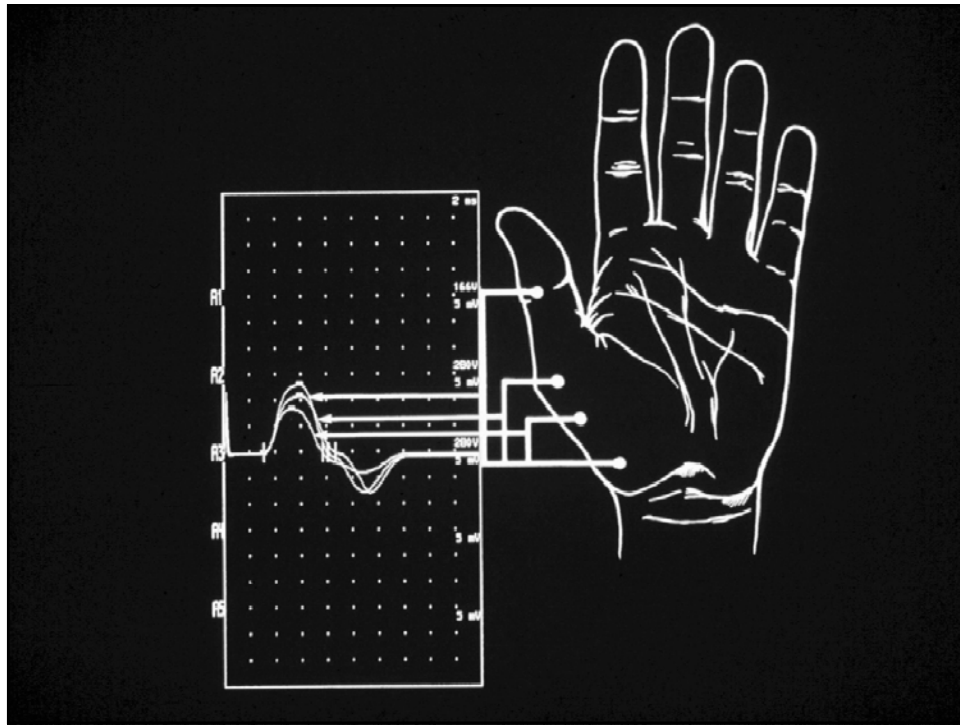


### PATIENT PROGRESS NOTES

SANDBURY, [REDACTED] Name [REDACTED]  
 [REDACTED] Birthdate 6-22-67  
 [REDACTED] Account No. [REDACTED]

DATE	PROBLEM
5-4-98	<p>[REDACTED]</p> <p>She reports persistent and worsening symptoms in her left hand of numbness and pain. She states the numbness occurs both at night and during the day at work despite the use of a cock-up splint and anti-inflammatory medication. She reports occasional numbness in the right hand but this is minimal when compared to the left. Examination reveals no thenar atrophy. There is a positive Tinel's sign at the left wrist and a positive Phalen's sign at 15 seconds of paresthesias into the tip of the middle finger. Review of her previous EMG showed minimal changes in conduction. As this was performed 8 months ago, I have recommended repeat EMG to confirm this diagnosis. She will continue with anti-inflammatory medications and the cock-up splint and I will see her following this study.</p>
5-21-98	<p>[REDACTED]</p> <p>Repeat EMG performed by Dr. [REDACTED] shows normal conduction velocities and latencies of the median nerve. She continues to have symptoms consistent with left carpal tunnel syndrome and exam reveals a positive Tinel's sign and Phalen's sign at the left wrist with paresthesias into the tips of the index and middle fingers. Given these symptoms and despite the EMG findings, I feel she likely represents an <u>EMG negative carpal tunnel syndrome</u>. I have recommended surgical release of the transverse carpal ligament and I feel she would be a good candidate for endoscopic release. This is discussed in detail with her and we will proceed with endoscopic carpal tunnel release on the left side in the near future.</p>





<b>Durations</b>									
Age group (years)	20 - 29		30 - 39		40 - 49		50 - 59		All
No. of subjects	12		10		7		9		38
	Mean (msec)	Range ( $\pm 2SD$ )	Mean (msec)	Range ( $\pm 2SD$ )	Mean (msec)	Range ( $\pm 2SD$ )	Mean (msec)	Range ( $\pm 2SD$ )	Mean
Wrist	L	1.11 0.73-1.49	1.15 0.81-1.49	1.17 0.73-1.61	1.26 1.00-1.52				1.17
	R	1.13 0.90-1.36	1.17 0.82-1.52	1.21 0.88-1.54	1.21 0.81-1.61				
		(1.12)	(1.16)	(1.19)	(1.23)				
Palm	L	1.03 0.73-1.33	1.05 0.80-1.30	1.01 0.74-1.28	1.06 0.71-1.41				1.05
	R	1.07 0.89-1.25	1.10 0.75-1.45	1.03 0.63-1.43	1.03 0.75-1.31				
		(1.05)	(1.08)	(1.02)	(1.04)				

<b>Amplitudes</b>											
Age group (years)	20 - 29		30 - 39		40 - 49		50 - 59		All		
No. of subjects	12		10		7		9		38		
	Mean ( $\mu$ Volt)	Range ( $\pm 2SD$ )	Mean ( $\mu$ Volt)	Range ( $\pm 2SD$ )	Mean ( $\mu$ Volt)	Range ( $\pm 2SD$ )	Mean ( $\mu$ Volt)	Range ( $\pm 2SD$ )	Mean ( $\mu$ Volt)		
Wrist	L	58.1	26.7-89.5	54.5	19.6-89.4	53.7	22.3-85.1	44.8	24.6-65.0	51.0	
	R	53.1	25.4-80.1	50.6	30.4-70.8	48.0	27.6-68.4	42.0	26.0-58.0		
		(55.6)		(52.6)		(50.8)		(43.4)			
Palm	L	71.8	33.0-110.6	64.4	31.6-97.2	74.3	22.2-126.4	56.9	26.1-87.7	64.9	
	R	70.3	12.7-127.9	60.7	41.4-80.0	67.0	36.4-97.6	52.2	24.7-79.7		
		(71.0)		(62.6)		(70.6)		(54.6)			

<b>Latencies</b>											
Age group (years)	20 - 29		30 - 39		40 - 49		50 - 59		All		
No. of subjects	12		10		7		9		38		
	Mean (msec)	Range ( $\pm 2SD$ )	Mean (msec)	Range ( $\pm 2SD$ )	Mean (msec)	Range ( $\pm 2SD$ )	Mean (msec)	Range ( $\pm 2SD$ )	Mean (msec)		
Wrist	L	3.00	2.65-3.35	3.08	2.62-3.54	3.17	2.73-3.61	3.21	2.63-3.79	3.13	
	R	3.00	2.74-3.26	3.15	2.68-3.62	3.14	2.73-3.58	3.27	2.73-3.79		
		(3.00)		(3.12)		(3.16)		(3.24)			
Palm	L	1.51	1.09-1.93	1.61	1.34-1.88	1.67	1.21-2.13	1.77	1.52-2.03	1.63	
	R	1.53	1.30-1.76	1.62	1.41-1.83	1.67	1.37-1.97	1.78	1.41-2.14		
		(1.53)		(1.62)		(1.67)		(1.77)			



