

**The Adelaide and Meath Hospital, Dublin,  
Incorporating The National Children's  
Hospital,  
Tallaght, Dublin 24.**



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**DEPARTMENT OF CLINICAL**

**Study ID: XXX**

**Date of Study: XXX**

Scientist: XXX

Physician: XXX

Diagnosis: Query right CTS

Ref. Physician: Dr R. Collins

Ref. Address: ARHC OPD AMNCH

**Hospital No: : XXX**

**Name: XXX**

XXX

DOB: XXX

Gender: XXX

Height: XXX cm

**Referral Details**

Patient reports approximately one year history of numbness and tingling in the distal tips of the fingers on the right. Query evidence of right carpal tunnel syndrome. There is a background history of breast cancer on the left XXX

**Nerve Conduction Findings:** (Please see enclosed table for details)

**Summary**

- As clinically suspected, bilateral carpal tunnel lesions are confirmed, **mild-moderate on the left but severe on the right**, where the median sensory responses from digits II and III are absent, in addition to marked median motor conduction slowing across the wrist.
- The ulnar nerve conduction data are unremarkable for a lady of XXX years.

Signed: \_\_\_\_\_

XXX

Consultant Clinical Neurophysiologist

XXX

MNCS							
Nerve	Lat	Amp	CV	Total Duration	Shortest F Lat	Longest F Lat	#F
	ms	mV	m/s	ms	ms	ms	#
<b>Median Motor Left</b>							
Wrist - APB	<b>4.39</b>	5.1		11.0	28.2	30.2	7.0
Elbow-Wrist	8.87	4.7	<b>48.2</b>	15.1			
<b>Median Motor Right</b>							
Wrist - APB	<b>5.62</b>	5.4		15.1	24.2	25.8	20.0
Elbow-Wrist	10.4	4.6	<b>46.9</b>	18.5			
<b>Ulnar Motor Left</b>							
Wrist - ADM	2.52	9.1		12.8	27.7	28.7	7.0
Bl. elbow-Wrist	6.47	8.1	56.7	16.7			
Ab. elbow-Bl. elbow	8.42	8.1	59.5	16.2			
<b>Ulnar Motor Right</b>							
Wrist - ADM	2.17	9.7		9.6	26.9	29.4	14.0
Bl. elbow-Wrist	6.33	8.3	53.1	13.3			
Ab. elbow-Bl. elbow	8.69	8.1	53.4	14.1			
<b>Median (FPL) Motor Left</b>							
Elbow - FPL	4.60	2.6		13.5			
<b>Median (FPL) Motor Right</b>							
Elbow - FPL	4.18	3.4		15.9			
<b>Uln/ Med Compar motor Motor Right</b>							
Uln. wrist - 1st Palmar interosseous	2.86	3.7		--			
Med. wrist - 2nd lumbrical	6.75	0.83		18.5			

## Sensory Nerve Conduction Studies

SNCS				
Nerve	Lat	Amp	CV	Positive Peak Duration
	ms	uV	m/s	ms
<b>Median Sensory Left</b>				
Dig II - Wrist	3.40	2.5	<b>34.1</b>	1.76
Dig III - Wrist	3.23	4.1	<b>36.2</b>	1.69
<b>Median Sensory Right</b>				
Dig II - Wrist	--	--		--
Dig III - Wrist	--	--		--
<b>Ulnar Sensory Left</b>				
Dig V - Wrist	2.24	1.93	47.3	1.13
<b>Ulnar Sensory Right</b>				
Dig V - Wrist	2.15	1.82	50.2	1.10
<b>Radial Sensory Left</b>				
Forearm - Snuffbox	1.54	10.5	61.7	2.0
<b>Radial Sensory Right</b>				
Forearm - Snuffbox	1.68	11.3	56.5	2.1