

## Department of Basic Science

Master Degree  
1997

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Title	:	Comparative study between iontophoresis and local injection in carpal tunnel syndrome.
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Abstract	:	
<p>The purpose of this study was to determine the effect of iontophoresis and local injection with 2% lidocaine HCL + 1 : 200.000 epinephrine and 4% dexamethasone on AROM , pain erception , NCV and MDL of median nerve in the acute CTS . the study was conducted on 30 participants with unilateral acute CTS (28 females and 2 males) with age ranged between 30-60 yrs . The results showed that there was improving in AROM and reduction in pain and MDL in the acute CTS in both of group 1 (iontophoresis)and group 3 (local injection) . And this indicate the superiority of iontophoresis over local injection because of its great advantages.</p>		
Key words	1.	Iontophoresis.
	2.	local injection
	3.	carpal tunnel syndrome.
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