

**ELECTRONIC GUIDE TO THESES APPROVED BY  
PHYSICAL THERAPY DEPARTMENT FOR NEUROMUSCULAR  
AND NEUROSURGICAL DISORDER AND ITS SURGERY  
PREPARED BY NERVEEN ABD EL SALAM ABD EL KADER AHMED**

**Physical Therapy Department for Neuromuscular and  
Neurosurgical Disorder and Its Surgery**

**Doctoral Degree  
1996**

<b>Author</b>	:	<b>Abd El-Alim Abd El-Fattah Ibrahim Atteya.</b>
<b>Title</b>	:	<b>Effect of cervical collar on dynamic balance and selected walking parameters in neurologically impaired subjects.</b>
<b>Dept.</b>	:	<b>Physical Therapy Department for Neuromuscular and Neurosurgical Disorder and its Surgery.</b>
<b>Supervisors</b>	1.	<b>Ebtessam Khattab Gad El-Mawla.</b>
	2.	<b>Azza Abbas Helmy.</b>
<b>Degree</b>	:	<b>Doctoral.</b>
<b>Year</b>	:	<b>1996.</b>
<b>Key words</b>	1.	<b>cervical collar.</b>
	2.	<b>dynamic balance.</b>
	3.	<b>Walking.</b>
	4.	<b>Neurologically impaired subjects.</b>
	5.	<b>impaired subjects.</b>
<b>Arabic Title Page</b>	:	<b>اثر الجبيرة الساندة للعنق على الاتزان الديناميكي وقياسات مختارة من المشى فى الاشخاص ذوى الاعاقة فى الجهاز العصبى .</b>
<b>Library register number</b>	:	<b>558-559,1082.</b>

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Author	:	Eglal Ahmed Mokhatar El-Nesr.
Title	:	Control of hand tremor through local cooling in parkinsonism and essential tremors.
Dept.	:	Physical Therapy Department for Neuromuscular and Neurosurgical Disorder and its Surgery.
Supervisors	1.	Nahed Ahmed Salem.
	2.	Saher Hashim
	3.	Mohamed Hassan.
Degree	:	Doctoral.
Year	:	1996.
Key words	1.	hand tremor.
	2.	local cooling.
	3.	Parkinsonism.
	4.	essential tremors.
Arabic Title Page	:	التحكم فى ارتعاش حركة اليد عن طريق التبريد الموضعى فى مرضى الشلل الرعاش ومرضى الرعشة الاولى.
<b>Library register number</b>	:	<b>602-603.</b>

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<b>Author</b>	:	Salah Abd El-Monem Sawan.
<b>Title</b>	:	The utilization of computerized feedback to achieve a symmetrical walking pattern for hemipartic patients.
<b>Dept.</b>	:	Physical Therapy Department for Neuromuscular and Neurosurgical Disorder and its Surgery.
<b>Supervisors</b>	1.	Samiha Hafez.
	2.	Mahmoud Allam.
	3.	Mohamed Sabbahi.
	4.	Mohamed Fouad Ibrahim Khalil.
<b>Degree</b>	:	Doctoral.
<b>Year</b>	:	1996.
<b>Abstract</b>	:	<p>The purpose of this study was to evaluate the effect of positional computerized feedback during training program on the gait pattern and symmetry in stroke patients. forty male subjects aged between (32-57 years) with cerebrovascular accidents (CVA) were selected in this study. selection criteria included: duration of illness, ranging from six to eleven months. all were functionally ambulatory. the sample was screened to insure exclusion of unstable medical conditions, and other factors. subjects were tested for the knee and hip joint flexion angles of both the affected and the unaffected sides during treadmill walking and free walking using the electrogoniometer. the foot switches were also used to measure the foot floor contact (stride time, stance time, and swing time). subjects were randomly divided into two equal groups, study group (1) received computerized feedback training during treadmill walking and the control group (2) received treadmill training only. both groups received the training for 30 minutes, every other day, for one month. seven hypotheses were tested using analysis of covariance (ANCOVA) to evaluate the significance of the difference between pre-test and post-test Measures in each group and also the difference between the two groups. the results showed significant positive changes in the study group patients as compared to control group patients. finally, this study proved that computerized feedback training produces a better gait pattern for hemiparetic patients .</p>
<b>Key words</b>	1.	computerized feedback.
	2.	walking.
	3.	Hemipartic patients.
<b>Arabic Title Page</b>	:	استعمالات التغذية الرجعية المبرمجة للحصول على عملية المشى المنتظم لمرضى الشلل النصفي .
<b>Library register number</b>	:	586-587.

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Author	:	Usama Mohamed Rashad.
Title	:	Effect of lidocaine on hypertonicity in hemiplegic patients.
Dept.	:	Physical Therapy Department for Neuromuscular and Neurosurgical Disorder and its Surgery.
Supervisors	1.	Samiha Hafez Hassan.
	2.	Azza Abbas Helmy.
	3.	Ann Ali Abd El-Kader.
Degree	:	Doctoral.
Year	:	1996.
Key words	1.	Lidocaine.
	2.	Hypertonicity.
	3.	hemiplegic patients.
Arabic Title Page	:	تأثير المخدر الموضعي على مرضى الشلل النصفي الطويل .
<b>Library register number</b>	:	<b>594-595.</b>

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