

**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

Master Degree
2004

Author	:	Amir Abdel-Raouf Fadl EL-Fiky.
Title	:	Physical therapy management for chemotherapy-induced neuropathy in cancer patients.
Dept.	:	Physical Therapy Department for Neuromuscular and Neurosurgical Disorder and its Surgery.
Supervisors	1.	Mohammad Sadek Badawy.
	2.	Zlkry Khaled Zlkry.
	3.	Salah Abd EL-Monem Sawan.
Degree	:	Master.
Year	:	2004.
Abstract	:	
<p>The objective of this study was to evaluate the role of physical therapy modalities in managing chemotherapy-induced neuropathy in cancer patients. thirty patients participated in this study . Patients were randomly divided into study and control groups (fifteen patients on each). the program consisted of , interferential current (step I), and repeated contraction (specific technique of proprioceptive neuromuscular facilitation)(step II). the program was conducted three times/week for six weeks for the study group only . the patients were assessed for location of the site of pain , intensity of pain , active range of motion of ankle dorsi flexion , and level of superficial sensation on their feet . these measures were recorded pre treatment , and at the end of six weeks . the results of this study showed significant decrease in the intensity of pain and increase level of superficial sensation in patients of study group in comparison to the control group at the end of the program . It can be concluded that this suggested program is effective in decreasing the pain and increasing functional activities in chemotherapy-induced neuropathy in cancer patients.</p>		
Key words	1.	Pain.
	2.	Polyneuropathy.
	3.	Chemotherapy.
	4.	cancer.
Arabic Title Page	:	العلاج الطبيعي لحالات التهابات الاعصاب الطرفية الناتجة عن العلاج الكيماوى فى مرضى السرطان.
Library register number	:	1032-1033.

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Author	:	Mohamed Fathi ramadan El-Sultan.
Title	:	Influence of a shoe lift insert in hemiparetic gait.
Dept.	:	Physical Therapy Department for Neuromuscular and Neurosurgical Disorder and its Surgery.
Supervisors	1.	Nawal Abd El-Raouf Abou Shady.
	2.	Usama Mohamed Rashad.
	3.	Eman Samir Mohamed Fayez.
Degree	:	Master.
Year	:	2004.
Abstract	:	
<p>The purpose of this study was to evaluate the influence of a lift insert in improving the symmetry of weight bearing between the effected and the non-affected foot in hemiparetic patients. Twenty hemiparetic patients participated in the study . the treatment program consisted of application of a shoe lift insert , in addition and physical therapy program (balance and gait training). the program was conducted three times / week for six weeks . the measurements were recorded at pre treatment , after three weeks and at the end of six weeks of treatment . the results of the study showed significant improvement in the symmetrical weight bearing and parameters of dynamic gait and effective in improving weight bearing under the affected and non affected foot.</p>		
Key words	1.	shoe lift insert.
	2.	Hemiparesis.
	3.	Gait.
Arabic Title Page	:	تأثير استخدام رافع القدم داخل الحذاء على مشى الخذل الجانبي.
Library register number	:	1036-1037.

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Author	:	Wanees Mohamed EL-Amir Mohamed Rashad.
Title	:	Trunk muscles torque as a predictor of falling in stroke patients.
Dept.	:	Physical Therapy Department for Neuromuscular and Neurosurgical Disorder and its Surgery.
Supervisors	1.	Salah Abd-ELmonem Sawan.
	2.	Ebtsam mohammed Fahmy.
	3.	Gehan Mousa Ahmed.
Degree	:	Master.
Year	:	2004.
Abstract	:	
<p>The purpose of this study was to determine the relationship between trunk muscles torque and the risk of falling in stroe patients . forty male patients were randomly assigned to a study group and a control group . both groups received a physical therapy program . the study group received additional strength program for the trunk flexor and extensor muscles . the program was conducted for three times per week , for six weeks . the patients were assessed by using fitness isokinetic dynamometer and biodex stability system before and after treatment . the results showed that the trunk muscles torque can be considered as a predictor of falling in stroke patients.</p>		
Key words	1.	Trunk.
	2.	Torque.
	3.	Isokinetic.
	4.	Balance.
	5.	Stroke.
Arabic Title Page	:	عزم قوة عضلات الجذع كعامل تنبؤ للسقوط في حالات شلل السكتة الدماغية.
Library register number	:	1030-1031.

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