

**ELECTRONIC GUIDE TO THESES APPROVED BY PHYSICAL
THERAPY DEPARTMENT OF SURGERY
PREPARED BY NERVEEN ABD EL SALAM ABD EL KADER AHMED**

Physical Therapy Department of Surgery

**Master Degree
2002**

Author	:	Anwer Abd El-Gayed Ebeed.
Title	:	Role of Isokinetic training on muscle torque after thermal burn injury.
Dept.	:	Physical Therapy Department for Surgery.
Supervisors	1.	Adel Abd El- Hamid Nossier.
	2.	Salah Eldin Abd El-Ghany Mohamed.
	3.	Ibrahim El-Sayed Abd El-Zaher.
Degree	:	Master.
Year	:	2002.
Abstract	:	
<p>The purpose of this study were to determine the effect of thermal burn injury on muscle torque also to determine the role of isokinetic training protocol on muscle torque thirty voluntaries were participated in this study, with total body surface area 20-25% the torque of quadriceps of both sides was measured by using Akron rehabilitation system. isokinetic training protocol was applied to the affected side, measurement, were made after 24 week's for both quadriceps results, there were statistical significant difference in torque of affected and control side which indicate that thermal burn injury affect muscle torque and isokinetic training protocols had high effect on development of muscle torque useful therapeutic tool in management of chronic burns.</p>		
Key words	1.	Isokinetic training.
	2.	muscle torque.
	3.	thermal burn injury.
	4.	physical therapy lower limb.
	5.	Physical Therapy.
Arabic Title Page	:	دور التدريب المتساوى على العزم العضلى بعد الصابة بالحروق.
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Author	:	Heba Ahmed Bahey El-Dein Ahmed.
Title	:	Physical therapy approach after plastic surgery in crushed hand.
Dept.	:	Physical Therapy Department for Surgery.
Supervisors	1.	Ahmed Hassan Hussein.
	2.	Mahmoud Magdy Sherif.
	3.	Wafaa Hussein Borhan.
Degree	:	Master.
Year	:	2002.
Abstract	:	
<p>The aim purpose of this study was to assess the available physical therapy approach after plastic surgery in crushed hand . sixty five hand surgeons and 60 physiotherapists filled out a handed - in questionnaires and two check lists were utilized . the results of the study showed that the majority of selected hospitals lack specialized hand therapists , both therapeutic and measuring equipment and tools for hand and communication among medical team members. Additionally, the study showed the most commonly used modalities and techniques for associated problems of crushed hand in participated hospitals. the study concluded that an emphasis should be experienced hand therapist and well equipped departments for such patients and continued communication between medical team members .</p>		
Key words	1.	Physical therapy approach.
	2.	crushed hand.
	3.	plastic surgery.
	4.	Physical Therapy.
Arabic Title Page	:	اسلوب علاج طبيعي مقترح لما بعد جراحة التجميل لانسحاق اليد.
Library register number	:	918-919.

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Author	:	Mostafa Saber Ibrahim.
Title	:	The evaluation of non-invasive intermittent positive pressure breathing in the management of pulmonary complications after open heart surgery.
Dept.	:	Physical Therapy Department for Surgery.
Supervisors	1.	Adel Abdel Hamid Nossier.
	2.	Diaa Abu Shouka.
	3.	Ibrahim E. Abd El-zaher.
Degree	:	Master.
Year	:	2002.
Abstract	:	
<p>This study was conducted to evaluate the efficacy of non-invasive intermittent positive pressure breathing (IPPB), in the management of pulmonary complications after open heart surgery. Twenty patients were treated with traditional chest physical therapy program. the other twenty patients were treated with non-invasive IPPB in addition to traditional chest physical therapy program . post operative pulmonary complications were reduced in both groups and there was no statistical significance difference between two groups.</p>		
Key words	1.	Chest physical therapy.
	2.	heart surgery.
	3.	post operative complications.
	4.	intermittent positive pressure breathing.
	5.	physical therapy.
Arabic Title Page	:	تقييم جهاز ضغط التنفس الايجابي المتقطع الغير تداخلي في علاج مشاكل الجهاز التنفسي بعد عمليات القلب المفتوح.
Library register number	:	864-865.

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Author	:	Sayed Aabd El-Moneim Tantawy.
Title	:	Pressure ulcers responses to iontophoresis.
Dept.	:	Physical Therapy Department for Surgery.
Supervisors	1.	Emam Hassan El-Negamy.
	2.	Adel Abd El-Hamed Nossier.
	3.	Helmy Abd El-Halim El-Dessouky.
Degree	:	Master.
Year	:	2002.
Abstract	:	
<p>This study was conducted to evaluated pressure ulcers responses to iontophoresis . at Agouza Rehabilitation Center and Inpatients Departments Neurosurgery Unit at Cairo University Hospitals 40 male patients suffering from pressure ulcers with incomplete spinal cord injuries participated in this study . twenty patients were treated with placebo iontophoresis and regular wound care (group 1). the other twenty patients were treated with zinc iontophresis in addition to the regular wound care (group 2). Evaluation of pressure ulcers was through measuring the wound surface area (WSA) pre , post 12 days and post 24 days by tracing method according to Bohannon and Paler (1983). there was no significant deference in the WSA between both groups before starting the treatment procedure. while there was a significant differences between both groups ($P > 0.05$)after 12 days of treatment application. also there was a significant difference between both groups ($P > 0.05$) after 24 days of treatment application. it has been concluded that the application of zinc iontophoresis treatment is valuable method for treating and improving rate of healing process of patients with incomplete spinal cord injuries and had pelvic pressure ulcers.</p>		
Key words	1.	Pressure ulcers.
	2.	Zinc.
	3.	Iontophoresis.
	4.	physical therapy.
Arabic Title Page	:	استجابة قرح الفراش للعلاج بالتاين الكهربائي.
Library register number	:	874-875.

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