

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

## Physical Therapy Department for Musculoskeletal Disorder and Its Surgery

Master Degree  
1996

Author	:	Ashraf Ramdan Hafez.
Title	:	Physical therapy program in relation to selected functional parametrs for spondylolisthetic.
Dept.	:	Physical Therapy Department for musculoskeletal disorder and its Surgery.
Supervisors	1.	Abd El-Rahman Ali Chabara.
	2.	Youssry Mohamed Kamal El-Hawary.
	3.	Nadia Abd El-Azim Fayaz.
Degree	:	Master.
Year	:	1996.
Abstract	:	
<p>The purpose of this study was to examine the effect of a physical therapy program on spondyloisthetic patients twenty patients participated in this study and their age ranged between 40 and 60 years. they suffered from degenerative spondylolisthesssis manifested by moderate to severe low back pain with restricted range of motion of the trunk and affected active daily living. All of patients were submitted to graduated abdominal strengthening exercises, stretching of ontracted muscles namely those of the lower back (spinalis muscle), Hamstrengs and iliopsoas muscles. the program was applied daily for 6 weeks, followed monthly for 6 months. the data were recorded before and after the program. there was a significant improvement of symptoms following the program. it was cincluded that the program has a good results for cases of degenertive spondylisthesis.</p>		
Key words	1.	functional parametrs.
	2.	Spondylolisthetic.
Arabic Title Page	:	تأثير برنامج علاج طبيعي على بعض القياسات الوظيفية لحالات الانزلاق الفقارى الامامى.
Library register number	:	608-609.

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Author	:	Manal M. Ismail.
Title	:	The effect of different techniques of application of continuous passive motion on hand mobility after flexor tendon repair.
Dept.	:	Physical Therapy Department for musculoskeletal disorder and its Surgery.
Supervisors	1.	Ahmed Hassan Hussein.
	2.	Ahmed Ahmed Morra.
	3.	Ahmed Mohamed El-Bialy.
Degree	:	Master.
Year	:	1996.
Abstract	:	<p>The purpose of this study was to investigate the effect of using continuous passive motion (CPM) at different range of motion of the interphalangeal (IP) joints after flexor tendon repair. twenty two patients (32 digits) with injury of the flexor digitorum profundus (FDP) and or flexor digitorum superficialis (FDS) in zone I, II or III participated in the study. two groups of patients had used the CPM machine. the first group (7 patients, 10 digits) used the CPM for full range of motion of the proximal and distal interphalangeal joints. the second group (8patients, 10 digits) used the CPM for only 30 degrees and 60 degrees of the proximal and distal interphalangeal joints respectively. the third group (7 patients, 12 digits) was a control group. the CPM with average frequency 160 cycles per hour was used every day for 7 hours per day, for 3 weeks immediately after the operation. the data recorded at 3, 5, 8, and at more than eight weeks. it was found that the active motion of the interphalangeal joints were significantly higher in group two than group one at 3 and 5 weeks. at 8 and more than 8 weeks, there was no significant difference between group one and group two. it was concluded that CPM produce a higher results concerning the range of montion (ROM) after flexor tendon repair whether it is used for full range or only through 30 degrees DIP and 60 degrees PIP when compared with the third group by the dynamic splint only.</p>
Key words	1.	passive motion.
	2.	hand mobility
	3.	flexor tendon repair.
Arabic Title Page	:	تأثير استخدام جهاز التمرينات السلبيه المستمرة على مرونة مفاصل اليد بعد عمليات تصليح الأوتار.
Library register number	:	564-565.

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Author	:	Nabil Saber Farag.
Title	:	The use of different exercises techniques in treatment of mechanical dysfunction of patellofemoral joint in selected
Dept.	:	Physical Therapy Department for musculoskeletal disorder and its Surgery.
Supervisors	1.	Ahmed Hassan Hussein.
	2.	Fatma Sedik Amin.
	3.	Bassem G. El-Nahass.
Degree	:	Master.
Year	:	1996.
Abstract	:	
<p>Patellofemoral disorders especially among the population of young adults present a diagnostic and therapeutic challenge for both orthopaedist and physiotherapist. It is generally agreed that in order to treat the patellofemoral malalignment, the extensor mechanism must be properly aligned by conservativ means rather than operative ones. The purpose of this study was to assess the different types of resitive exercises, especially the isokinetic techniques as a new modality which has not been evaluated before in comparison with isotonic and isometric means in treatment of medial and lateral patellar malalignment.</p>		
Key words	1.	Exercises.
	2.	mechanical dysfunction
	3.	patellofemoral joint.
Arabic Title Page	:	استخدام بعض التمرينات العلاجية فى علاج الخلل الميكانيكى لمفصل عظمة الرضفة مع اسفل عظمة الفخذ.
Library register number	:	576-577.

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