

**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

Doctoral Degree
2002

Author	:	Ashraf Ramadan Hafez.
Title	:	Modified physical therapy program versus surgical approach in management of spondylolisthetic patients.
Dept.	:	Physical Therapy Department for musculoskeletal disorder and its Surgery.
Supervisors	1.	Bassem G. EL Nahass.
	2.	Youssry Mohamed Kamal El-Hawary.
	3.	Salwa Fadle ABD El-Mageed.
Degree	:	Doctoral.
Year	:	2002.
Abstract	:	
<p>The purpose of this study was to compare between the effect of modified physical therapy program and surgical approach in management of spondylolisthetic patients and to detect the main indications for surgical approach . the study,included fourty patients divided into two groups,the first group (20 patients)following a modified physical therapy program,three sessions per week for three months , the second group(20 patients)submittd to surgical approach only . there was a highly significant improvement in the exercise group and no or low improvement in the second group therapeutic exercise program can be described for spondylolisthetic patients as an alternative to surgical interference which is indicated only in cases of bowel or bladder disturbances .</p>		
Key words	1.	Low back pain.
	2.	Posture.
	3.	Pathomechanics.
	4.	lumbar stability.
	5.	lumbar mobility.
	6.	lumbosacral angle.
	7.	Spondylolisthesis.
	8.	surgical management.
	9.	conservative management.
Arabic Title Page	:	مقارنة بين برنامج علاج طبيعي معدل والجراحة لمرضي الانزلاق الفقارى الامامي.
Library register number	:	854-855.

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Author	:	Huda Mohyee Mohammed Ibrahim.
Title	:	Physical examination vs. ultrasonography in the evaluation of the lateral ligament injury of the ankle.
Dept.	:	Physical Therapy Department for musculoskeletal disorder and its Surgery.
Supervisors	1.	Bassem G. El-Nahass.
	2.	Naguim Abdel Wahab.
	3.	Alyosmanel Mofty.
Degree	:	Doctoral.
Year	:	2002.
Abstract	:	
<p>The purpose of this study was to compare the efficiency of the clinical physical examination in relation to ultrasonography in the evaluation of the lateral ligament injury of the ankle, within 48 hours after injury, after 4-7 days of injury, and after 6 weeks of functional rehabilitation program. thirty-two patients participated in the study. they were evaluated by physical examination and ultrasonography in the three evaluations. functional rehabilitation program was applied for all the patients. data were collected and analyzed. results showed that the difference was not statistically significant between the initial and delayed physical examination and ultrasonography for most of the ligaments. there was significant difference between initial and delayed ultrasonography (US) evaluations as regard to anterior talofibular ligament (ATFL) injury, and between both physical examinations for grade I of calcaneofibular ligament (CFL) injury. there was significant difference between physical examination and ultrasonography for CFL in the initial evaluation, but it was not significant for all the ligaments in the delayed evaluation. it was concluded that the physical examination is efficient in relation to ultrasonography in the evaluation of the lateral ligament injury of the ankle. follow-up evaluations proved the efficiency of the rehabilitation program.</p>		
Key words	1.	Ankle.
	2.	later ligaments.
	3.	Sprain.
	4.	Evaluation.
	5.	physical examination.
	6.	Ultrasonography.
	7.	rehabilitation.
Arabic Title Page	:	الفحص الفيزيائي مقارنة بالموجات فوق الصوتية في تقييم إصابة الرباط الوحشي لمفصل الكاحل.
Library register number	:	912-913.

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Author	:	Nabil Saber Farag.
Title	:	Predicton of mechanical patellofemoral dysfunction as a result of muscle endurance insufficiency in patients suffering from anterior knee pain.
Dept.	:	Physical Therapy Department for musculoskeletal disorder and its Surgery.
Supervisors	1.	Bassem G. El-Nahass.
	2.	Yehia Nasef Mohomed.
Degree	:	Doctoral.
Year	:	2002.
Abstract	:	
The purpose of this study was to find if there is a relationship between endurance insufficiency of the quadriceps and hamstring muscles and maltracking of the patella in sedentary individuals this study stated that therre is aclose relationship between the muscle endurance insufficiency and hamstring -quadriceps endurance insufficiency is considered a predisposing factor for patellar maltracking patellar cartilage derangement.		
Key words	1.	patellofemoral
	2.	Malalignment.
	3.	muscle insufficiency.
	4.	Isokinetics.
	5.	endurance insufficiency.
	6.	anterior knee pain.
Arabic Title Page	:	استنتاج الخلل الميكانيكي لمفصل عظمة الرضفة مع اسفل عظمة الفخذ نتيجة لعدم كفاية تحمل العضلات فى المرضى الذين يعانون من الم امامي بمفصل الركبة.
Library register number	:	858-859.