

**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
1991**

Author	:	Mohamed Farouk Ali.
Title	:	Effect of laser on knee osteoarthritis.
Dept.	:	Physical Therapy Department for musculoskeletal disorder and its Surgery.
Supervisors	1.	Abd El-Rahman Chabara.
	2.	Mohamed Reda Mohamed Awad.
Degree	:	Master.
Year	:	1991.
Key words	1.	Lasers.
	2.	knee osteoarthritis.
	3.	osteoarthritis.
Arabic Title Page	:	تأثير الليزر على خشونة مفصل الركبه (التهاب الركبة المفصلى).
Library register number	:	332-333.

**PHYSICAL THERAPY
LIBRARY
THESES 1991**

**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**

Author	:	Mones el-Sayed Mohamed El-Azzawi.
Title	:	Effect of transcutaneous electrical nerve stimulation on reducing pain of the knee joint in osteoarthritis.
Dept.	:	Physical Therapy Department for musculoskeletal disorder and its Surgery.
Supervisors	1.	Awatif Mohamed Labib.
	2.	Hazim Abd El-Azeem.
	3.	Fatma Sedeek.
Degree	:	Master.
Year	:	1991.
Key words	1.	TENS (transcutaneous electrical nerve stimulation).
	2.	pain of the knee joint.
	3.	osteoarthritis.
Arabic Title Page	:	تأثير التنبيه العصبى الحسى على تخفيف الألم فى حالات خشونة الركبة .
Library register number	:	335-336.

**PHYSICAL THERAPY
LIBRARY
THESES 1991**

**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**

Author	:	Zain Elabden Hassan.
Title	:	The value of passive joint mobilization the treatment of frozen shoulder.
Dept.	:	Physical Therapy Department for musculoskeletal disorder and its Surgery.
Supervisors	1.	Abd El
	2.	Bassem El
	3.	Tarek Abd El
Degree	:	Master.
Year	:	1991.
Abstract	:	
<p>The purpose of this study was to investigate the effect of passive mobilization in patients with painful restricted shoulder. thirty patients with painful glen humeral restriction were randomly placed in one of two group. in order to enhance extensibility of the soft tissues around the shoulder and overcome muscular spasm, the two groups received ultrasound prior to exercises programs. the experimental group received passive mobilization and active exercises three times per week for two months; the control group received active exercises only isolated passive and active glen humeral flexion abduction and external rotation were taken initially and at weekly intervals during the two months of treatment. the experimental group gained more rang glen humeral motion tested than the control group with significant differences in both passive flexion and abduction. this promote the use of passive movement especially combined with active exercises preceded by ultrasound in the treatment of frozen shoulder.</p>		
Key words	1.	Joint mobilization.
	2.	Frozen shoulder.
	3.	Shoulder.
Arabic Title Page	:	أثر التليين السلبي لمفصل الكتف المتجمد.
Library register number	:	345-346.