

**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  
2012

Author	:	Ghada Mohamed Korah.
Title	:	Efficacy Of Myofascial Release In Treatment of Postural Scoliosis.
Dept.	:	Physical Therapy Department for musculoskeletal disorder and its Surgery.
Supervisors	1.	Ahmed Hassan Hussein.
	2.	Nadia Abd Elazim Faiaz.
	3.	Yousry Mohamed ELhawary.
	4.	Lilian Albert Zaki.
Degree	:	Doctoral.
Year	:	2012.
Abstract	:	
<p><b>Background:</b> postural scoliosis is a common problem which affect the population specially female subjects. Back pain, and functional disabilities tend to show the common symptoms in scoliotic patients in addition to the cob angle which is the main problem in scoliosis. Purpose of this study was to examine the efficacy of myofascial release (MFR) on patients with postural scoliosis. <b>Subjects and Methods:</b> Thirty female patients were assigned randomly in to 2 groups. Subjects in the control group (n = 15) received stretching and strengthening exercises of the back, and subjects in the experimental group (n = 15) received myofascial release and same exercises. The following parameters including pain severity, functional disability and back rang of motion (flexion, extension, right side bending and left side bending) and cobb angle were measured before and after 6 weeks of treatment. <b>Results:</b> The results showed significant improvement in all parameters in experimental group compared with those at control group except cobb angle. <b>Conclusion:</b> on the basis of the present date, it is possible to conclude that MFR is effective as a method of treatment for postural scoliotic patients.</p>		
Key words	1.	myofasical release.
	2.	postural scoliosis.
	3.	Scoliosis.
Arabic Title Page	:	تأثير انفراج النسيج العضلي الضام في علاج الجنف القوامي.
Library register number	:	3017-3018.