

Department of Biomechanics

Master Degree
1997

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Title	:	Effect of different angles of spring suspension on myoelectric activity of gluteus maximus muscle.
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Abstract	:	
<p>The purpose of this study was to investigate the effect of changing the sites of springs suspension on the myoelectric activity of the right gluteus maximus muscle. The study was conducted on the right leg of 30 male subjects of an average age of 23 (-+1.25) years . The springs were set at different sites on the overhead mesh. Surface electromyography (SEMG) was used to record the EMG activity of the right gluteus maximus when the subject extends his leg . The results showed that the first site of increment in the forward (Ankle) direction at the over head mesh is the position of choice for training.</p>		
Key words	1.	Angles of spring suspension.
	2.	Myoelectric activity.
	3.	Gluteus maximums muscle.
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