ELECTRONIC GUIDE TO THESES APPROVED BY DEPARTMENT OF BIOMECHANICS

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Title	:	Hazards during exposure to low and high electromagnetic
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Abstract	:	

Physiotherapists use wide range of frequencies of electromagnatic spectrum (0.1Hz - 2.5GHz) for treatments of patients . they receive accumulative and unmeasured does from their professional work daily . therefore the aim of the present work is to investigate the radiation hazards from occupational exposures physiotherapists and try to interact the phenomena with animal studies . since physiotherapists are exposes to extremenly low and high frequency, radiation epidemiological study will include low and mixed low and high frequency effects. the work also studied the effect of short wave 27.2MHz on the blood on Guinea pig as well as 50 Hz eclectics fields . it was concluded that there is a risk from occupational exposures of physiotherapist to electromagnatic radiation and there is an insist need for considering them is radiation workers, this demands periodical medical investigation for them all workers, this demands periodical medical investigation for them and all workers in the department of physiotherapy in hospitals and giving stress on the CPK, ALP and SGOT level . it was also recommended that authorities should bay down low for mobilizing radiation exposures to protect and control safe exposures of physiotherapist and measure the radiation fields around radiation emitting equipment.

Key words	1.	Low and high electromagnetic fields.
	2.	enzymatic activities.
	3.	human exposure.
	4.	animal exposure.
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