

Department of Basic Science

Master Degree
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Title	:	The effect of vita - merfen phonophoresis on the healing of bed sores.
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Abstract	:	
<p>The purpose of this study was to compare between the effects of vita merfen phonophoresis and topical application of the medication on acceleration of healing process of bed sores. Subjects, thirty males patients suffered from spinal cord injury with pelvic bedsores were randomly assigned to equal three groups . Method , the first group received vita - merfen phonophoresis with frequency 3 MHz . and intensity 0.50 W/cm² , pulsed US with ratio 1:4 for 5 minutes for each 5 cm² , the second group received vita - merfen topical application , and the third group assigned as control group all treatment protocols were given tree times per week for a period of 28 days the wound surface area was measured pretreatment and after 6 sessions and after 12 sessions . Results , results showed that vita -erfen phonophoresis group had the best results after 12 sessions in 28 days with percentage of improvement 92.38% followed by topical application group 63.53% and the least results obtained by the control group 9.30% . Conclusion , the final results clarified that vita - merfen phonophoresis could be considered one of the most appropriate methods that can accelerate healing of bedsores.</p>		
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	2.	healing of bed sores.
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