

University of Baghdad

College Name	Institute of laser for postgraduate studies		
Department	Biomedical application department		
Full Name as written in Passport	ALI SHUKUR MAHMOOD		
e-mail	alidyni@yahoo.com		
Career	<input type="radio"/> Assistant Lecturer	<input type="radio"/> Lecturer	<input checked="" type="radio"/> Assistant Professor
	<input type="radio"/> Professor		
Research Title	Histological Evaluation of Incision Healing Response Made by Metallic Scalpel on Rabbits Skin: Preliminary Study		
Shared or Single	<input checked="" type="radio"/> Shared name	Mohammed Mahmood Jawad1), Mohammad Khursheed Alam1), Sarah Talib AbdulQader2), Lehadh Mohammed Al-Azzawi3), Adam Husein4), Ali Shukur Mahmood3)	<input type="radio"/> Single
Published Journal title	International Medical Journal		
Volume Number	Vol. 20, No. 4, pp. 496 - 498 , August 2013		
Page			
Year			
Abstract	<p>Background: The purpose of this study was to evaluate the histological healing response of soft tissue incision made by metallic scalpel on rabbits skin.</p> <p>Materials and Methods: Twenty eight (28) rabbits were used, five incisions were made on the skin of each rabbit by scalpel.</p> <p>The incisions were grouped into two major groups as scalpel incisions and a control group of normal rabbit skin. The groups were subdivided into seven subgroups according to the time of sacrificing the animals for evaluation which was on 12h, 1, 3, 7, 14, 21, and 28 days respectively. Every subgroup was made of four rabbits.</p> <p>Results and Conclusion: The results of this study showed the regeneration occurred fast with low contraction in interval period of 7 days after wound. The best microscopic healing results were seen in all subgroups after 14 days of wound healing interval.</p> <p>KEY WORDS soft tissue, tissue repair, clinical response, surgical incision, skin</p>		