



## Morphophysiological Evaluation of a Kind of Propolis in Tissue Repair in Diabetic Rats

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**SUMMARY.** The objective of this work was to study the effects of green propolis on skin wounds in diabetic rats. We used 10 animals, creating two wounds of 5 mm in diameter on the dorsal region, using a punch. The left wounds were treated topically with Brazilian green propolis (5 %) while the right wounds received nothing. The tissue repair was evaluated in microscopy after 72 h. The results showed similar numbers of leukocytes and macrophages, however the number of fibroblasts, cell density and fibrillogenesis were increased in the experimental group, indicating the action of propolis on the skin wounds.

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