

## Evaluation of Wound Healing Activity of *Phlomis bovei* De Noe in Wistar Albino Rats

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**Abstract :** Healing is a biological phenomenon that is automatically and immediately implemented by the body that is able to repair the physical damage of all tissues except nerve cells. Lot of medicinal plants is used for the treatment of a wound. Our ethnobotanical study has identified 19 species and 13 families of plants used in traditional medicine in Oran-Algeria for their healing activities. The *Phlomis bovei* De Noe was the species most recommended by herbalists. Its phytochemical study revealed different secondary metabolites such as terpenes, tannins, saponins and mucilage. The evaluation of the healing activity of *Phlomis bovei* in wistar albinos rats by excision wound model showed a significant amelioration with 5 % increase of the surface healing compared to the control group and a gain of three days of epithelialization time with a scar histologically better.

**Keywords :** *Phlomis Bovei* De Noe, ethnobotanical study, wound healing, wistar albino rats

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