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Perspective

The Hydroalcolic Extraction of *Falcaria Vulgaris* Used For the Treatmeant of Diabetic Foot Ulcer and Its Effects

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PROBLEM STATEMENT

Diabetes or diabetes is a common and debilitating disease in humans that can cause serious problems for the organs. One of these problems is chronic and resistant to chronic ulcers that are commonly found on the feet of these patients. This condition is also called Diabetic Foot Diabetic.. Chemical compounds were determined by the use of the Gcmass machine. But mostly resin and fatty acids has been seen in the plant. The role of resin: it acted as Tissue regeneration.It provides environmental nutrient for cell division mitosis and therefore tissue healing process occurs.- Fatty acids exist in solvent extraction plant acts as nutrients or growth factors, and should be investigated.. The *Falcaria Vulgaris* Chemical compounds the role of resin: it acted as tissue regeneration. It provides environmental nutrient for cell division mitosis and therefore tissue healing process occurs.

METHODS

The plant was collected and dried in an open air in spring and then its scientific name was identified and determinedat the Herbarium of the Faculty of Pharmacy, Tehran University of Medical Sciences. And a herbarium code will be achieved. First of all, we cleaned and disinfected the plant, and then it will be powered by using a grinding machine and (sieve). The drying time of the initial plant took a week. The initial plant weight is 677 grams. It is known as Maceration or soaking method. It took place away from light at ambient temperature and environmental conditions. In fact, the aboveground plant was used.).

The final extract was 279/7 gram which was pulpous state because it contains a small amount of alcohol. And it turns into the ointment for treatment. . It is known as Maceration or soaking method. It took place away from light at ambient temperature and environmental conditions. In fact, the aboveground plant was used. It was topically used over the body surface of the ratfor two weeks..

Chemical compounds were determined by the use of the Gcmass machine. But mostly resin and fatty acids hasbeen seen in the plant.

The role of resin

It acted as tissue regeneration. It provides environmental nutrient for cell division mitosis and therefore tissue healing process occurs. Fatty acids exist in solvent extraction plant acts as nutrients or growth factors, and should be investigated the role and application: resin: Nutrients provides the environment to create cell mitosis and mitotic divisions inthe cell and to regenerate tissue faster. Resin has adherence properties.

RESULTS

We cleaned the rat's nape with a razor– we took a circle with 0 cm diameter from the rat skin and then we began the treatment: we used topical treatments. The day of surgery was considered as a zero-day. During different stages, compliancewith ethical issues, it was tried to avoid any physical abuse and non-essential method. On the rat's body, a part was consideredas control that did not receive any herbal extract. And the other part of the rat body received the herbal extract. The results ofmacroscopic observations of the rat skin surface survey showed that on the third day, the wound diameter reduced and on thefourteenth day complete recovery was occurred. (The control rat's body) (The rat film is attached).

CONCLUSION

The findings showed that using topical the effect of the hydroalcoholic extract of *Falcaria Vulgaris* compared with the powder *Falcaria Vulgaris* plant in the treatment of diabetic foot ulcer regarding the lack of previous studies in this field and considering some limitations of this study, we suggest that *Falcaria Vulgaris* extract to be used for burns and in thetreatment of blood coagulation.

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