Tipo	Periódico
Título	Healing Potential of Propolis in Skin Wounds Evidenced by Clinical Studies
Autores	Cristiano da Rosa, Ian Lucas Bueno, Ana Clara Martins Quaresma e Giovanna Barbarini Longato
Autor (es) USF	Cristiano da Rosa, Ian Lucas Bueno, Ana Clara Martins Quaresma e Giovanna Barbarini Longato
Autores Internacionais	-
Programa/Curso (s)	Programa de Pós-Graduação Stricto Sensu em Ciências da Saúde
DOI	https://doi.org/10.3390/ph15091143
Assunto (palavras chaves)	propolis; skin ulcers; clinical studies
Idioma	inglês
Fonte	Título do periódico: Pharmaceuticals ISSN: 1424-8247 Volume/Número/Paginação/Ano: *15*/9/1-8/2022
Data da publicação	14 de setembro de 2022
Formato da produção	digital
Resumo	Propolis has been used since ancient times for the treatment of skin diseases and, currently, its pharmacological potential for healing and repairing various types of wounds is widely cited in the literature. The healing properties of propolis are mainly attributed to its composition which is rich in phenolic compounds, and propolis has aroused the interest of the pharmaceutical industry as a low-cost product as compared with other treatments and medications; however, most of the published data refer to its effects in vitro and in vivo and, so far, few clinical studies have been carried out proving its therapeutic efficacy. In this article, we aimed to review clinical trail data published in Portuguese, Spanish, and English, in Scielo, PubMed, Google Scholar, Medline, and Lilacs between 1990 and 2021 on the clinical use of propolis for skin ulcers. The potential of propolis as an alternative healing treatment for skin wounds such as diabetic, venous, and surgical wounds, as well as wounds caused by burns, etc., is mainly due to its evidenced properties such as antimicrobial, anti-inflammatory, analgesic, and angiogenesis promoter effects. However, there is a need to standardize the type of administration and the concentration of propolis for each type of wound. Furthermore, further clinical studies are essential to add information about propolis safety and for obtaining the best possible therapeutic benefits from its use.
Fomento	-