

ANTIMICROBIAL ACTIVITY AND WOUND HEALING EFFICIENCY OF HERBS AND HONEY

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ABSTRACT

In ancient period, they practiced medicine with plants and used the plants as a source of medicine. Plants are an important component of the health care system in India. Indian medicinal plants are the essence of Ayurveda and Ayurvedic treatments and they produce miraculous effects. Traditional medicine practices were carried out with natural resources to cure many dreadful diseases. Herbal medicine or phytomedicine refers to the use of any plant's seeds, berries, roots, leaves, bark or flowers for medicinal purposes. The present investigation was carried out using natural resources of medicinal plants and Honey to check for the healing capacity of wound and inhibit the infectious pathogens such as *Staphylococcus aureus*, *Pseudomonas*, *Klebisella spp*; *Escherichia coli*. The plants were extracted with solvents like methanol, ethanol and also subjected to direct extraction. The results of this study showed that all the natural resources have the wound healing properties but the extent of healing depended on the concentration.

KEYWORDS: Honey, Medicinal Plants, Pathogens and Solvents