

To Formulate and Evaluate Herbal Cream using Leaves Extract of Lantana Camara Linn.

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Abstract: India has a rich tradition of plant based knowledge in health care. Lantana camara is well known to cure several diseases and used in various folk medicinal preparations. Lantana camara is an evergreen plant found throughout India. Lantana camara Linn. Live as a wild plant. These plants can be used as a natural medicine ingredient. The leaves of these plants can be extracted and used as a cream component. Lantana leads to hepatotoxicity, photosensitization and intrahepatic cholestasis almost in all the animals. Also to formulate effective and stable herbal antibacterial cream evaluates its physical and antibacterial properties. The prepared cream was caused for their physical theological and antibacterial properties. Finally the efficacy of the herbal cream formulation will be compared to two commercial products. The plant having various traditional uses. Parts of plant extracts are used traditionally such as the healing of wounds, cuts, skin itches, and eczema. The plant containing many more phytoconstituents such as alkaloids, glycosides, saponins, steroids, terpenoids, carbohydrates, flavonoids, and coumarins. It has various pharmacological activities antioxidant, antimicrobial, antibacterial, antifungal, antiulcerogenic, anthelmintic, anti-hyperglycemic, anti-inflammatory, analgesic, anticancer, antitubercular, etc. The antimicrobial activity of the ethanolic extract may be found to be effective against both Staphylococcus. The aim of the study was to evaluate the antibacterial activity of the ethanolic extract of the plant Lantana camara leaves against Staphylococcus aureus and E. coli species

Keywords: Lantana camara Linn., hepatotoxicity, Staphylococcus aureus, E. coli, Ethanolic extract, Antibacterial cream.