The Anti Eczemal (Anti Fungal) Oil : A Herbal Medical Cure to Eczema

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Eczema is a common skin disease (due to Staphylococcus aureus) that may not be life-threatening but can have adverse psychological effects on the infected person and affects life quality. According to statistics worldwide by Nutrition and health department, Nestle Research Center, Lausanne, Switzerland, approximately 20% of children and up to 3% of the adult population suffer from eczema each year. Anti-eczema products available on market, work fast to cure but most of these contain hydrocortisone steroids, which weakens the immunity of the skin and eventually weakens the response of the skin against bacteria when the immunity of skin revives, it again starts to respond against symptoms. Patients cannot use these products for a long time because they may be absorbed into the bloodstream and block specific proteins in our body. This study aims to avoid the use of steroids and to test the antimicrobial performance of natural herbal materials [crushed forms of Azadirachta indica (20g), Curcuma longa (20g), Cinnamomum verum (20g), Syzygium aromaticum (20g), Zingiber officinale (20g), and Nigella sativa (20g) mixed with honey(10mL), apple cider vinegar(10 mL), and coconut oil(25mL)] which provide hydration to the skin and manages the pH level of the infected area, as verified by product tests of pH level(5.3) and biochemical(high performance liquid chromatography) at the laboratory. The Antimicrobial susceptibility was also analyzed by the Ager Well Diffusion method, shows moderate antimicrobial activity and rebounding effect; which may increase with higher herb concentration.

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