

Review on Efficacy of Aloe Vera as a Disinfectant (Hand Sanitizer)

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Abstract: *The need to use a natural alternative for disinfecting dental impression materials, which should be biocompatible and effective, led us to evaluate the efficacy of Aloe vera as a disinfectant by immersion and spray method on alginate impression material and its effect on the dimensional stability of the resultant gypsum cast. The aim of the research was to extract of Aloe vera contains active compounds such as alkaloids, phenols, flavonoids and saponins and produce hand sanitizer by Aloe vera extract. Many hand sanitizers use harsh chemicals and synthetic ingredients to eradicate germs. However, these may dry or even damage your skin. Aloe Vera is a wholesome ingredient with antioxidant and moisturizing properties. Hand sanitizer with Aloe Vera soothes skin while it cleanses. The efficacy of a chemical used for sanitizing or disinfection rests upon its ability to reduce the contamination level. .*

Keywords: Aloe vera, Cast, Dimensional Stability, Disinfectant, Irreversible Hydrocolloid