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(57) Abstract :
 This invention describes a method and composition of making a composition of an antifungal mucoadhesive in-situ gel consisting of a combination of Poloxamer (P407 and P188) herbal antifungal (Cinnamon and Thyme Essential Oils) and the mucoadhesive (Hydroxy P Methyl Cellulose and Carboxy Methyl Cellulose) agent to improve the antifungal efficiency in the oral cavities against the growing fungal colonies and also to enhance the fit of the dentures. The in-situ gel will help in transmucosal routes of drug delivery and offers distinct advantages over oral administration for systemic effect. They act as a cushion under the dentures and decrease the loads borne by the denture bearing mucosa. A method of synthesizing a composition of antifungal mucoadhesive in-situ gel.

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