

MEDICATED LOLLIPOPS FOR THE TREATMENT OF ORAL THRUSH IN CHILDREN

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Oral thrush is a disorder caused by infection of the mouth due to fungus (yeast) *Candida albicans*. In babies it may be a severe infection sometimes causing epidemics in schools by cross-infection. *Candida albicans* is a normal inhabitant of the oral cavity found in 30% to 40% of the population. Typically, oral candidiasis takes the form of an adherent white, curd like, circumscribed plaque anywhere within the oral cavity. There are many drugs dosage forms like lozenges, tablets, inhalers, and syrups, are in markets for the treatment of the same. The “lozenges are flavoured medicated dosage forms intended to be sucked and hold in the mouth/pharynx. Development of lozenges dates back to 20th century and is still in commercial production.

Most of the lozenge preparations are available as Over The Counter medications. Lozenge provide a palatable means of dosage form administration and enjoy its position in pharmaceutical market owing to its several advantages but it suffers form certain disadvantages too. The dosage form can be adopted for local as well as systemic therapy and a wide range of actives can be incorporated in them. Lozenges currently available in market are of four types: Caramel based soft lozenges, hard candy lozenges and compressed tablet lozenges.

The present review covers more or less all aspects associated with lozenge. It includes various researches performed till date, formulation and evaluation parameters adopted for the dosage form. Furthermore, it throws light on the applications of lozenges. These preparations are commonly used for the purpose of local effect or systemic effect”. Advantages of the lozenges as dosage forms include increase in bioavailability, reduction in gastric irritation, bypass of first pass metabolism and increase in onset of action.

New drug design to this area always benefit for the patient, physician and drug industry. There are several dosage forms like in the market, there is a need for more dosage forms which acts effectively and locally as well as systematically. Oral thrush is a disorder caused by infection of the mouth due to fungus (yeast) *Candida albicans*. In babies it may be a severe infection sometimes causing epidemics in schools by cross-infection.