

Formulation and Evaluation of Oral Thin Film of Lidocaine Hydrochloride

Sakshi Santosh Bhole, Shubham Chandrakant Gadge, Nikita Sudam Waphare,
Rohan Kashinath Vide, Nikita Rajendra Thorat
Samarth Institute of Pharmacy, Belhe, Pune, Maharashtra

Abstract: *The easiest, safest, and utmost applicable system of administration is buccal delivery. In order to give specifics systemically, it might be utilised as a cover for the oral route. medicine delivery through the oral depression appears to be made possible by bilayered oromucosal film medications, or buccal flicks. With regard to the treatment of diseases affecting the oral mucosa, particularly mucositis, this study concentrated on flicks for target drug delivery. Creating and developing oral presto- disintegrating flicks with lidocaine to treat mouth ulcers was the thing of the current study. also, the expression's original anaesthetic effect was assessed using the tail film test in a rat model. Fast- dissolving medicine- delivery systems were first developed in the late 1970s as an volition to tablets, capsules, and bathos for pediatric and senior cases who witness difficulties swallowing traditional oral solid- lozenge forms.*

Keywords: Bilayer oralmucosal, emphasized, buccal films, lidocaine Hydrochloride