

Chewable Tablet

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Abstract: *Chewable tablets are oral dosage forms that are intended to be chewed before swallowing. They are designed to be easily broken down in the mouth, usually flavoured to improve taste, and are convenient for patients who difficulty swallowing traditional tablets or capsules. Chewable dosage forms, such as tablets, lozenges, pills, gums, etc., before administration, they need to be broken and bitten in the middle of the teeth. Chewable tablet is given to children who struggle with swallowing and adults who are prefer not to swallow, these tablets address both demographics needs. Chewable tablets are meant to smoothly disintegrate in the mouth at a moderate pace, whether chewed or not. Patients in the geriatric and paediatric demographics, as well as those who are traveling and may lack immediate access to water, greatly benefit from easily swallowable dosage forms such as chewable tablets. They typically feature a smooth texture upon disintegration, are enjoyable to taste, and do not leave behind any bitter or unpleasant aftertaste. The main formulations factors common to chewable tablets include flow, lubrication, disintegration, compressibility, compatibility, and stability. The chewable composition includes a gum core, which may or may not be coated, comprising an insoluble gum base along with fillers, waxes, binders, sweeteners, and flavouring agents. The addition of flavouring agents enhances its palatability. Formulating chewable tablets involves various factors. This article discusses about chewable tablet, advantages and disadvantages of chewable tablet..*

Keywords: chewable tablet, disintegration compressibility, dissolution, bioavailability, Pharmacokinetics.