

Review on Orally Dispersible Tablet

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Abstract: : Nowadays, orodispersible drug delivery systems are extensively used to improve bioavailability and patient compliance. Recently, orally dispersible tablets have become the most desirable dosage forms, especially for a special category of patients, i.e., pediatric, geriatric, bedridden, mentally ill, and uncooperative. Oral dispersible tablets are well-recognized dosage forms presented in the market. Since the 1980s, ODTs have become one of the fastest-growing segments of the oral drug delivery industry, and their product pipeline is rapidly expanding. An orally disintegrating tablet, or orodispersible tablet (ODT), is a drug dosage form available for a limited amount of over-the-counter (OTC) and prescription medications. Basically, swallowing problems also happen in young individuals because of their underdeveloped muscular and nervous systems. The aim of this article is to review the formulation of ODTs, analyzing their advantages and limitations, challenges in formulation, use of new technologies, evaluation methodology, suitability of drugs.

Keywords: oral dosage forms, oral disintegrating tablets, hepatic metabolism, novel techniques