

Yadav AK, Sharma A, Saxena S, Kesarwani A. Mouth dissolving tablets: General overview and formulation aspects. *Bull. Pharm. Res.* 2014;4(1):43-57.

Abstract: Recent pharmaceutical preparations including Novel Drug Delivery Systems (NDDS) aim to enhance safety and efficacy of drug molecule to improve the treatment compliances and quality of life of patients. One such approach is "Mouth Dissolving Tablet" (MDT) which disintegrates instantly when placed on tongue, releasing the drug that dissolves or disperses in the saliva. Difficulty in swallowing (Dysphagia) is a common problem of all age groups, especially elderly and pediatrics, because of physiological changes associated with these groups of patients. The saliva containing dissolved or dispersed medicament is then swallowed and the drug is absorbed in the normal way. Some drugs are absorbed from the mouth, pharynx and esophagus as the saliva passes down into the stomach and it may produce rapid onset of action, with bioavailability of drug significantly greater than those observed from conventional tablet dosage form. Present article includes general overview and formulation aspects of MDTs making this a vital approach for enhanced patient compliance.

Key words: MDTs, Superdisintegrants, Taste masking, Patented technology.

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