

Formulation and Evaluation of Fast Dissolving Films of Telmisartan

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Abstract: *The development and assessment of Telmisartan's orodispersible film was the aim of this study. The purpose of this formulation was to improve patient compliance by delivering the rapid start of action of the medication Telmisartan in the treatment of hypertension. lengthen the dosage form's release period at the absorption site, which will improve absorption and bioavailability. For patients who have trouble swallowing pills, capsules, or other medications, the idea of an oral dissolving drug delivery system provides an answer. This study looked at the feasibility of creating Telmisartan rapid dissolving films, which improve patient compliance and enable quick, repeatable drug dispersion in the oral cavity. The hypertension medication telmisartan is a member of the Angiotensin Receptor II Antagonist family. It's a inadequately answerable medicine belongs to BCS class- II. The orodispersible film of Telmisartan was prepared by solvent casting system which is simple and cost effective. Total four Formulation were developed using varying attention of film forming agents. HPMC is used as a film forming agent. glycol were used as a plasticizer. were subordinated to evaluation study like, consistence, weight variation, folding evidence, disintegration time, drug content. The consistence and weight variation for all batch formulation were satisfactory. Folding endurance test for all film formulation was set up satisfactory.*

Keywords: Telmisartan, Solid dispersions, Fast is dissolving film, Solvent-casting method, Mouth dissolving tablets

