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A Review on Immediate Release Drug Delivery System

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Abstract: *Among the dosage forms, tablets are the most popular dosage form today due to their convenience, compactness and ease of preparation; Immediate effect is required in many cases compared conventional therapy. So much so that to overcome these drawbacks, the immediate release ganic form has positioned itself as an alternative to the oral ganic form immediate-release dosage forms disintegrate rapidly after administration with an increased dissolution rate. The basic method used in tablet development is the use of super dissolves such as cross-linked polyvinylpyrrolidonecrospovidone (Polyplasdone),sodium starch glycolate (Primogel, Explotab), carboxymethyl cellulose (Croscarmellose), etc.These super disintegrators allow the tablet to disintegrate immediately after administration in the stomach. In this area, immediate-release liquid dosage forms of and parenteral dosage forms have also been introduced to treat patients. In liquid dosage form, can be a suspension with typical dispersants such as hydroxypropyl methylcellulose,AOT (dioctylsulfosuccinate), etc. cardiovascular drugs, analgesics, antihistamines and other drugs can be considered as candidates for this dosage form. When a pharmaceutical entity is nearing the end of its patent term, it is common for pharmaceutical manufacturers to develop a certain pharmaceutical entity in a new and improved dosage form. The new dosage form allows the manufacturer to exclusively expand the market of the, while providing its patients with a more convenient dosage form or regimen.*

Keywords: Immediate release, polymers, super disintegrant.

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