

Floating Tablet for Drug Delivery System

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Abstract: *The purpose of developing novel delivery systems was to address some issues with the physicochemical properties of pharmaceutical compounds as well as formulation creation, as well as some flaws in conventional dosage forms. The controlled release floating system is a way of medication administration that shows promise. Device for dispensing a potential drug with a narrowing window of absorption. Medicines are insoluble or just very slightly soluble, as well as those that release locally in the stomach and have a low rate of absorption in the colon. Under the floating drug delivery system is a continuous supply gastroretentive medicine administration system. minimally soluble medications are delivered to the absorption site in a controlled manner. These points discuss the floating drug delivery system's advantages and disadvantages in comparison to more conventional drug administration technique. The floating medication delivery system is covered in great length in the review, along with its benefits and drawbacks compared to more traditional drug administration methods. These considerations must be examined when developing dosage forms. There are numerous ways that this dosage type was developed. The review's primary objectives were the formulation and evaluation of the effervescent floating medication delivery system. The goal of this comprehensive study is to bring together the ongoing research on this delivery method, which highlights the different effects that can affect and lessen stomach retention and offers crucial information on its formulation.*

Keywords: Floating tablet

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