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MICROBALLOONS FOR DRUG DELIVERY: A REVIEW

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ABSTRACT

The purpose of this review on micro balloons is to accumulate the recent literature with special focus on the recent development on floatation to achieve gastric retention. Hollow microsphere promises to be a potential approach for gastric retention. The recent developments of floating drug delivery systems including approaches to design effervescent systems and non-effervescent systems, micro balloons and recent developments and future potential. The advantages, limitation application, list of polymers used in hollow microspheres, characterization of hollow microspheres and formulation aspects are covered in detail.

Keyword: *Hollow microspheres (microballons), Floating Drug Delivery Systems, Polymers, Gastro-retentive drug delivery systems.*