

**A REVIEW ON: OCULAR INSERTS A NOVEL DRUG DELIVERY  
SYSTEM**

**Parth Gandhi\*, Hemant Rathod, Saurabh Patel, Ronak Gandhi, Dilip  
Agrawal.**

*Department of Pharmaceutics, Kota College of Pharmacy, Kota (Raj.)*

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**ABSTRACT**

*Ocular inserts are sterile preparations, with a thin, multilayered, drug-impregnated, solid or semisolid consistency devices placed into cul-de-sac or conjunctiva sac. They are usually made up of polymeric vehicle containing drug. Ocular drug delivery is one of the most fascinating and challenging tasks being faced by the Pharmaceutical researchers. One of the major barriers of ocular medication is to obtain and maintain a therapeutic level at the site of action for prolonged period of time. The therapeutic efficacy of an ocular drug can be greatly improved by prolonging its contact with the corneal surface. Newer ocular drug delivery systems are being explored to develop extended duration and controlled release strategy. Some of the newer, sensitive and successful Ocular delivery systems like inserts, biodegradable polymeric systems, and collagen shields are being developed in order to attain better ocular bioavailability and sustained action of ocular drugs.*

**Key words:** *Ocular drug delivery, Ocular inserts, Evaluation parameters of ocular inserts*

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