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XII  List of Publication based on Research work


2} Effect of various membranes and their thickness on osmotic tablet of Lornoxicam, American journal of pharmatech research, ISSN No.2249-3387, Vol. 3(1), feb-2013, Pg No.819-829.

3} Effect of various membranes and their thickness on osmotic tablet of Etoricoxib, World journal of pharmacy and pharmaceutical sciences, ISSN No.2278-4357, vol. 2(1), Feb -2013, Pg No.379-390.


Publication of BOOK

1} Osmotically controlled oral Drug delivery
   Main author – Sameer Sheaikh, Co-authors - S. K. Bais, A. Chandeware.
   Lap Lambert academic publishing house Germany- ISBN No – 10:3659133396
   June 4 – 2012.
List of Presentation based on Research work

1) Poster presentation in national symposium on Recent advances in pharmaceutical research held at, Amravati, march - 2013.

2) Poster presentation in national symposium on Recent advances in computer aided drug design held at P. W. College of pharmacy, Yavatmal.
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The objective of the study was to develop osmotically driven oral drug delivery system of Aceclofenac, to be taken twice daily. It is also objective of present study to evaluate developed osmotic pump. Sodium chloride & sodium bicarbonate were used as an osmogen. The tablets were coated with cellulose acetate as the semipermeable membrane containing castor oil as a plasticizer and microporous membrane was developed by using polyethylene glycol as a plasticizer and pore forming agent. The microporous membrane formed by using cellulose acetate as a polymer and castor oil as a plasticizer, allows the passage of water and is selective in nature, which is essential for the zero-order release of drug. The membrane formed by using polyethylene glycol as a plasticizer cannot act as a semipermeable while it behaves as a microporous membrane, which cannot deliver drug not at zero-order. The release rate of drug from microporous membrane is at higher rate than as comparative to semipermeable membrane. It can be conclude from the present study and the results obtained that the osmotic pump for release of Aceclofenac can be developed as a twice a day dosage form. (B.D.) Zero-order release rat

Author Biography

The Author is presently working as Assistant Professor in Pharmaceutics in P.Wadhwani college of Pharmacy,Yavatmal,India. He is doing PhD in Pharmacy in PRIST University, T.N.India. He completed M.Pharm in Industrial Pharmacy. He has 9 national, international publications and having 5 years teaching experience at UG & PG; guided 4 students at PG level.

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