Further preclinical and clinical trials are required to warrantee the used of the dosage form in human beings.

The study was performed to check the release retarding properties of the natural polymer used. It is further recommend for future research for dose calculation for matrix transdermal patches.

The pharmacodynamics studies to be established in diabetic animals

A detailed pre-clinical data is yet to be established to find out flux, lag time etc.

The study can be extrapolated to clinical trials. Since the polymers used are of natural origin with maximum safety

7. REFERENCES


21. Ratner BD, Kwok C. Characterization of delivery systems, surface analysis and controlled release systems. In:


40. Arcangelo, Virginia P. Peterson, Andrew M.; Pharmacotherapeutics for Advanced Practice, Published by Lippincott Williams & Wilkins, 2005, 74.


57. Srinivas Matalik, Nayanabhirama Udupa, Sharath Kumar, Sunil Agarwal, Ganesh Subramanian and Averineni KR. Glipizide matrix transdermal systems for diabetes mellitus: Preparation,


83. Ljubica Harhajia, Sanja Mijatovica, Danijela Maksimovic-Ivanica, Dusan Popadicb, Aleksandra Isakoviccc, Biljana Todorovic-Markoviccand Vladimir, Aloe emodin inhibits the


extract against carbon tetrachloride-induced hepatotoxicity in rats, DARU, 15 (3), 2007, 162-166.


139. Satyavati GV, Raina MK, Sharma M. Medicinal Plants of India, Indian Council of Medical Research, New Delhi, 1, 1976, 415-421.

140. Muhammad Shoaib Akhtar and Abdel Qayum Qureshi, Phytopharmacological Evaluation of Ficus Glomerata, Roxb.


148. Staniforth JN, Baichwal AR, Hart JP, Heng PWS. Effect of addition of water on the rheological and mechanical properties


161. Martins OE, Olobayo OK, Sabinus O. Effect of the molecular size of carboxy methyl cellulose and some polymers on the sustained


180. Arora P, Mukherjee B. Design, development, physicochemical, and In vitro and In vivo evaluation of transdermal patches


188. Parikh DK, Ghosh TK, Feasibility of Transdermal Delivery of Fluoxetine. AAPS Pharm SciTech. 6 (2), 2005, 144-149.


211. Official Monographs in Indian Pharmacopoeia, Ministry of health and welfare, Delhi, Controller of publication; 1996.


