

DESIGN AND STUDY OF LAMIVUDINE ORAL CONTROLLED RELEASE .PD

Download PDF Ebook and Read Online Design And Study Of Lamivudine Oral Controlled Release .pd. Get **Design And Study Of Lamivudine Oral Controlled Release .pd Design and study of lamivudine oral controlled release tablets**

Abstract The objective of this study was to design oral controlled release matrix tablets of lamivudine using hydroxypropyl methylcellulose (HPMC) as the retardant polymer and to study the effect of various formulation factors such as polymer proportion, polymer viscosity, and compression force on the in vitro release of drug.

<http://home.schoolnutritionandfitness.com/Design-and-study-of-lamivudine-oral-controlled-release-tablets.pdf>

Design and study of lamivudine oral controlled release

Abstract The objective of this study was to design oral controlled release matrix tablets of lamivudine using hydroxypropyl methylcellulose (HPMC) as the retardant polymer and to study the effect of various formulation factors such as polymer proportion, polymer viscosity, and compression force on the in vitro release of drug.

<http://home.schoolnutritionandfitness.com/Design-and-study-of-lamivudine-oral-controlled-release-.pdf>

Design and study of lamivudine oral controlled release

Abstract The objective of this study was to design oral controlled release matrix tablets of lamivudine using hydroxypropyl methylcellulose (HPMC) as the retardant polymer and to study the effect

<http://home.schoolnutritionandfitness.com/Design-and-study-of-lamivudine-oral-controlled-release-.pdf>

Design and study of lamivudine oral controlled release

The objective of this study was to design oral controlled release matrix tablets of lamivudine using hydroxypropyl methylcellulose (HPMC) as the retardant polymer and to study the effect of various formulation factors such as polymer proportion, polymer viscosity, and compression force on the in vitro release of drug.

<http://home.schoolnutritionandfitness.com/Design-and-study-of-lamivudine-oral-controlled-release-.pdf>

Formulation Design and Characterization of Lamivudine

Aim: To design and characterize oral controlled release matrix tablets of lamivudine to improve efficacy and patient compliance. Materials and Methods: Lamivudine matrix tablets were prepared by wet granulation method using various proportions of hydrophilic polymers such as sodium carboxymethylcellulose (Na CMC),

<http://home.schoolnutritionandfitness.com/Formulation-Design-and-Characterization-of-Lamivudine-.pdf>

Formulation design and characterization of lamivudine

Aim: To design and characterize oral controlled release matrix tablets of lamivudine to improve efficacy and patient compliance. Materials and Methods: Lamivudine matrix tablets were prepared by

<http://home.schoolnutritionandfitness.com/Formulation-design-and-characterization-of-lamivudine-.pdf>

Design Formulation and Evaluation of Lamivudine

16. Prakash P, Porwal M, Saxena A. Role of natural polymers in sustained release drug delivery system: application and recent approaches. *Int Res J Pharmacy*. 2011;2(9):6- 11. 17. Althaf AS. Design and Study of Lamivudine Oral Sustained Release Tablets, *Der Pharmacia Sinica*. 2010;1(2):61-76. 18.

<http://home.schoolnutritionandfitness.com/Design--Formulation-and-Evaluation-of-Lamivudine--.pdf>

FORMULATION DESIGN DEVELOPMENT AND CHARACTERIZATION OF

FORMULATION DESIGN, DEVELOPMENT AND CHARACTERIZATION OF MATRIX TABLETS OF LAMIVUDINE BY USING NOVEL TECHNIQUE FOR CONTROLLED RELEASE INTRODUCTION: The oral route is the route most often used for administration of drugs. Tablets are the most popular oral formulations available in the market and are preferred by patients and physicians.

<http://home.schoolnutritionandfitness.com/FORMULATION-DESIGN--DEVELOPMENT-AND-CHARACTERIZATION-OF--.pdf>

DEVELOPMENT AND EVALUATION OF SUSTAINED RELEASE MATRIX

The study was obtained to develop oral controlled release matrix tablets of Lamivudine having different proportion of Guar gum (retardant polymer) and to study the effect of formulation factor such as polymer proportion on the in- vitro release. The prepared granules were evaluated such as angle of repose, loose bulk density, tapped bulk density and compressibility index and satisfactory results were obtained.

<http://home.schoolnutritionandfitness.com/DEVELOPMENT-AND-EVALUATION-OF-SUSTAINED-RELEASE-MATRIX--.pdf>

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES KARNATAKA

An attempt was made to study Lamivudine oral controlled release tablets using hydroxypropyl methylcellulose (HPMC) as the retardant polymer and to study the effect of various formulation factors such as polymer proportion, polymer viscosity, and compression force on the in vitro release of drug.

<http://home.schoolnutritionandfitness.com/RAJIV-GANDHI-UNIVERSITY-OF-HEALTH-SCIENCES--KARNATAKA.pdf>

ORAL CONTROLLED RELEASE DRUG DELIVERY SYSTEM A REVIEW

A desirable characteristic of controlled release delivery system is that the duration of drug action should be dictated by the design property of drug molecules. There are different mechanistic aspects for design of oral controlled release drug delivery systems such as matrix, reservoir, osmotic pressure, ion exchange resins, altered density etc.

<http://home.schoolnutritionandfitness.com/ORAL-CONTROLLED-RELEASE-DRUG-DELIVERY-SYSTEM--A-REVIEW--.pdf>

FORMULATION AND EVALUATION OF LAMIVUDINE Semantic Scholar

Nanoparticles represent a promising drug delivery system of controlled and targeted drug release. They are specially designed to release the drug in the vicinity of target tissue. The aim of this study was to prepare and evaluate polymethacrylic acid nanoparticles containing lamivudine in different drug to polymer ratio by nanoprecipitation method.

<http://home.schoolnutritionandfitness.com/FORMULATION-AND-EVALUATION-OF-LAMIVUDINE-Semantic-Scholar.pdf>

Development of Controlled Release Matrix Tablet of

No study has been reported so far regarding the preparation of risperidone controlled-release matrix tablets. Blends of Methocel K100 LV-CR and Ethocel standard 7FP premium, novel versions of HPMC and ethyl cellulose respectively, were employed in the present study to prepare the controlled-release matrix tablets of risperidone.

<http://home.schoolnutritionandfitness.com/Development-of-Controlled-Release-Matrix-Tablet-of--.pdf>

Formulation and Optimization of Controlled Porosity

daily. Lamivudine has bioavailability of 86%, protein binding of 36% and the biological half life is between 5-7 hrs. Hence it can be given to control the concentration of drug at the site of action. The main objective of the present study was to develop controlled porosity-based osmotically controlled release tablets of lamivudine.

<http://home.schoolnutritionandfitness.com/Formulation-and-Optimization-of-Controlled-Porosity--.pdf>

FORMULATION AND EVALUATION OF CONTROLLED RELEASE FLOATING

Lamivudine, a BCS Class I synthetic nucleoside analogue, has a a short biological half-life of 5 7 and is mainly absorbed in the upper gastrointestinal tract. The purpose of the study is to develop a controlled release floating tablets of lamivudine employing HPMC K4M and sodium alginate.

<http://home.schoolnutritionandfitness.com/FORMULATION-AND-EVALUATION-OF-CONTROLLED-RELEASE-FLOATING--.pdf>

Design Formulation and Evaluation of Ranitidine HCl Gastro

Corpus ID: 53449464. Design Formulation and Evaluation of Ranitidine HCl Gastro Retentive Floating Tablets @inproceedings{Gunda2015DesignFA, title={Design Formulation and Evaluation of Ranitidine HCl Gastro Retentive Floating Tablets}, author={Raghavendra Kumar Gunda and Chandan Kumar Brahma and Jujuru Naga Suresh Kumar and V. Satyanarayana and K. Naga Prashant}, year={2015} }
<http://home.schoolnutritionandfitness.com/Design-Formulation-and-Evaluation-of-Ranitidine-HCl-Gastro--.pdf>

CONTROLLED AND SUSTAINED RELEASE APPROACHES IN DEVELOPING

sustained release of Lamivudine and thus, useful in developing the more effective AIDS therapy with very less or no adverse side effects. Keywords: Lamivudine, Controlled Release, AIDS, HIV, NRTIs, and Novel Drug Delivery Systems. INTRODUCTION Acquired immune deficiency syndrome (AIDS) is a disease of the human immune system caused by the human

<http://home.schoolnutritionandfitness.com/CONTROLLED-AND-SUSTAINED-RELEASE-APPROACHES-IN-DEVELOPING--.pdf>

Oral controlled release formulations of rifampicin Part

Design and study of lamivudine oral controlled release tablets. Ravi PR, Ganga S, Saha RN. AAPS PharmSciTech, 8(4):E101, 07 Dec 2007 Cited by: 3 articles | PMID: 18181522 | PMCID: PMC2750687. Free to read

<http://home.schoolnutritionandfitness.com/Oral-controlled-release-formulations-of-rifampicin--Part--.pdf>

Conversion to carbidopa and levodopa extended release

1. Introduction. Among oral therapies for motor symptoms of Parkinson's disease (PD), levodopa (LD) taken in combination with a peripheral dopa-decarboxylase inhibitor, such as carbidopa (CD), continues to be the gold standard , .However, as PD progresses, patients using CD-LD as an immediate-release (IR) formulation often experience motor complications, including on / off

<http://home.schoolnutritionandfitness.com/Conversion-to-carbidopa-and-levodopa-extended-release--.pdf>

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES KARNATAKA

3. Course of Study and Subject. M.Pharm. Pharmaceutics 4. Date of Admission June 2008. 5. Title of the Topic: DESIGN AND EVALUATION OF CONTROLLED RELEASE MATRIX TABLETS OF ZIDOVUDINE . 6.0 BRIEF REVIEW OF THE INTENDED WORK : 6.1 NEED FOR THE STUDY: Oral route is the most preferred route for administration of drugs.

<http://home.schoolnutritionandfitness.com/RAJIV-GANDHI-UNIVERSITY-OF-HEALTH-SCIENCES--KARNATAKA.pdf>

Design and Evaluation of An Oral Controlled Release

Design and Evaluation of An Oral Controlled Release Microparticulate Drug in the production of controlled release dosage forms. A great deal of work has been done by the scientists about The objective of the study was to prepare a oral con

<http://home.schoolnutritionandfitness.com/Design-and-Evaluation-of-An-Oral-Controlled-Release--.pdf>

Evolution of Oral Controlled Release Dosage Forms Oral

Major Historical Milestones Affecting the Direction of Oral Controlled Release Dosage Forms. Other Major Developments Impacting the Field of Oral Controlled Release. Classification and Mechanisms of Current Oral Controlled Release Dosage Forms. Future Prospects. References

<http://home.schoolnutritionandfitness.com/Evolution-of-Oral-Controlled-Release-Dosage-Forms-Oral-.pdf>

DEVELOPMENT AND EVALUATION OF CONTROLLED RELEASE

The present study was undertaken to develop controlled release osmotic pump tablets of lamivudine a nucleoside reverse transcriptase inhibitor for the treatment of acquired immune deficiency syndrome (AIDS).The tablets were prepared by wet granulation method using controlled release polymer hydroxyl propyl methyl cellulose (HPMCE5 LV), MCC as diluent, starch as binder and fructose as osmogen.

<http://home.schoolnutritionandfitness.com/DEVELOPMENT-AND-EVALUATION-OF-CONTROLLED-RELEASE--.pdf>

RESEARCH SPRAY DRIED LAMIVUDINE MICROSPHERES

Thus, the aim of this study was to prepare controlled-release microspheres of freely water soluble drug lamivudine adopting the spray drying encapsulation technique using chitosan or HPMC. The effect of different formulation and process variables were evaluated using experimental factorial design.

<http://home.schoolnutritionandfitness.com/RESEARCH-SPRAY-DRIED-LAMIVUDINE-MICROSPHERES.pdf>

METFORMIN HYDROCHLORIDE LinkedIn SlideShare

Asian J Pharm Sci 2007; 2(6): 239-48. 9. Patel N, Madan P, Lin S. Development and evaluation of controlled release ibuprofen matrix tablets by direct compression technique. Info Health Care 2011; 16(1): 1-11. 10.Punna Rao Devi, Ganga S, Saha NR. Design and study of lamivudine oral controlled release tablets. AAPS PharmSciTech 2007; 8(4): E1-E9

<http://home.schoolnutritionandfitness.com/METFORMIN-HYDROCHLORIDE-LinkedIn-SlideShare.pdf>

COMMENTARY Biowaiver Monographs for Immediate Release

INTRODUCTION. A biowaiver monograph of lamivudine based on literature data together with some additional experimental data is presented. The risks of basing a bioequivalence (BE) assessment on in vitro rather than in vivo study results for the approval of new immediate release (IR) solid oral dosage forms (so-called biowaiving) containing lamivudine, including both reformulated products

<http://home.schoolnutritionandfitness.com/COMMENTARY--Biowaiver-Monographs-for-Immediate-Release--.pdf>

Clinical Pharmacology 1 Phase 1 studies and early drug

(PD) of the drug in humans effect of food on the BA of oral drugs Single-dose study design sufficient: BA, PK in renal impairment, hepatic impairment & DDI

<http://home.schoolnutritionandfitness.com/Clinical-Pharmacology-1--Phase-1-studies-and-early-drug-.pdf>

Publications

Punna Rao Ravi, Sindhura G., Ranendra N. Saha; Design and study of lamivudine oral controlled release tablets. AAPS PharmSciTech (Springer), 8(4): 167-175, 2007. (IF 1.95) 31. Sajeev Chandran,

Punna Rao Ravi, Ranendra N. Saha. Development and in vitro evaluation of oral controlled release formulations of celecoxib using optimization techniques.

<http://home.schoolnutritionandfitness.com/Publications.pdf>

Guidance for Industry

study design, a single-dose parallel study design, or a replicate study design for BE studies. For most dosage forms that release drug intended to be systemically available, we recommend that

<http://home.schoolnutritionandfitness.com/Guidance-for-Industry.pdf>

Formulation development and evaluation of sustained

Key Words: Lamivudine, hydrophilic matrix, tamarind seed polysaccharide, matrix tablets, treatment of HIV. _____ INTRODUCTION Hydrophilic matrices are an interesting option when developing an oral sustained release formulation. The drug release from such matrices can be controlled through their physical properties[1].

<http://home.schoolnutritionandfitness.com/Formulation-development-and-evaluation-of-sustained--.pdf>

A Comparison of Once Daily Extended Release

Objective. The objective of this study was to evaluate differences in the pharmacodynamic (PD) profile of 2 second-generation extended-release (ER) formulations of methylphenidate (MPH): Metadate CD (MCD; methylphenidate HCl, US Pharmacopeia) extended-release capsules, CII, and Concerta (CON; methylphenidate HCl) extended-release tablets, CII. Little empirical information exists to help the

<http://home.schoolnutritionandfitness.com/A-Comparison-of-Once-Daily-Extended-Release--.pdf>

Acute effects of immediate and controlled release levodopa

We used an intrasubject randomized double blind crossover design to study 14 patients (7 stable, 7 wearing off) who were monitored for motor status, mood, anxiety, and plasma LD levels 1 hour before and 6 hours after an oral dose of immediate release (IR) and controlled release LD formulations.

<http://home.schoolnutritionandfitness.com/Acute-effects-of-immediate-and-controlled-release-levodopa--.pdf>

REFERENCES Shodhganga

28 Ravi P R, Ganga S, Saha R N, Design and Study of Lamivudine Oral Controlled Release Tablets, AAPS Pharm. Sci. Tech, 2007, 8 , 167-175. 29 Himadri sen, Surva Kumar J, inventors. Long acting composition containing Lamivudine and zidovudine. USPP US 20050175694A1. August 11, 2005.

<http://home.schoolnutritionandfitness.com/REFERENCES-Shodhganga.pdf>

Lamivudine Dosage Guide with Precautions Drugs com

-IMPORTANT DIFFERENCES AMONG LAMIVUDINE-CONTAINING PRODUCTS: Epivir(R) tablets and oral solution (for use in HIV-1 infection) contain a higher dose of lamivudine than Epivir-HBV(R) tablets and oral solution (for use in chronic HBV infection). Only products appropriate for treatment of HIV-1 should be used in HIV-1-infected patients.

<http://home.schoolnutritionandfitness.com/Lamivudine-Dosage-Guide-with-Precautions-Drugs-com.pdf>

PDF DEVELOPMENT AND EVALUATION OF SUSTAINED RELEASE

DEVELOPMENT AND EVALUATION OF SUSTAINED RELEASE MATRIX TABLET OF LAMIVUDINE

<http://home.schoolnutritionandfitness.com/-PDF--DEVELOPMENT-AND-EVALUATION-OF-SUSTAINED-RELEASE--.pdf>

Rationale and design of the oral HEMe iron polypeptide

The main hypothesis of this study is that oral heme iron polypeptide (HIP; Proferrin ES) administration will more effectively augment iron stores in erythropoietic stimulatory agent (ESA)-treated peritoneal dialysis (PD) patients than conventional oral iron supplementation (Ferrogradumet). Inclusion criteria are peritoneal dialysis patients treated with darbepoietin alpha (DPO; Aranesp

<http://home.schoolnutritionandfitness.com/Rationale-and-design-of-the-oral-HEMe-iron-polypeptide--.p>

df

ISSN 0975 766X Available Online through Research Article

The oral administration of Lamivudine exhibits side effects in GIT as well as in CNS. Thrombocytopenia, parasthesias, anorexia, nausea, abdominal cramps, depressive disorders, cough and skin rashes etc have also been reported as possible adverse reactions (Caroline M. Perry et al, 1997). Controlled release (CR) preparations helps to achieve

<http://home.schoolnutritionandfitness.com/ISSN--0975-766X-Available-Online-through-Research-Article--.pdf>

Controlled Release of Oral Dosage Forms CiteSeerX

Early oral controlled-release drugs Controlled-release technology evolved with matrix technology. Several articles in the 1950s and 1960s reported simple matrix tablets or monolithic granules. In 1952, Smith Kline & French introduced the Spansule, a timed-release formulation that launched a widespread search for other applications in the design

<http://home.schoolnutritionandfitness.com/Controlled-Release-of-Oral-Dosage-Forms-CiteSeerX--.pdf>

Controlled Drug Release Of Oral Dosage Forms Taylor

Numerical analysis of matter transfer is an area that pharmacists find difficult, but which is a technique frequently used in preparing controlled drug release and oral dosage forms. This book provides clear and straightforward information enabling the reader to carry out numerical analysis of matter transfer - a vital process when looking at the

<http://home.schoolnutritionandfitness.com/Controlled-Drug-Release-Of-Oral-Dosage-Forms-Taylor--.pdf>

BMC Nephrology BioMed Central

Study protocol Open Access Rationale and design of the oral HEMe iron polypeptide Against Treatment with Oral Controlled Release Iron Tablets trial for the correction of anaemia in peritoneal dialysis patients (HEMATOCRIT trial) Katherine A Barraclough 1, Euan Noble1, Diana Leary , Fiona Brown2,

<http://home.schoolnutritionandfitness.com/BMC-Nephrology-BioMed-Central.pdf>

Scholars Research Library

levels [15]. However, patient receiving lamivudine frequently develop various side effects, which are dose-dependent and a reduction of the total administered dose reduces the severity of the toxicity. The development of controlled release of lamivudine would be beneficial in comparison with the current dose regimens.

<http://home.schoolnutritionandfitness.com/Scholars-Research-Library.pdf>

Treatment Conversion in Advanced Parkinson Disease

Many patients with advanced Parkinson disease (PD) who are on controlled release (CR) or CR plus immediate release (IR) carbidopa-levodopa (CD-LD) may safely switch to an extended release formulation, according to a study published in the Journal of Neurological Science. 1 The results of this small, open-label study suggest that advanced PD patients using CR CD-LD, alone or with IR CD-LD

<http://home.schoolnutritionandfitness.com/Treatment-Conversion-in-Advanced-Parkinson-Disease--.pdf>

Efficacy of Isradipine in Early Parkinson Disease Full

The first study with isradipine controlled release (CR) in patients with early PD and normal blood pressure found that the drug was reasonably well tolerated and safe. The controlled release formulation of isradipine is not available for use and therefore this study is using the immediate release formulation.

<http://home.schoolnutritionandfitness.com/Efficacy-of-Isradipine-in-Early-Parkinson-Disease-Full--.pdf>

ClinicalStudyDataRequest com

Randomized clinical trials (RCTs) are considered standard to evaluate benefits and harms of health care interventions. Large RCTs are major undertakings that require enormous resources and coordination and are often not completed as planned.

<http://home.schoolnutritionandfitness.com/ClinicalStudyDataRequest-com.pdf>

6th Annual Controlled Modified Drug Release Curtis

This intensive 3-Day program will share innovative controlled and modified drug release strategies that will benefit your current and future product pipelines. Engage in dynamic conversation with your industry peers at our multiple networking sessions, and takeaway novel controlled and modified release strategies, which could speed up time to

<http://home.schoolnutritionandfitness.com/6th-Annual-Controlled-Modified-Drug-Release-Curtis--.pdf>

Multicentre Study in Four Parallel Groups of Parkinson's

Multicentre, double-blind, randomised, placebo-controlled study in four parallel groups of PD patients treated with standard-release levodopa/carbidopa 100/25 mg (Sinemet) or levodopa/benserazide 100/25 mg (Madopar /Restex) and with motor fluctuations ("wearing-off" phenomenon)

<http://home.schoolnutritionandfitness.com/Multicentre-Study-in-Four-Parallel-Groups-of-Parkinson's--.pdf>

Lamivudine

The efficiency of release of Lamivudine from ethyl cellulose matrix of prepared microspheres is the key factor in the successful optimization of a method. The present study demonstrated that F3, among all other formulations, have a significantly slower release pattern in terms of their total drug load.

<http://home.schoolnutritionandfitness.com/Lamivudine.pdf>

<http://home.schoolnutritionandfitness.com/jfk-conspiracy-book-epub.pdf>
<http://home.schoolnutritionandfitness.com/life-of-dali-dpf.pdf>
<http://home.schoolnutritionandfitness.com/fundamentals-of-nursing-ebook-potter-and-perry.pdf>
<http://home.schoolnutritionandfitness.com/go-giver-free-pdf.pdf>
<http://home.schoolnutritionandfitness.com/free-manuals-pdf.pdf>
<http://home.schoolnutritionandfitness.com/paarth-samthaaan-hero.pdf>
<http://home.schoolnutritionandfitness.com/how-to-make-molds-for-plastic.pdf>
<http://home.schoolnutritionandfitness.com/they-say-i-say-free-pdf.pdf>
<http://home.schoolnutritionandfitness.com/stories-to-read-for-story-elements-worksheets.pdf>
<http://home.schoolnutritionandfitness.com/the-story-and-life-of-aj-fikry-pdf.pdf>
<http://home.schoolnutritionandfitness.com/sanitary-ware-company-list.pdf>
<http://home.schoolnutritionandfitness.com/wallace-d-wattles.pdf>
<http://home.schoolnutritionandfitness.com/textbook-of-veterinary-internal-medicine-ettinger.pdf>
<http://home.schoolnutritionandfitness.com/maze-runner-book-cover.pdf>
<http://home.schoolnutritionandfitness.com/making-literature-matter-ebook.pdf>
<http://home.schoolnutritionandfitness.com/raymond-chang-chemistry-10th-edition.pdf>
<http://home.schoolnutritionandfitness.com/lee-thayer-author.pdf>
<http://home.schoolnutritionandfitness.com/so-much-can-change-in-ten-year-he-was-prepared-for-it-nora-roberts.pdf>
<http://home.schoolnutritionandfitness.com/tucker-sedimentary-petrology-pdf.pdf>
<http://home.schoolnutritionandfitness.com/boyfriend-of-niti-taylor.pdf>