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Approved by: All India council of Technical Education (AICTE), Pharmacy Council of India, New Delhi, Govt. of Maharashtra, DTE, Mumbai.Affiliated to: SavitribaiPhule Pune University, Pune (ID.No.PU/NS/Pharm./163/2012) DTE Code:5405

3.2.1 Number of papers published per teacher in the Journals notified on UGC website during the last five years

Sr.No.	Title of paper	Name of the Author/s	Department of the Teacher	Name of Journal	Year of Publication
1.	A review on analytical method for estimation of Dapaglflozin and saxagliptin in bulk and in pharmaceutical dosage form by HPLC method	Mali Yogesh B, Miral Pooja B	Medicinal Chemistry	World journal of pharmaceutica l research	2020
2.	Designing of benzothiazole derivatives as promising EGFR tyrosine kinase inhibitors: a pharmacoinformatics Study	Hitesh V Shahare and Gokul S Talele	Medicinal Chemistry	Journal of Biomolecular Structure and Dynamics Taylor & francis	2019
3.	Protective effect of human umbilical cord cell on cardiomyopathy in male wistar rat.	Rupali A. Patil, Prashant V. Vyavahare, Chaitali M. Diwane	Pharmacology	Research article	2019
4.	Formulation and Evaluation of Mucoadhesive Buccal Tablet of Repaglinide	Prashant S. Malpure, Eknath B. Thakare, Avish D. Maru,	Pharmaceutics	Journal of Drug Delivery and Therapeutics	2019





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		Yashpal M. More	2 2		
5.	Formulation and Evaluation of Sustained Release Matrix Tablets of Captopril	Simran S. Pawar, Prashant S. Malpure,Santo sh S. Surana, Jayshree S. Bhadane	Pharmaceutics	Journal of Drug Delivery and Therapeutics	2019
6.	Formulation and Evaluation of Gastroretentaive Floating Mucoadhesive Tablet of Repaglinide	Prashant S. Malpure, Bapu R. Chavan, Avish D. Maru, Parag D. Kothawade	Pharmaceutics	International Journal of Recent Scientific Research	2019
7.	Development and validation of stability indicating HPTLC method forAlbendazole	Amrapali M. Pawar, Dr. Sunil K. Mahajan	Medicinal Chemistry	World Journal of Pharmaceutica I Research	2018
8.	Formulation and Evaluation of Mucoadhesive Buccal Tablet of Irbesartan	Priti P. Nikam, Prashant S. Malpure, Shital H. Patil, Yashpal M. More	Pharmaceutics	World Journal of Pharmaceutica 1 Research	2018
9.	Formulation And Evaluation of Aloe Vera based Hydrogel for treatment of Burns	Shital H. Patil, Prashant S. Malpure, Priti P. Nikam,	Pharmaceutics	World Journal of Pharmaceutica I Research	2018





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10.		Yashpal M. More, Santosh S. Surana Vaishali B.			
10.	Formulation and Evaluation of Mouth Dissolving Tablets of Zolmitriptan	Morade, Vandana R. Daga, Prashant S. Malpure	Pharmaceutics	Asian Journal of Pharmacy and Technology	2018
11,	Gastroretentive Drug Delivery System: A Review	Prashant S. Malpure, Bapu R.Chavan*	Pharmaceutics	World Journal of Pharmacy and Pharmaceutica 1 Sciences	2018
12.	Atrigel-Implants and Controlled Release Drug Delivery System: A Review	EknathThakare *, Prashant S. Malpure	Pharmaceutics	American Journal of Pharmatech Research	2018
13.	Development of validated HPLC-UV method for simultaneous determination of Metformin, Amlodipine, Glibenclamide and Atorvastatin in human plasma and application to protein binding studies	PK Porwal, GS Talele	Medicinal Chemistry	Bulletin of Faculty of Pharmacy, Cairo University	2017





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14.	Glycation alter serum albumin binding of valsartan and nateglinide when studied contemporarily	PK Porwal, GS Talele	Medicinal Chemistry	Journal of Liquid Chromatograp hy & Related Technologies	2017
15.	Formulation and development and evaluation of in situ nasal gel of lisinopril dehydrate.	R. B. Saudagar, Sonika B. Deore, Sheetal B.G	Pharmaceutics	Scholars Academic journal of pharmacy (SAIP)	2016
16.	Review on nanoparticulate drug delivery system.	Dhokale N. N.	Pharmaceutics	International journal of institutional pharmacy and life science	2016
17.	Review on liquid, solid technology – solublity and bioavability enhancer for poorly soluble drug.	Dhokale N. N.	Pharmaceutics	International journal of institutional pharmacy and life science	2016
18.	Formulation And Evaluation Of Gastroretentive Floating Alginate Beads Of Lafutidine By Ionotropic Gelation Method	Dipika H. Patil, Prashant S. Malpure	Pharmaceutics	World Journal of Pharmaceutica I Research	2016





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19.	Design, Synthesis And Antifungal Evaluation Of Novel Triazole Derivatives As Fluconazole Analogue	Ashvini H. Pagare, Sachin N. Kapse, Rani S. Kankate, Dr. Anwar R. Shaikh	Medicinal Chemistry	World Journal of Pharmacy and Pharmaceutica I Sciences	2016
20.	Protective effect of rubia cordifolia in paclitaxel induced neuropathic pain in experimental animal	Chaitali M. Diwane, Rupali A. Patil, Prashant V. Vyavahare, Rajendra S. Bhambar	Pharmacology	Indian journal of pain	2015
21.	Ameliorative effect of Nebivolol in parkinson's disease	Vandana S. Nade, Priyanka S. Pagare	Pharmacology	Research article	2015
22.	Modulation of stress by Boerhaavia Diffusa in sleep Defrival stress cold restrain stress	Vandana S.Nade, Priyanka S. Pagare	Pharmacology	Research article Journalof pharmaceutica l biology	2015
23.	Review on polymer used for in situ gel for ophthalmic drug delivery system	Vidya K. Kakad, Rachana Kumar	Pharmaceutics	International journal of pharmaceutica l research and 2015 bioscience	2015
24.	In situ gelling system smart carriers for	Vidya K. Kakad, Nagare	Pharmaceutics	International journal of	2015





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	ophthalmic drug delivery.	Rupal, Bhambere Deepak		pharmaceutica I research scholars	
25.	Electronic milestones on herbal medicine	Prashant Y. Mali, Manoj H. Alai, Apurva S. Patel, Gokul S. Talele	Medicinal Chemistry	The pharma review	2015
26.	Development of validated bioanalytical HPLC –UV method for simultaneous estimation of amlodipine and atorvastatin in rat	G.S. Talele, P.K. Porwal	Medicinal Chemistry	Indian journal of pharmaceutica l science	2015
27.	Physicochemical Investigation of Prosopis spicigera fruits (Linn.)	MV Girase, GS Talele	Medicinal Chemistry	Journal of pharmaceutica l and BioSciences 3	2015
28.	Effective Natural Drug Remedies against Herpes Zoster: A review	Shinde P.R., Patil P.S.,	Pharmacognos y	Journal of drug Delivery and Therapeutics	2020



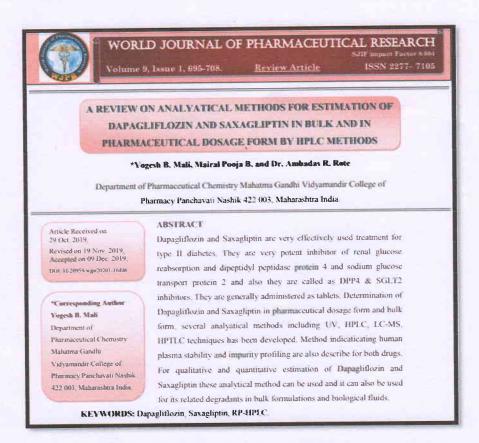
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OLLEGE OF PHARMA

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Inventi:pmp/27919/19

PROTECTIVE EFFECT OF HUMAN UMBILICAL CORD BLOOD CELL ON CARDIOMYOPATHY IN MALE WISTAR RATS

01.4gr.2019 Assessor Article April - June 2019

August & Patil^a, Proshant V Vyavahare, Charlat M Diwone

This study examined the cardioprotective activity of human umbilical cord blood cells (nUCBC) in doxonbicin (Dxr) induced cardiomyopathy in Wistar rats. Wistar rats treated with doxorubicin (50 mg/kg i.p.) revealed cardiac damage that was manifested by the elevation of serum marker entymes such as lactate dehydrogenase (LDH), aspartate aminotransaminase (AST) and alanine aminotransaminase (ALT). The animals showed significant changes in the biochemical parameter such as in-vivo antionidant engine levels (superoxide dismutase, catalase, glutathione peroxidase and glutathione-Stransferase) and lipid peroxidation levels, lipid profile and histopathological examination. Pretreatment with hUCBC significantly reversed elevation in serum marker enzymes and restored the enzyme activity and lipid perculdes to near normal levels. Restoration of cellular normality accredits the hUCBC with a cardioprotective role in Dxr-induced cardiac damage.





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Formulation and Evaluation of Mucoadhesive Buccal Tablet of Repaglinide

Tholtare Elearth IIⁿ, Malpure Prashant S., Maru Avish D., More Vashpal M. Orportonid of Pharmocelica Laboute Dr. J.O. Prewe College of Pharmocy, Phares: Tal Kabran Dat Nobala (Mah



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INTRODUCTION

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Bereereb

DOL: 10.24327/LIRSR

Research Article

FORMULATION AND EVALUATION OF GASTRORETENTIVE FLOATING MUCOADHESIVE TABLET OF REPAGLINIDE

Prashant S. Malpure, Bapu R. Chavan*, Avish D. Maru and Parag D. Kothawade

Department of Pharmaceutics, Loknete Dr. J. D. Pawar College of Pharmacy, Manur, Kahwan (Nashik) 423501 Maharashtra, India

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Ker Words:

Dual working system, Need of study, Formulation and Evaluation parameters

ABSTRACT

Foundation of Gastroretenine floring mucoadhesive tablet which would remainin stomach for Formulation of Gastroetentive floating mucoachesive tablet which would remainin stomach for prolonged period of time themely unanimizing the drug release at the desired sit for stipulated time. Reparkinists is having half life 60 mm; to improve its half life by using excipient like EPMC k15M, HPMC k10M and Xundhan gam as polymer. Optimization using 5 full-flicticated design to study stability testing of optimized formulation. Method: The tablet formulation prepared by direct compression method: Prepared formulation were evaluated as terms of their physical properties, handness, 5 full-hilly, weight variation, content uniformizing, no-arro release, floating properties, nuccoachesive strength and revelling index. The classical zero order release curve was found to be linear (R2 > 0.50). For the Korsensever's Peppas release curves R' was found to be 0.000 for all 6 formulations. Results. FIR. and DSC studies throwed no evidence of interactions between drug. polymers, and excipients. The best matters involved to elemente or matter into network or any polymers, and excipients. The best matters of any polymers profile was achieved with the formulation F7 as 95.96 % after 12 h, which containally ang drug, 25 mg HPMC K15M, 50 mg HPMC K10M, and 25 mg Kamihan guan. The floating lag time of floramilation F7 was found to be 78±0.048ec. 1698±0.05ec. The in-vitro release kinetics studies reveal that all formulations show Zero order and accordance or conficient distinction. The studies studies according in may beyond characteristics and done contest over a 3 month ordered as 2005°C. Concludes. Since concluded that according

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IDDT

Research Article

Formulation and Evaluation of Sustained Release Matrix Tablets of Captopril

Pawar Simran S.*, Malpure Praxhant S., Surana Santosh S., Bhadane Jayashri S.

marries. Laborate De J.D. Fewer College of Pharmone, Massar, Tal-Kalwan, Dist-Nashide (Malacembera) 42:1501

The objective of the present study was so study the effect of polymers on waterined release of Captopoli from selficts. Compatibility was so by Faurier transform infrared agestroscopy and DSC. The tablets were proposed by alread compression techniques using Northern gum and Callulane. The proposed material solitates were evaluated for their physicademical potentiates was neight variation. Introduces, first content underwrity and in vitre alimn hation. Pre analyzed to suppose parameters were conducted and of the garanteers were found with least. The shap release that were subjected to different models in order to evaluate release intention and motherism of drug release. The shape proposed to the present the supposed proposed to the present the supposed proposed proposed to the present the supposed proposed proposed to the present models and the present proposed pro relia: Mauric tableza, Caguagril, Xanaban gara, Esbyl millulane.

Article Info: Received 18 July 2019. Beview Completed 23 Aug 2019: Accepted 27 Aug 2019. Available online 30 Aug 2010

Cite this article as:

Powar SS, Malgure P.S., Surama S.S., Bluedame J.S., Fernandations and Evaluation of Scattained Release Marris: Tableta of Capparell, Journal of Drug Delivery and Thorngousia. 2019; 9(4-A):260-268. https://doi.org/10.22279/jobb.v964-A3466 Power St. Malgare P.S. Streen SS. Ble Gesegril, learned of Drug Delivery and A.3466 *Address for Correspondence:

Max Pervar Simran S. Department of Pharmacoutics, Labrace Dr. J.D. Pervar College of Pharmacy, Manue, Tal-Halvan, Disc Health Malaceabors) 423501

INTRODUCTION

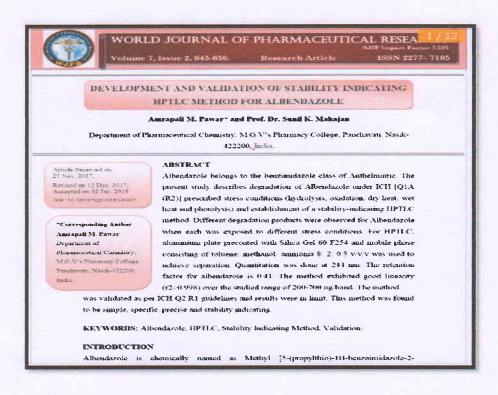
Sustained release technology is relatively new field and as a

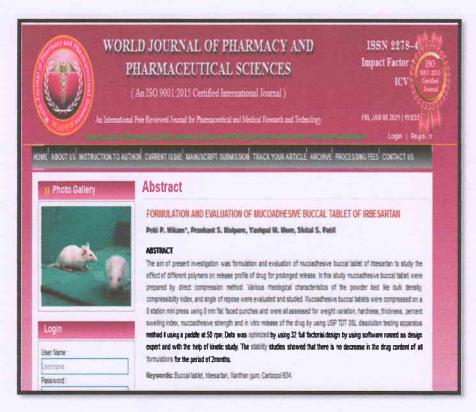
abolish responses to Angioteness I but not to Angioteness II.
Hence the inhibition of ACE therefore may induce the effect unrelated to reducing the level of Angioteness II. ACE





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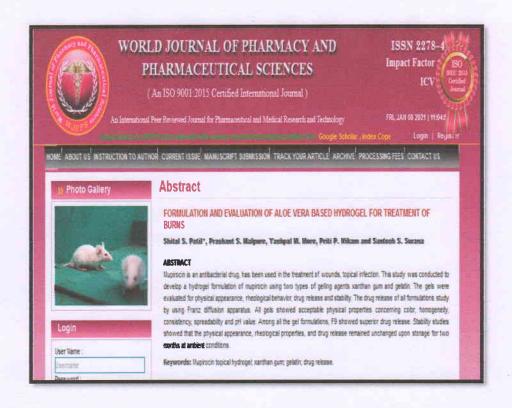


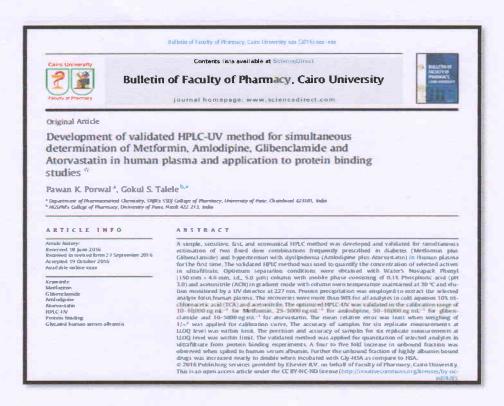






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Review Article!!!

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LIQUIDSOLID TECHNOLOGY - SOLUBILITY AND BIOAVAILABILITY ENHANCER FOR POORLY SOLUBLE DRUGS

Aishwarya Sopan Exande*, Sapana P. Ahirrao, Nishigandha N. Dhokale, Paresh S. Hire Department of Pharmaceutics, MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaca, Nashik,

422003, India Keywords:

Solubility enhancement, powder solution technology, houselid compact.

bioavailability

For Correspondence: Aishwarya Sopan Erande of Pharmaceutics, MET's Institute of Pharmacy, Bhujhal Knowledge City, Adgaon, Nashik, 422003,

India

E-mail:

ABSTRACT

Liquisolid technique is als It is the technique which deals with the solubility enhancement of pocaly soluble drugs. As these days there are many drugs in the market with poor solubility which leads to poor dissolution and bioavailability, so solubility is becoming rate limiting factor in the development of new drugs. To overcome this problem there are many techniques but liquisolid technique is most promising technique which is discussed in this article. Liquisolid is mainly composed of drug, non volatile solvent, carrier material, coating material, and disintegrant. In liquisolid technique carrier and coating material which should be in the ratio of 20:1 is mixed into the non volatile solvent and then disintegrant is added and final material is compressed into tablets. Both immediate or sustained release formulation through oral route.

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Research Article

Formulation Development and Evaluation of In-Situ Nasal Gel of Lisinopril Dihydrate

, Sheetal B. Gondkar2 Ravindra B. Saudagar ¹Department of Quality Assurance Techniques, KCT'S R.G. Sapkal College of Pharmacy, Anjanen, Nasik 422 213, Maharashtra, India

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Abstract: The present study was aimed to develop a mucoadbesive In-situgel of Lisinopril Dihydrate for improved bioavailability by circumventing the hepatic first pass metabolism and patient compliance. Lisinopril dihydrate was ncorporated into the blends of thermo reversible polymer pluronic F 188(PF 188) and bio adhesive polymer Carbopol 934 in the form of In-situgel by cold technique to reduce the macocillary clearance, and thereby it will increase the contact of formulation with rasal mucosa and hence improving drug absorption. The prepared gels were characterized by pH. Drug content, Gel strength, in -vitro drug release studies, stability study etc. The pH of all the formulations were found to be within the range between 4.5-6.5 and the nasal mucosa can tolerate the above mentioned pH of the formulations. The drug content of all formulations was found to be 91.09 to 99.98%. Viscosity measurement of the formulations at temperatures 25°C & 37°C shows that there was increase in viscosity with increase in the temperature and it was found that all formulations were in liquid state at room temperature and were converted into gel at nasal physiological temperature. The optimized formulation showed a drug release of 98.83% in 8 hrs. Keywords: Lisinopril dihydrate, In-situgel, nasal delivery, Phironic F188.





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Research Article

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DESIGN, SYNTHESIS AND ANTIFUNGAL EVALUATION OF NOVEL TRIAZOLE DERIVATIVES AS-FLUCONAZOLE ANALOGUE

*1Ashvini H. Pagare, ³Sachin N. Kapse, ²Rani S. Kankate, ³Dr. Anwar R. Shaikh

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ABSTARCT

A series of 1-(5-(4-phenyl)-1-3,4-oxadiazol-2-yl)-2-(2,4-diflucrophenyl)-3-(1H-1,2,4-triazol-1-yl)propan-2-ols compounds were synthesized and evaluated for their antifungal activities in-vitro. As most 6A-6E compounds exhibited good in-vitro antifungal activity, this finding supported our attention that attachment of fluoro and chloro group to the phenyl ring increases the antifungal activity of the compound. On the other hand, replacing the chloro and fluoro group with nitro group almost eliminated the antifungal activity, which was demonstrated by the low antifungal activity of compounds 6G-6I. Combining the results from this study and from previous research, we

propose that the optimal strategy to maximize the antifungal activity of compound was to condense substituted 1,3,4-oxadiazoles as the replacement to 1,2,4-triazole ring of

American Journal of Pharmacology and Pharmacotherapeutics

Original Article

American Journal of Pharmacology and Pharmacotherapeutics

Ameliorative Effect of Nebivolol in Parkinson's disease

Vandana S. Nade*, Laxman A. Kawale, Shankar S. Zambare, Pranita P. Dharmadhikari and Priyanka S. Pagare

Department of Pharmacalogy, M.V.P.S. Colleges of Pharmacy, Gangepur Road, Nashsh -421002, Insha

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ABSTRACT

Objective: The objective of the present study was to evaluate anti-parkinsons activity of nebivolol.

Methods: Parkinson's disease (PD) was induced by administration of rotenone (3 mg/kg/day, i.p for 21 consecutive days), and haloperidol (1 mg/kg, i.p). The symptoms of PD like tremors, akinesia, rigidity and catalepsy were evaluated. Foot shock-induced aggression (FSIA) model was used to confirm anti-parkinsonian activity. Nebivolol was administered at doses of 5, 10 and 20 mg/kg, p.o.

Results: Treatment with nebivolol significantly reduced intensity of muscular rigidity, akinesia, tremors, duration of catalepsy and increase fighting behaviour. The locomotor activity, exploratory behavior and grip strength were significantly improved by nebivolol. In rotenone model, the biochemical analysis of brain revealed the increased level of lipid peroxidation (LPO) and decreased levels of superoxide dismutase (SOD) and catalase (CAT). Treatment with nebivolol significantly reduced LPO level and restored the defensive antioxidant enzymes SOD and CAT.

Conclusion: Nebivolol may be used as a neuroprotective agent in the treatment of parkinsons disease along with standard anti-parkinson agents.

Kermande: Egot shock induced aggression. Neurodeneration. Parkinson's disease. Rotenous





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REVIEW ARTICLE

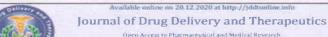
In Situ Gelling System: Smart Carriers for Ophthalmic Drug Delivery Nagare Rupali B, Bhambere Deepak S, Kumar Rachana S, Kakad Vidya K, Nagare Sujata N MET'S Institute of Pharmany, Bhujhal Knowledge City, Adgeon Nashik 422003, Indi Manuscript No: IPPRS/V4/32/00050, Received On: 07/04/2015, Accepted On: 13/04/2015

ABSTRACT

Eye is unique and vital organ. It is considered as window of the soul. It suffer from various diseases are treated by topical drug delivery in the form of solutions, suspensions and ointment. These conventional dosage forms suffer from the problems of poor ocular bioavailability because of dilution low residence time, blurred vision, undesirable side effects arising due to systemic absorption of the drug through naso-lacrimal dramage. To overcome this disadvantages along with consideration of anatomy physiology and biochemistry of eye researchers in ophthalmic drug delivery systems is directed towards a amalgamation of several drug delivery systems, that include to build up systems which not only prolong the contact time of the vehicle at the ocular surface but also slow down the removal of the drug so in situ gel is one of the smart carrier for the sustained and controlled ocular drug delivery. In situ forming ophthalmic hydrogels are liquid upon instillation undergoes phase transition in the ocular culde-sac to form visco elastic gel and this provides a response to environmental changes like temperature, ionic strength, ultra violet irradiation or pH. Due to these delivery system reduces disadvantages associated with conventional dosage form and thus serves as best alternative to conventional ophthalmic drops. In this article, an attempt has been made to highlight the reason behind poor bioavailability, concept and importance of in situ gel along with mechanism of gelation with different approaches as well as evaluation parameters.

KEYWORDS

journal of Drug Delivery & Therapeutics, 2020; 10(6-s):112-118



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Effective Natural Drug Remedies against Herpes Zoster: A Review

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Herpex zoster (HZ), also known as shingles, is a painful vesicular rash resulting from reactivation of the virus that also causes chickenpos Furnicals zoster virus (VZV). Typically, the rash runs its course in a matter of 4-5 weeks. The pain, however, may persist morths, even year after the skin heals. This phenomenon is known as postseperitic neuralga (PIN). This review tried to provide more comprehensive an accurate data on the effects of different berbals on the VZV as a probable alternative treatment for VZV, but her clarification of the hechal interactions with VZV is required which could promote valisable internations about the chemical nature and mechanism(s) of action of the potential anti-VZV molecule(s) and all the most potential plant extracts must undertake further analysis and purification steps with the aim is determined the active elements ensisting in the herball.

Key words. Herper zoster (112), Shingles, Variaella zoster virus (VZV), Post neurulgia, Natural products

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Physicochemical Investigation of *Prosopis spicigera* fruits (Linn.) from Khandesh region of Maharashtra, India

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Abstract:

The evaluation of crude drug is an important task to get an idea about quality, purity of herbal crude drugs so pharmacognostical and phytochemical investigations are considered as valuable parameters for determination of quality, purity and correct identity of medicinal plants. The Khandesh region of Maharashtra, densely populated by various tribe's communities like Pawara, Kokani, Bhils, Mavach, and Vasave etc. The tribes reside isolated form from each other so, illiteracy ratio is quite high and unfortunately less number of modern medical facilities are available for treatment of public health so tribes strongly believe in herbal treatment given by local traditional healers. The healers used *Prosopis spicigera* as a medicine in liver disorders. The *Prosopis spicigera* (Lim.) Druce is a traditional multipurpose plant used by tribes in the treatment of various diseases without any scientific rational data. For the rationalization of *Prosopis spicigera* in a scientific way, the fruits were investigated pharmacognostically and phytochemically and outcomes confirmed the presence of various inorganic elements within proper range. The fruit extracts were screened for conventional phytochemical investigation revealed the presence of flavonoids, tannins, alkaloids, phenolic compounds, sterols and carbohydrates. Thus the present study provides scientific, rational data on the basis of pharmacognostical and phytochemical findings, which can be supported to plant to get a valuable place in modern herbal medicines and in the proposed Pharmacognosi of Indian medicinal plants.

Keywords: King of desert, Nutritional plant, khandesh plant, Prosopis spicigera

INTRODUCTION

Since antiquity plants have been playing a great role in the development of medicine and for public health, in

analogues built on prototype compounds isolated from plants [5]. The Satpuda region of Khandesh, Maharashtra. particularly Dhule and Nandurbar districts

