



Research Publications in Journals during Year 2022

1. Atul Desai, Kavita Desai, Hemshree Desai, Rutvij Desai, Chirag Desai, Pinky Purohit, Nikita Champaneri, Anali Patel, Pragna Mahida. Case Report Study on Intergrated Treatment with T-AYU-HM Premium in a Child of Sickel Cell Disease: A 7 Year Follow up Study. **Indian Journal of Pharmacy Practice**. 2022; 15(4); 325-330: ISSN.
2. Atul M Desai, Hemshree A Desai, Rutvij A Desai, Chirag Desai. Case study on the effect of T-AYU-HM Premium with modern medicine in server Covid-19 Patient. **Research Journal Pharm and Tech**. 2022; 15(11); 4950-4954: ISSN 0974-360X.
3. Velenti Chauhan, Hitesh Dalvadi. A Systematic Review of Spherical Agglomeration by Practical Design of Drug Formulation. **Pharmacophore**. 2022; 13(1); 83-90: ISSN 2229-5402.
4. Alisha Patel, Heli Desai, Ankita Patel. Derivatization of Neomycin Sulphate and Area Under Curve Method for Estimation of Neomycin Sulphate and Clobetasol Propionate in Cream. **Journal of Advance Scientific Research**. 2022; 13(9) : 88-93: ISSN 0976-9595
5. Komal Parmar, Archi Desai. Preparation and Optimization of Quick/Slow- Release Bilayered Tablets of Prazosin HCL Using Doe and PCA. **Pharmacophore**. 2022; 13(2); 80-89: ISSN 2229-5402
6. Priyadarshini Patel,. Tejash Patel. Design and Development of Dual Functional Colon Targeted Eudragit/ Chitosan Nanoparticles: A Qbd Approach. **Indian Journal of Pharmaceutical Education and Research**. 2022; 56(4); 1063-1075: ISSN 0019-5464.
7. Komal Paramar, Nishita Yagneshwari. Gasteroretentive Chronopharmaceutical Formulation of Lafutidine for Early Morning Acid Breakthrough. **Pharmacophore**. 2022; 13(5); 1-7: ISSN 2229-5402.
8. Atul Desai, Kavita Desai, Hemshree Desai, Rutvij Desai, Chirag Desai. Clinical Evaluation of T-AYU-HM Premium in Sickle Cell Anemia Patients: A Retrospective Study. **International Journal of Ayurveda and Pharma Research**. 2022; 10(2); 28-35: ISSN 2322-0902.
9. Atul Desai, Kavita Desai, Hemshree Desai, Rutvij Desai, Chirag Desai. Clinical evaluation of T-AYU-HM Premium in Sickel Cell Anemia Anemia Patientts: A Restropective Study. **International Journal of Ayurveda and Pharma Research**. 2022; 10(9); 34-40: ISSN 2322-0902.
10. Tularam Barot, Bhupendra Prajapati, Jeshika Patel, Shruti Barot, Nirmal Vashi, Priyadarshini Patel. A Review on the Drugs Getting Off-Patent between the Year 2022-2025 in USA and Their Pharmaceutical Properties. **Systemic Review Pharmacy**. 2022; 13(3); 296-305: ISSN 0975-8453
11. Madhuri Ajay Hinge, Dipti Patel. Optimization of HPLC method using Central Composite Design for Estimation of Torsemide and Eplerenone in Tablet Dosage Form. **Brazilian Journal of Pharmaceutical Sciences**. 2022; 58;
12. Madhuri Ajay Hinge, Dipti Patel, Megha Shah. Simultaneous Evaluation of Amlodipine Besylate and Candesartan Cilexetil by Applying Chemometric Assisted Spectrophotometric Method. **Pharmacophore**. 2022; 13(1); 1-9: ISSN 2229-5402
13. Atul Desai, Kavita Desai, Hemshree Desai, Rutvij Desai, Chirag Desai, Nishita Prajapati, Dhruvi Patel. Integrated Treatment Approach in Hemiplegic Stroke Patient: A Case Study. **International Journal of Ayurveda and Pharma Research**. 2022; 10(8); 72-: ISSN 2322-0902.



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14. G. Santhanakumar, Pravin Tirgar, Mittal Dalal. Development and Evaluation of Novel Rodent Model of PCOS mimicking Clinical Phenotype in Human Disease. ***Middle East Fertility Society Journal***. 2022; 27(25); 1-13:
15. G. Santhanakur, Pravin R. Tirgar, Punit R. Rachh. Effect of Nutraceutical Formulation Ovajal on DHT and Fructose – induced Polycystic Ovary Syndrome in a Rodent Model. ***International Journal of Pharmaceutical Sciences and Drug Research***. 2022; 14(2); 256-261: ISSN 0975-248X
16. Nishi Lakhani, Sameer Desai, Chirag Desai, Ankit Merai, Arindam Paul. Comparative Study of Favipiravir Plus Ivermectin and Doxycycline Therapy on Covid – 19 Patients: A Restropective Study. ***Journal of Pharmaceutical Science and Bioscientific Research***. 2022; 11(2); 84-87: ISSN 2271-3681
17. Atul Desai, Hemshree Desai, Rutvij Desai, Ankit Merai, Maitri Kalan, Chirag Desai, Arindam Paul. Sub-Chronic Toxicity Study of T-AYU-HM™ Premium: A Herbo- Minerals Formulation. ***International Journal of Pharmaceutical Sciences and Drug Research***. 2022; 14(2); 1-7: ISSN 0975-248X
18. Dr. Atul Desai, Dr. Kavita Desai, Dr. Hemshree Desai, Mr. Rutvij Desai, Dr. Chirag Desai, Nishita Prajapati, Dhruvi Patel, Nikita Champaneri, Pinki Purohit. Case Report on Effect of T-AYU-HM Premium Post Vaccination Covid – 19 Infected Patient. ***International Journal of Scientific Development and Research***. 2022; 7(3); 70-72: ISSN 2455-2631
19. Atul Desai, Kavita Desai, Hemshree Desai, Chirag Desai, Rutvij Desai. Evaluation of the Safety and Efficacy of T-AYU-Hm premium and Onion Steam Inhalation in Mild to Moderate Covid – 19 Patients. ***International Journal of Pharmaceutical Sciences and Drug Research***. 2022; 14(2); 233-237: ISSN 0975-248X
20. Madhuri Hinge, Dipti Patel. Chemometric Assisted Spectrophotometric Method Development for Evaluation of Torsemide and Eplerenone in their Combined Tablet Dosage Forms. ***International Journal of Pharmaceutical Education and Research***. 2022; 56(1); 255-263: ISSN 0019-5464
21. Madhuri A. Hinge, Dipti Patel. Evacuation of Hydrochlorothiazide and Methyldopa Simultaneously by Applying Chemometric Spectrophotometric Method. ***International Journal of Pharmaceutical Sciences and Research***. 2022; 13(1); 242-250: ISSN 2320-5148 : E-ISSN 0975-8232
22. Atul Desai, Kavita Desai, Hemshree Desai, Chirag Desai, Rutvij Desai. Integrated Treatment Approach Biomarkers of Vaso-Occlusive Crisis in Patient of Sickle Cell Disease: A Case Study. ***International Journal of Medical Science and Innovative Research***. 2022; 7(1); 76-83: ISSN 2458-8687: EISSN 2458-868X
23. Atul Desai, Kavita Desai, Hemshree Desai, Rutvij Desai, Chirag Desai. Case Report Study of an Intergrated Treatment Approach in Critical Case of Covid – 19 Patient. ***International Journal of Pharmaceutical Sciences and Drug Research***. 2022; 14(1); 136-140: ISSN 0975-248X
24. Komal Parmar, Kirti Oza. Increase in Dissolution Rate of Zotepine via Nanomilling Process – Impact of Dried Nanocrystalline Suspension on Bioavailability. ***Pharm Sci Tech***. 2021; 23(1)
25. Desai Atul, Desai Hemshree, Desai Rutvij, Desai Chirag, Desai Jital, Mansuri Anjuman. A Brief Review on HLA B27 and Possible role of Traditional Medicine Plants in HLA B27 induce



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Ankylosing Spondylitis. *International Journal of Scientific Development and Research*. 2022; 7(7); 396-401: ISSN 2455-2631

26. Urjit Patel, Nikita Champaneri, Hemshree Desai, Rutvij Desai, Chirag Desai. Comparative Study on Available Treatment Options with T-AYU-HM Premium for Sickle Cell Anemia: A Review. *European Journal of Biomedical and Pharmaceutical Sciences*. 2022; 9(9); 105-109: ISSN 2349-8870

27. Tularam Barot, Krutika Patel, Shruti Barot, Urja Patel, Khushboo Kapadia. Development and Optimization of Microemulsion Based Gel for Methylprednisolone. *International Journal of Pharmaceutical Research and Applications*. 2022; 7(3); 2158-2171: ISSN 2456-4494