

Government Medical College Surat
Department of Pharmacology
List of Dissertation Topics (2012-2018)

| No. | Year of Admission | Submission for the Examination Year | Name of PG Student | Name of PG Guide | Title of Thesis |
|------------|--------------------------|--|---------------------------|-------------------------|---|
| 1. | 2009 | 2012 | Dr. Shashank Deoghare | Dr. N D Kantharia | Study of Oxidative Stress in Hypertension and Its Association with Antihypertensive Treatment |
| 2. | 2010 | 2013 | Dr. Abhinav Sharma | Dr. Chetan Acharya | Involment of Oxidative Stress in Gout & Effective Antioxidant Property of Allopurinol in Patients of Gout |
| 3. | 2010 | 2013 | Dr. Paresh Solanki | Dr. Preeti Yadav | Exploration of Mechanism of Action of Ephedrine on Rat Blood Pressure |
| 4. | 2011 | 2014 | Dr. Ashish Zala | Dr. Chetan Acharya | Effect of Atenolol on Hemoglobin Level in Mild to Moderate Hypertension |
| 5. | 2011 | 2014 | Dr. Prakash Malam | Dr. N D Kantharia | Role of Glipizidde Therapy on Oxidative Stress Parameters in Newly Diagnosed Type-2 Diabetes Mellitus Patient |
| 6. | 2012 | 2015 | Dr. Nitesh Gamit | Dr. N D Kantharia | Study of Effect of Metformin on C-Reactive Protein Level in Type 2 Diabetes |

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| 7. | 2012 | 2015 | Dr. Khushbu Vaghasiya | Dr. Chetna Patel | Estimation of Thyroid Profile in Patients with Diabetes Mellitus in NCH, Surat |
| 8. | 2013 | 2016 | Dr. Ashal Shah | Dr. Preeti Yadav | ADR Monitoring in Patients with Bipolar Disorders in The Psychiatry Department of NCH, Surat |
| 9. | 2013 | 2016 | Dr. Ankit Vataliya | Dr. Chetan Acharya | Evaluation of Cardiac Action of Nystanthes Arborescens in Isoprenaline Induced Ischemia Model of Male Wistar Rats |
| 10. | 2014 | 2017 | Dr. Jayant Rai | Dr. Preeti Yadav | Effect of Anti-Epileptic Drug on Cognitive Function : A Prospective Study in Individual with Newly Diagnosed Complex Partial Seizure & Generalized Tonic-Clonic Seizure |
| 11. | 2014 | 2017 | Dr. Dhruv Patel | Dr. Chetna Patel | Effect of Metformin on Lipid Profile in Type 2 Diabetes Mellitus Patients in A Tertiary Care Teaching Hospital |
| 12. | 2014 | 2017 | Dr. Dharna Patel | Dr. N D Kantharia | Study of Effect of Insulin on Cognitive Function in Diabetes Mellitus |
| 13. | 2014 | 2017 | Dr. Vipul Navadiya | Dr. Anita Sinha | A Prospective Observational Study of Effect of Atorvastatin on Serum Level of Lipase and Amylase |
| 14. | 2014 | 2017 | Dr. Asif A Barejia | Dr. Chetan Acharya | Exploration of Cardio-Protective & Anti-Oxidative Effect of Bilirubin in Isoprenaline Induced Ischemic Model of Male Wistar Albino Rats |

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| 15. | 2015 | 2018 | Dr.Trupti Machi | Dr. N D Kantharia | Effect of Fluoxetine and Escitalopram on Heart Rate Variability and Serum Potassium Levels in Patients of Depression and Anxiety Disorder |
| 16. | 2015 | 2018 | Dr.Archita Joshi | Dr. Chetna Patel | Study of Effect of Leptin on Spatial Learning and Memory and Blood Glucose Levels in Streptozotocin Induced Diabetes Mellitus in Male Wistar Rats |
| 17. | 2015 | 2018 | Dr.Richa Verma | Dr.Preeti Yadav | Comparative Study of Efficacy of Topical Clindamycin with Topical Dapsone(Gel) in Patients of Acne Vulgaris |
| 18. | 2015 | 2018 | Dr.Nidhi Gohil | Dr.Anita Sinha | Effect of L-thyroxine on Oxidative Stress Parameters and High Sensitivity C-Reactive Protein in Hypothyroid Patients |
| 19. | 2015 | 2018 | Dr.Vaishali Bhargava | Dr.Chetan Acharya | Evaluating Effect of Atypical Antipsychotics Aripiprazole and Olanzapine on Heart Rate Variability, An Emerging Indicator for Cardiovascular Complications Using Ketamine Induced Rat Animal Model of Schizophrenia |
| 20. | 2016 | 2019 | Dr. Rohan Srivastava | Dr. N.D. Kantharia | Effect of amitriptyline and pregabalin on heart rate variability and electrolytes in neuropathic pain in diabetic and non-diabetic patients. |
| 21. | 2017 | Vacant | | | |
| 22. | 2018 | 2020 | Dr.Patel Bhargavi Janak | Dr. Chetna Patel | Evaluation of adverse drug reactions of anticancer drugs used in cancer treatment in a tertiary care teaching hospital, Gujarat. |

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| 23. | 2018 | 2020 | Dr.Patel Mrugank Harishbhai | Dr. Anita Sinha | Effect of Vitamin C Supplementation on Sputum Conversion Rate of Category-I Pulmonary Tuberculosis Patients in Intensive Phase Anti tubercular Therapy–A Prospective Observational study |
| 24. | 2018 | 2020 | Dr.Kishanbhai Sunilkumar Patel | Dr. N. D. Kanthariya | Prospective observation study on Effect of Olanzapine on heart rate variability in patients of schizophrenia & brief psychotic episode. |
| 25. | 2018 | 2020 | Dr.Patel Dishaben Sureshbhai | Dr. C. R. Acharya | Impact of shorter MDR tuberculosis regimen drugs on heart rate variability in MDR tuberculosis patients at tertiary care hospital. |
| 26. | 2018 | 2020 | Dr.Bhargav Ramesh Darji | Dr. Preeti Yadav | Adverse Drug Reaction Monitoring in patients on Anti-Tubercular Treatment alone and in Combination with Highly Active Anti-Retroviral Therapy. |
| 27. | 2019 | 2021 | Dr. Khushbu P. Rathod | Dr. Preeti Yadav | Effect of Metformin on Heart Rate Variability(HRV) in newly diagnosed type 2 Diabetes Mellitus patients at tertiary care hospital |
| 28. | 2019 | 2021 | Dr. Jatin V. Pathak | Dr. N. D. Kanthariya | Effect of chlorthalidone on Heart rate variability (HRV) in newly diagnosed patients of systemic hypertension in a tertiary care hospital: A prospective observational study. |
| 29. | 2019 | 2021 | Patel Jeenalben | Dr. Chetan Acharya | Study of Adverse Drug Reactions in outpatients and inpatients of Medicine Department in a Tertiary Care Hospital: A Cross-sectional Study |
| 30. | 2019 | 2021 | Dr.Jigar K. Chotaliya | Dr. Chetna Patel | Cohort event monitoring of artemisinin derivatives in patients treated for uncomplicated malaria in tertiary care teaching hospital. |

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| 31. | 2020 | 2022 | Dr. Manoj Halpati | Dr. Chetan Acharya | A Retrospective Study on Drug Utilization Patterns and Cost Analysis of Drugs used in Covid 19 Positive Patient Hospitalized at Tertiary Care Hospital. |
| 32. | 2020 | 2022 | Dr. Shah Vijitaben Kishorkumar | Dr. Chetna Patel | A retrospective analysis of pharmacoconomics and drug utilization study in drug resistant tuberculosis at tertiary care hospital, Gujarat |
| 33. | 2020 | 2022 | Dr. Sodha Pradip Dineshbhai | Dr. Preeti Yadav | Correlation of Anti-Cholinergic agents in patient with schizophrenia on Anti-Psychotic Therapy and Extra-Pyramidal Side Effects. |
| 34. | 2020 | 2022 | Mistry Jeenal Jitendrabhai | Dr. Anita Sinha | An Observational Study On Outcome Of Anti-Tubercular And Antidiabetic Therapy In Patients Of Tuberculosis With Diabetes Mellitus As Comorbidity. |
| 35. | 2020 | 2022 | Dr. Turki Sana Parvin Firoz | Dr. Mayur Chaudhari | A cross-sectional study of effect of antiepileptic drugs on quality of life and their side effects in Paediatric epilepsy patients in a tertiary care hospital. |