

Extramurally Funded Clinical Research Projects

S. No	Title	Sponsor	Principal Investigator	Co-Investigators (Co-I) & Site Manager
1.	Clinical evaluation for the prophylactic role of traditional Siddha formulation Vishasura Kudineer enlisted in Advisory of Ministry of AYUSH for COVID-19.	Ministry of AYUSH, Government of India, New Delhi, India.	Dr. K. Prasanna Purna, Professor, Department of Respiratory Medicine.	Co-I's; Dr. Sivakumar Vijayaraghavalu, Professor and Head, Narayana Translational Research and Incubation Center (NTRIC). Dr. R. Shailaja (Ayush Clinician), Siddhar Research Institute, Chennai, India.
2.	An Academic Multicentre Open Label Single Arm Study to Record the Efficacy of Indomethacin among Confirmed COVID-19 patients with Mild and Moderate Symptoms.	IIT Madras, Chennai, Tamil Nadu (TN) India.	Dr. K. Prasanna Purna Professor, Department of Respiratory Medicine.	Co-I; Dr. Sivakumar Vijayaraghavalu, NTRIC. Project in collaboration with IIT Madras.
3.	An Academic Retrospective Study to Record the Efficacy of Paracetamol along with other drugs, among Confirmed COVID-19 patients with Mild and Moderate Symptoms.			
4.	Randomized, Parallel Group, Phase III Study to Compare Safety and Efficacy of BFLUID with a Commercially Available Solution, NUTRIFLEX PERI, as a Control Product in Patients Undergoing Gastrectomy or Colectomy.	Otsuka Pharmaceutical India Pvt. Ltd.; Clinical Research Organization (CRO) - JSS Medical Research, Chennai, TN, India.	Dr. Thirunavukkarasu, Professor, Department of Surgical Gastroenterology.	Dr. Gurudutt P Varty, Resident, Department of Surgical Gastroenterology. Site Manager - Dr. Sivakumar Vijayaraghavalu, NTRIC.
5.	An Open Label, Balanced, Randomized, Multicentre, Multi-dose, Two – Treatment, Parallel, Comparative Phase III Clinical Trial to Determine the Safety and Efficacy of Biapenem 300 mg Injections Manufactured by BDR Pharmaceuticals Internationls PVT. Ltd. India	BDR Pharmaceuticals Internationls Pvt. Ltd., Mumbai, Maharashtra India.	Dr. Bhimasen Soren, Professor and Head, Department of General Medicine.	Site Manager - Dr. Sivakumar Vijayaraghavalu, NTRIC.

	with I-NEM (Imipenem 500 mg +Cilastin 500 mg) injection manufactured by Glenmark Pharmaceuticals, Indian Human Adult, Patients with Various Complicated Infections.	CRO - Spinos Life Science and Research Pvt. Ltd., Coimbatore, TN, India.		
6.	An Academic study to evaluate Laphre – A Vaginal Pessary for treatment of Bacterial Vaginosis.	Tenshi Lifecare, Pvt. Ltd., Bangalore, Karnataka, India.	Dr. Neha, Senior Resident, Dept. of Obstetrics & Gynecology.	Site Manager - Dr. Sivakumar Vijayaraghavalu, NTRIC.
7.	A Prospective, Randomized, Active Controlled Clinical Study Evaluating the Safety and Hemostat Effectiveness of Absorbable Hemostat Powder of XXXXXXXXXXXX., in comparison with AristaTM AH (Absorbable Hemostat) of BD, Warwick, RI, 02886, U.S.A in Mild or Moderate Parenchymal or Soft Tissue Bleeding During General Surgery.	Lucktin (Hainan) Biotech Co., Ltd, Haikou City, Hainan, China. CRO - Scitus Pharma Services Private Limited, Chennai, TN, India.	Dr. Mahidhar Reddy, Professor, Department of General Surgery.	Dr. S V Eswaran, Resident, Department of General Surgery. Site manager – Dr. Sivakumar Vijayaraghavalu, NTRIC.
8.	A Multi- Centre, Randomized, Open Label, Comparative Efficacy and Safety Study of Acetazolamide Ophthalmic Gel 0.65% with Acetazolamide Extended- Release Capsules 500 mg Preoperatively in Glaucoma Patients Undergoing Surgery.	Shilpa Medicare Limited, Raichur, Karnataka, India. CRO - JSS Medical Research, Chennai, TN, India.	Dr. C. Amruth Kumar, Associate Professor, Department of Ophthalmology.	Co-PI - Dr. Ramya Deepthi, P, Assistant Professor, Department of Ophthalmology. Site Manager – Dr. Sivakumar Vijayaraghavalu, NTRIC.

Self-Sponsored Post Graduate Student Projects

Department of Pathology			
S. No	Title	Principal Investigator	Supervisor
1	A study on optimal biopsy site in patient presenting with dyspepsia for <i>Helicobacter pylori</i> by using Sydney system of grading.	Dr. Divya Teja	Dr. N. Mohan Rao
2	To study the expression of Her2 / Neu expression in gastric adenocarcinoma and its prognostic significance.	Dr. Bachu Niveditha	Dr. V. Shanthi
3	To study the diverse histo-pathological patterns of testicular lesions that help arrive at a definite diagnosis, which is of paramount clinical significance.	Dr. Samanth kumar	Dr. B. Syama Sundara Rao
4	Immunohistochemical expression of EGFR in malignancies of upper aero-digestive tract and its prognostic significance.	Dr. Fameena Rahman	B. V. Vydehi
5	P16 Immunohistochemical expression in head and neck squamous cell carcinoma and its prognostic utility.	Dr. Nanditha Kolluru	Dr. K. Durga
Department of Pediatrics			
6	Study on effects of cord blood pH and biochemical markers on severity of perinatal asphyxia of term neonate - a prospective observational study.	Dr. Y. Bharath Vyass	Dr. Gangadhar B. Belavadi
7	Study of infant weaning practices in tertiary care hospital of Nellore district.	Dr. Anusha	Dr. Sambasiva Reddy
8	Study of obesity and hypertension in school going children aged 10-16 years.	Dr. Ramireddy Malavika	Dr. E. Kishore

9	A study on liver enzymes as an early predictor of complicated dengue fever in a tertiary care hospital in South India.	Dr. Pasumarthy Prasanth	Dr. R.V. Bharath
10	Cross-sectional study of hypertension among school going children of age 12-16 years in Nellore.	Dr. G. Sai Ram	Dr. Gangadhar B. Belavadi
Department of General Surgery			
11	A comparative study of TEP versus lichtenstein tension free mesh repair in patients with Inguinal hernia.	Dr. Ravindra Babu	Dr. J. V .Ram Mohan
12	A clinical study of surgical jaundice due to common bile duct stones.	Dr. Yalla Sai Vamsi Krishna Reddy	Dr. Sreeram Sateesh
13	A comparative study between onlay and retrorectus mesh repair in incisional hernia a prospective interventional study.	Dr. Dayakar. S	Dr. V.V. Subramanyam
14	Study of chronic superficial venous insufficiency in patient with competent saphenofemoral junction.	Dr. Mehatab Hussain	Dr. J. V. Ram Mohan.
15	Mannheim's peritonitis index as a prognostic tool in perforative peritonitis.	Dr. N. Tejaswi	Dr. V. Mahidhar Reddy
16	Study of stoppas technique for repair of inguinal hernias.	Dr. Manikyam Sreedhar Subba	Dr. K. L. Sampath Kumar
Department of General Medicine			
17	Study of serum Magnesium levels and its association with glycemic control in type 2 diabetes mellitus- a cross sectional study.	Dr. Chinta Ram Manindra Chowdary	Dr. C. V. Subrahmanyam
18	A cross-sectional study to compare the efficacy of non- invasive versus invasive predictors of oesophageal varices in patients with portal hypertension.	Dr. Gourishetty Sanath Kumar	Dr. S. Syama Sundar Reddy

19	A study on clinical features, microbiological profile and their effects on prognostic factors and treatment outcome in patients of acute pyelonephritis.	Dr. J H T Kavya	Dr. Dorasanamma
20	Study of subclinical hypothyroidism over 50 years of age and its relation with diabetes, hypertension and ischemic heart disease.	Dr. P. Saitheja	Dr. Ramesh Babu
21	Neutrophil to lymphocyte ratio as a marker of disease severity and exacerbation in chronic obstructive pulmonary disease.	Dr. Pawar Swathi	Dr. Ramesh Babu
22	A study of cardiac abnormalities in patients with chronic liver disease and in relation to severity of the disease based on child-pugh scoring.	Dr. Omkaram Siddhardha Varma	Dr. G. Rama Chandra Reddy
23	A study on prevalence of chronic renal failure in patients with chronic obstructive pulmonary disease.	Dr. Gangapatnam Suguna Sophia	Dr. Bhimasen Soren
24	Study on the prevalence of increased left ventricular muscle mass & proteinuria in newly diagnosed primary hypertensive patients.	Dr. Shaik Zubair Ahamed	Dr. B. Giriprasad

Department of Ophthalmology

25	A prospective study of factors affecting progression of diabetic retinopathy after cataract surgery in type II diabetic patients.	Dr. N. Likhitha Reddy	Dr. R. Sudha
26	A prospective study on the clinical profile and specific management options of peripheral ulcerative keratopathies.	Dr. Pellakuru Yasaswi	
27	Screening of diabetic patient attending outpatient for primary open angle glaucoma.	Dr. Yerasi Kranthi	
28	A cross sectional study to evaluate association between hypertensive retinopathy and chronic kidney disease.	Dr. CH. Amani	Dr. G. Chandrasekhar
29	A comparative study to analyse significance of pressure to cornea index in ocular hypertensive patients, normal tension glaucoma, primary open glaucoma and patients without glaucoma.	Dr. Vuppularu Gowtami	

Department of Orthopaedics

30	A prospective comparative study of surgical outcome of ankle arthrodesis with plating versus nailing by trans-fibular approach in tertiary health care hospital.	Dr. Kuruva Suresh	Dr. B. L. S. Kumar Babu
31	Comparative study of functional and radiological outcomes of frykman type 4 distal radius fractures by open reduction internal fixation with plate osteosynthesis and below elbow casting by closed manipulation – a prospective study.	Dr. D. Guna Sekhar	Dr. G. Anvesh
32	A comparative study of unstable inter trochantric fractures in elderly treated with bipolar hemiarthroplasty versus dynamic hip screw in a tertiary health care centre.	Dr. Gadwal Azharuddin	Dr. G. Anvesh
33	A prospective study on surgical outcome of rotator cuff tears treated with open cuff repair in tertiary health care hospital.	Dr. Lakkam Bhargavi	Dr. B. L. S. Kumar Babu
34	A prospective study on surgical outcome of rotator cuff tears treated with open cuff repair in tertiary health care hospital.	Dr. Lakkam Bhargavi	Dr. B. L. S. Kumar Babu

Obstetrics and Gynecology

35	Study of effects of epidural analgesia on course of labour and feto maternal outcomes in comparison with the patient receiving no analgesia.	Dr. Harika Chandaka	Dr.CH. Kavitha Kiran
36	A prospective study on influence of partogram in active management of labour in primi gravida with high risk pregnancy and correlation to maternal and perinatal outcome.	Dr A. Yamuna	Dr. Ch. Ramamani
37	Doppler study in 1 st and 2 nd trimester on uterine and umbilical arteries to predict hypertensive disorders of pregnancy and intra uterine growth restriction.	Dr. CH. Srikarani Reddy	Dr. B. Sailaja
38	Comparison of labour progression between induced and non-induced multigravida women.	Dr. Gali Mounikka	Dr. B. Prasanna
39	Pre-induction transvaginal sonographic measurement of cervical length versus modified bishop score in prediction of successful induction of labour for pregnant women.	Dr. Kandregula Pavani	Dr. S. Lavanya

Department of Respiratory Medicine

40	To determine the prevalence of cardiovascular abnormalities in chronic obstructive lung disease.	Dr. Mounica	Dr. K. Kalyani
41	To study the role of induced sputum eosinophil and absolute eosinophil count in assessing the clinical severity of bronchial asthma.	Dr. D. Praveena Lakshmi	Dr. K. Prasanna Purna
42	Study of complications during acute phase and longterm sequelae in Covid - 19 positive patients.	Dr. A. Karthik Kumar	Dr. K. V. Subba Naidu
43	Role of Doppler ultrasonography in the prediction of perinatal outcome in intra uterine growth retardation.	Dr. Durgaprasad	Dr. K. S. Vedaraju

Department of Radiodiagnosis

44	Evaluation of the spectrum of non-traumatic acute abdominal pain using multi-detector computed tomography and understanding its importance.	Dr. Gulipalli Srujan	Dr. T. Prashanth
45	An analysis of high resolution computed tomography chest imaging features of Covid-19 pneumonia in immune compromised patients.	Dr. Salavakam Aishitha	Dr. M. G. Ravi
46	The utility of 128 slice multidetector computed tomography of brain in patients with primary and secondary headaches.	Dr. Bharath Reddy	Dr. M. G. Ravi
47	Role of multi-detector computed tomography in the evaluation and detection of focal hepatic mass lesion.	Dr. Chamarthi Pranitha	Dr. Pentyala Suneetha

Department of Anaesthesiology

48	Comparison of postoperative analgesic efficacy of bupivacaine 0.25% and ropivacaine 0.25% using ultrasound.	Dr. N .Rupa Reddy	Dr. Anil Kumar
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49	Ivabradine versus Propranolol given orally in attenuating stress response.	Dr. Arji Saikumar	Dr. Harish Babu Ravulapalli
50	To compare the efficacy of ultrasound guided paravertebral block with 0.375% ropivacaine and 0.375% ropivacaine plus 1mcg/kg dexmedetomidine for relief of post-operative pain in patients undergoing percutaneous nephrolithotomy.	Dr. M. Ayesha Khanam	Dr. G. Chaitanya kumar
Department of Ear Nose and Throat			
51	Study on IgE and absolute eosinophil count as markers to determine the duration of therapy in allergic rhinitis.	Dr. Degala Poojitha	Dr. V. Krishna Chaitanya
52	A clinical study of functional aspects of body balance before and after particle reposition manouvre in peripheral vertigo with tug test in geriatric population.	Dr. Yarratapalli Himaja	Dr. V. Krishna Chaitanya
Department of Dermatology, Venerology & Leprology			
53	A comparative study of efficacy of resurfacing with fractional co2 laser therapy versus dermaroller therapy for facial ice pick acne scars.	Dr. Medam Hemalatha	Dr. M. Swarna kumar
54	Clinico-epidemiological study of pigmentary disorders in paediatric age group.	Dr. Guguloth Vidya	Dr. A. Vijaya Mohan Rao
Department of Community Medicine			
55	Teenage pregnancies and their outcomes: a community based prospective study.	Dr. Madhuri Krishna	Dr. C. Jyothi
Department of Emergency Medicine			
56	A prospective observational cohort study to assess the validation of modified early warning of Glasgow Blatchford and pre endoscopic Rockall scores.	Dr. Praveen Kumar Goud	Dr. A. Bhaskar