

MVJ Medical College & Research Hospital

Current Research Projects

STAFF PROJECTS

Sl.no	Topic	Principal investigator	Co-Investigator	Department
1	“MRI brain findings in Neonatal Encephalopathy”	Dr. K. Sandhya Hemraj	Dr. Sanjeev Pahwa	Radiodiagnosis
2	“ Awareness of informed consent among emerging doctors”	Dr. Hari Prasad V	Dr. Vijaya N.M Dr. Anjanamma T.C Dr. Praveen Athani	Forensic Medicine
3	“ Prediction of stature from foot length measurement”	Dr. Vijaya N.M	Dr. Hari Prasad V Dr. Anjanamma T.C Dr. Praveen Athani	Forensic Medicine
4	“Effectiveness of Structured Diabetes Self-Management Education Program among Type 2 Diabetes patients in Rural Bangalore: A Randomized Controlled Trial”.	Dr. Madhusudan M	Dr. Raghavendra N Dr. Sunil Kumar G Patil Dr. Shashidhar G	Community Medicine Psychiatry Medicine
5	“ Causes of absenteeism of final MBBS students during of surgical clinical postings	Dr. Gulamnabi		Surgery
6	Hematological Profile of Bicytopenia/Pancytopenia in Pediatric Patients	Dr Shilpa G	Dr Pooja Rani Dr Raja Parthiban S.R	Pathology
7	“ Awareness regarding needle stick injuries (NSIS) among nursing students”	Ms. Poornima. K (Tutor)	Dr. N.K Rama	Microbiology
8	“ Fosfomycin and Nitrofurantoin Sensitivity pattern for Uropathogens E.coli and K. pneumonia in a tertiary care hospital”	Dr. Radhika	Dr. N.K Rama	Microbiology

UNDERGRADUATE STUDENT PROJECTS

Sl.no	Topic	Principal investigator	Co-Investigator	Department
1	“A study to Measure Cognitive Function in Anaemic Women of Reproductive age Group”	Mohamed Abdul Nabil S (2 nd year MBBS Student)	Dr. Pramodh V	Physiology
2	“A body shape index and body roundness index as two new body indices to recognize Type 2 Diabetes Mellitus (T2DM) among rural populations in Bangalore”.	A Hemavathi (2 nd year MBBS Student)	Dr. Bhanu R	Physiology
3	“ Effects of platelet-rich plasma therapy in the treatment of lateral epicondylitis of the elbow: A prospective interventional study on Rural Bangalore”	Dharini Kishor (4 th year MBBS Student)	Dr. Sujai S Dr. Raghavendra B.N	Orthopaedics Dermatology
4	“ A study of Unintentional Injuries in Children diagnosed with Attention Deficit Hyperactivity Disorder (ADHD) – A Prospective Study”	Ananya Girish (4 th year MBBS Student)	Dr. Sunil Kumar G Patil Dr. Suvarna Madhukumar	Psychiatry Community Medicine

5	“ Retrospective Study of Ectopic Tubal Pregnancy – Finding the Missing Link”	S. Shravan Kashyap (3 rd year MBBS Student)	Dr. Raja Parthiban S.R	Pathology
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POSTGRADUATE STUDENT PROJECTS (Batch 2019-20)

Sl. No	Name	Department	Guide	Topic
1	Dr. Tamanna Bhatia	Pathology	Dr. Raja Parthiban S. R	A clinicopathological study of neoplastic lesions of the Urinary bladder
2	Dr. Uzma Khan	Pathology	Dr. Shilpa G	Histopathological study of Lichenoid dermatoses
3	Dr. Neha Singh	General Surgery	Dr. P. Sudarshan	“Clinicopathological study of thyroid swelling in rural setting in MVJMC & RH”
4	Dr. Akhila K	General Surgery	Dr. Ravikumar. V	“Helicobacter Pylori infection in patients with peptic ulcer perforation presenting to MVJMC & RH”
5	Dr. Iram T Pasha	General Surgery	Dr. Ravikumar. V	“Comparative study of mayo repair and mesh repair for Paraumbilical and Umbilical hernia”
6	Dr. Panchami P	General Surgery	Dr. Arunabha Sinha	“Study of DEPA scoring in diabetic foot ulcers and its correlation with clinical outcome”
7	Dr. Syed Saad	General Surgery	Dr. Gulamnabi	“A study in the effect of split skin grafting in wound healing of diabetic foot ulcer”
8	Dr. K. Mrinalini	General Surgery	Dr. P. Sudarshan	“Prospective study of clinical profile and surgical management in case of Fissure in Ano”
9	Dr. Dilip Kumar Pillay T	Orthopedics	Dr. Sujai. S	Management of open tibial fractures with AO external fixator as a primary and definitive treatment modality – a prospective study
10	Dr. Atithi Vijay K V	Orthopedics	Dr. Ravikumar. K	Functional outcome of complete ACL tear managed with arthroscopic ACL reconstruction using hamstring graft: a prospective study.
11	Dr. Vinodgouda Rangangouda Patil	Orthopedics	Dr. Ravikumar. K	Evaluation of functional outcome of unstable trochantric fractures treated with proximal femoral nail- a prospective study.
12	Dr. Prajwal Shankar Sadalagi	Orthopedics	Dr. Sujai. S	Management of comminuted intra-articular fractures of distal radius by external fixator using principle of ligamentotaxis.
13	Dr. Nayana V Gowda	Ophthalmology	Dr. Sujatha V	“Analytical study of traumatic Optic Neuropathy patients in a rural hospital”

14	Dr. P Sharon Rebecca	Ophthalmology	Dr. Vijay Kumar Srivastava	“A comparative study of astigmatism measured by automated refractometer and streak retinoscopy and the acceptance of the measured values based on personalized correction”
15	Dr. Dharshana T	Ophthalmology	Dr. Vijay Kumar Srivastava	“A study of visual outcome in different method of nucleus extraction in manual small incision cataract surgery”.
16	Dr. Noor Ayesha	Ophthalmology	Dr. Sujatha V	“Association of Dry eye in smokers”
17	Dr. Albin Baby	ENT	Dr. B V Chandre Gowda	“Comparison of Myringoplasty results in split Tympanomeatal flap and intact Tympanomeatal flap”
18	Dr. Nivedita Narayankar	ENT	Dr. Nagaraj B.T	“A prospective study to know the effect of topical Levobupivacaine in post – tonsillectomy pain”.
19	Dr. Srigouri Sitharam	OBG	Dr. Deepika N	Study of maternal risk factors and the perinatal outcome in meconium stained amniotic fluid
20	Dr. Suvetha D	OBG	Dr. Rajiv Kumar Saxena	Efficacy of oral iron and parenteral iron in the treatment of iron deficiency anemia during post-partum period
21	Dr. Beryl Jebapriti A	OBG	Dr. Dharmavijaya M.N	Maternal and fetal outcome in primary caesarean section and secondary caesarean section – A prospective observational study
22	Dr. Hemanthi Reddy H R	OBG	Dr. Payel Ray	“Estimation of serum uric levels in 1 st trimester and early 2 nd trimester (<20wks) As a predictor of Pre-eclampsia and perinatal outcome”
23	Dr. Priyanka.M.S	OBG	Dr. Rajiv Kumar Saxena	“Surgical transversus abdominis plane block technique for postoperative analgesia following laparotomy with pfannenstiel incision”
24	Dr. Akshara Alex	OBG	Dr. Dharmavijaya M.N	“Study of perinatal outcome in Oligohydramnios pregnancy”
25	Dr. P Shirley Paulina	Anaesthesia	Dr. Nirmala B C	An observational study on the relationship of patients body mass index and depth of spinal needle insertion
26	Dr. Aditinandan Venugopal	Anaesthesia	Dr. Somasekharam P	Attenuation of cardiovascular responses during laryngoscopy and intubation by intravenous Magnesium sulphate 40mg/kg prior to laryngoscopy
27	Dr. Santhosh R	Anaesthesia	Dr. Nirmala B C	Impact of music therapy on patient’s satisfaction, anxiety and haemodynamics during spinal anaesthesia in elective surgeries

28	Dr. Durga Sanmathy M	Anaesthesia	Dr. Somasekharam P	A comparative study of 10mcg Dexmedetomidine added to 0.5% bupivacaine (heavy) with that of 25mcg fentanyl added to 0.5% bupivacaine (heavy)in Spinal Anaesthesia
29	Dr. Naveen Kumar K	Anaesthesia	Dr. Prasad Kulkarni	Prospective clinical study of ultrasound guided supraclavicular, inter Scelene and axillary approach to brachial plexus block for upper limb surgery
30	Dr. Jaimini Dey	Anaesthesia	Dr. Prasad Kulkarni	Variability of perfusion index as a new parameter in different types of anaesthesia techniques: an observational study
31	Dr. Vishnu Gopal	Anaesthesia	Dr. Uthkala B Hegde	Comparative study of analgesic efficacy of tramadol suppository efficacy of tramadol suppository versus Diclofenac suppository in suppressing postoperative pain for hernia and hydrocele patients following spinal anesthesia
32	Dr. Taseena Banu R	General Medicine	Dr. Vasantha Kamath	Study of Pulmonary function tests in primary hypothyroid patients in a tertiary rural health care center
33	Dr. Chandrashekar T V	General Medicine	Dr. M J Jacob	Study on clinical profile and Left ventricular hypertrophy in Primary Hypertensive patients
34	Dr. Vinay R B	General Medicine	Dr. Giriraja K V	A clinical study of Chronic Liver disease patients with special reference to oral glucose tolerance test
35	Dr. Satish Reddy	General Medicine	Dr. Shashidhar G	Study of Serum Cystatin c as a marker for early diagnosis of renal dysfunction in elderly with Diabetes Mellitus
36	Dr. Shruthi Arunan	General Medicine	-	-
37	Dr. Nandish Kumar R	General Medicine	Dr. Giriraja K.V	A study of risk factors, clinical features, electrocardiographic changes in chronic kidney disease patients a-cross sectional study
38	Dr. Nivea B	General Medicine	Dr. M S Krishnamurthy	Study of clinical spectrum of metabolic syndrome in elderly population.
39	Dr. Nisha Davy Olakkengil	General Medicine	Dr. Vasantha Kamath	Study of pulmonary function tests in female patients with metabolic syndrome in a tertiary rural health care center a-cross sectional study
40	Dr. Josna Ganesh Teli	General Medicine	Dr.(Col) P. G.Kumar	Study of serum electrolytes in dengue fever a-cross sectional study
41	Dr. Snehal S Muddennavar	Dermatology	Dr (AVM) A.K.Patra	Association of metabolic syndrome in female pattern hair loss in premenopausal women
42	Dr. Roshan Manoharan	Dermatology	Dr (AVM) A.K.Patra	Dermoscopy of chronic scaly dermatoses of the sole
43	Dr. Adithyan P	Dermatology	Dr. Raghavendra B N	Association of male androgenetic alopecia with metabolic syndrome
44	Dr. M Anand	Psychiatry	Dr. Veda. N. Shetageri	“Prevalence of psychotic disorders among adult population in a defined rural area- a cross sectional study”.
45	Dr. Ume Hani	Psychiatry	Dr. Kasthuri Pandiyan	“A study of psychiatric morbidity among transgender population in rural Bangalore”.

46	Dr. Boddupalli Hari Manasa	Psychiatry	Dr. Veda. N. Shetageri	“Medical comorbidity among patients diagnosed with schizophrenia spectrum disorders. A hospital based cross sectional study”.
47	Dr. Vijayalaxmi Purad	Psychiatry	Dr. Kasthuri Pandiyan	“A study of Psychiatric morbidity among residents in an old age home”.
48	Dr. Ashwini Mekanamaradi	Paediatrics	Dr.B Ravichander	Comparison of APGAR score vs Neonatal Resuscitation & Adaptive Score (NRAS) in predicting mortality and morbidity in nicu
49	Dr. Nikhita Manjunath Pujari	Paediatrics	Dr.B Ravichander	Evaluation of upper segment and lower segment ratio from 1st to 18 years in rural areas of Bangalore
50	Dr. Savitri G Hugar	Paediatrics	Dr. Premalatha R	Randomized control trial to compare kangaroo mother care (KMC) with oral sucrose for pain management in premature neonates on heel prick
51	Dr. Keerti Kilas Chaurasia	Paediatrics	Dr. Premalatha R	Impact of infant and young child feeding practices on health status of children under 2 years
52	Dr. Ashish Vidyadhar Jannu	Paediatrics	Dr.B Ravichander	Clinical profile of Polycythemia and short term outcome of treatment
53	Dr. Kotavenuka Spandana	Paediatrics	Dr. Srinivasa K	Cord blood nucleated RBC as a predictor of birth asphyxia, severity and outcome
54	Dr. Jeffrey Aaron	Paediatrics	Dr. Srinivasa K	To study the frequency of essential hypertension and the associated risk factors in school children ages 6-16 years in Bangalore urban limits
55	Dr. Supreeth M R	Paediatrics	Dr. B. Ravichander	Study of epidemiology and clinical patterns of acute poisoning among children admitted in tertiary care hospital of rural Bangalore
56	Dr. Rishee Manoharan	Paediatrics	Dr. Premalatha R	Factors affecting nutritional status and morbidity pattern among school going children in rural area of Bangalore District
57	Dr. Niveditha M	Paediatrics	Dr. Srinivasa K	Study of early Continuous Positive Airway Pressure (CPAP) in preterm neonates less than 34 weeks and its clinical outcome
58	Dr. Lilly Boney Veliath	Radio Diagnosis	Dr. N. Kudva	“MRI evaluation of seizures in pediatric population in a rural hospital setup”
59	Dr. Sachin D.K	Radio Diagnosis	Dr. Sanjeev Pahwa	“A prospective CT study of maxillofacial fractures in a rural teaching hospital”.
60	Dr. Vidyashree Kotian	Radio Diagnosis	Dr. N. Kudva	“Computed tomography patterns in adults with post primary Pulmonary Tuberculosis”
61	Dr.Geetha.R.G	Radio Diagnosis	Dr. Sanjeev Pahwa	“Ultrasonography and Clinico Biochemical correlation in patients with Polycystic Ovarian Syndrome”

POSTGRADUATE STUDENT PROJECTS(Batch 2018-19)

SI. No	Name	Course	Guide Name	Topic
1.	Dr. Chaitra B K	MD Anaesthesiology	Dr Uthkala	A comparative study of Ondansetron with Dexamethasone and Granisetron with Dexamethasone and Granisetron with Dexamethasone for postoperative nausea and vomiting in laparotomy patients
2.	Dr. Shiva Lakshmi G	MD Anaesthesiology	Dr Prasad Kulkarni	A prospective observational study on predicting the risk of obstructive sleep apnea and difficult intubation in patients posted for surgery
3.	Dr. Shalini S R	MD Anaesthesiology	Dr Nirmala B C	A clinical assessment of metoclopramide, lignocaine and as pretreatment for alleviating pain on Propofol injection
4.	Dr. Kavyashree M	MD Anaesthesiology	Dr Somasekharam P.	A comparative study of isobaric Levobupivacaine with fentanyl and hyperbaric Bupivacaine with fentanyl in spinal anesthesia for lower abdominal and lower limb surgeries
5	Dr. Swetha Sridhar	MD Dermatology	Dr A K Patra	Clinico-dermoscopic correlation in stable and progressive Vitiligo
6	Dr. Vennela Reddy S	MD Dermatology	Dr Raghavendra B .N.	Dermoscopic evaluation of therapeutic response to intralesional steroids in Alopecia areata
7	Dr. Ashwini K C	MD Dermatology	Dr A K Patra	Comparison of diagnostic efficacy of Ziehl Neelson staining with auramine rhodamine staining in Paucibacillary Leprosy
8	Dr. Nagaraj S K	MD General Medicine	Dr M. S. Krishnamurthy	Study of thyroid dysfunction in patients with type 2 Diabetes Mellitus
9	Dr. Sadath Hussain	MD General Medicine	Dr Ajoy Krishnamurthy	Study of clinical biochemical and complications in type 2 Diabetics according to their body weight
10	Dr. Vinod Kumar	MD General Medicine	Dr M. S. Krishnamurthy	A study of clinical and biochemical profile of women with metabolic syndrome
11	Dr. Umar Shareef M M A	MD General Medicine	Dr M.J. Jacob	A study on neutrophil to lymphocyte ratio as a marker of exacerbation and disease severity in Chronic Obstructive Pulmonary Disease
12	Dr. Shashanka K S	MD General Medicine	Dr Shashidhar G	Study on Cystatin C level in prediabetic patients and its association with BMI
13	Palleti Siva Karthik Reddy	MD General Medicine	Dr Vasantha Kamath	Study of clinical and biochemical profile, course, complications and outcome in female patients of Alcoholic Liver Disease
14	Dr. Kushal Markanday	MD General Medicine	Dr Ajoy Krishnamurthy	A study of gender differences in type 2 Diabetic Mellitus
15	Dr. Viknesh	MD General Medicine	Dr Vasantha Kamath	A study on clinical profile of Chronic Obstructive Pulmonary Disease in non smokers, risk factors, symptoms, clinical signs and its correlation with 2D Echo
16	Dr. Kolla Viswateja	MD General Medicine	Dr M.J. Jacob	Study of Serum Uric acid level in Essential Hypertension
17	Dr. Varada Vidya Rani	MD Paediatrics	Dr B Ravichander	A study on platelet parameters in sick children

18	Dr. Sai Chaitra P Iyengar	MD Paediatrics	Dr B Ravichander	Effect of antenatal steroids on morbidity in late preterm neonates
19	Dr. Latha L	MD Paediatrics	Dr Prema Latha	Nasal intermittent positive pressure ventilation (NIPPV) versus nasal continuous positive airway pressure (NCPAP) for term neonates with meconium aspiration syndrome
20	Dr. Ravindra Varma C	MD Paediatrics	Dr Srinivasa K.	Study the efficacy of Dexamethasone versus Hydrocortisone in management of exacerbation of pediatric asthma
21	Dr. Bhanupriya	MD Paediatrics	Dr Prema Latha	Normative data for IVC diameter, collapsibility Index and its correlation with the somatic parameters in children 1-10 year
22	Dr. Varun Ganjigunta	MD Paediatrics	Dr Varsha Suresh Ahirrao	Study of anemia in infants of 3-6 months age group and its risk factors: a cross sectional study
23	Dr. Chaitra B E	MD Pathology	Dr Raja Parthiban	Evaluation of hematological parameters in neonatal sepsis and glycogen content of endometrial glands in infertile women
24	Dr. Roniya Francis	MD Pathology	Dr Roopa A.N	Use of platelet indices in differentiating between hyperdestructive and hypoproductive thrombocytopenia
25	Dr. Karthik L R	MD Pathology	Dr Raja Parthiban	Histopathological study of endometrial morphology
26	Dr. Abhishek Agrawal	MD Pathology	Dr Roopa A.N.	Analysis of P53 and BCL-2 protein expression in the keratinocytic hyperproliferative lesions
27	Dr. Sanjeevini Rathod	MD Psychiatry	Dr G. Gopalkrishnan	Dermatological manifestations in Psychiatric disorders
28	Dr. Rohith Ranjan	MD Psychiatry	Dr Kasthuri Pandiyan	Study of neuropsychological deficits and related functional impairment in Bipolar disorder patients in remission.
29	Dr. Joash Jayaraj	MD Psychiatry	Dr G. Gopalkrishnan	A study of the differences in the temperamental traits between males and females with Alcohol Dependence Syndrome
30	Dr. Prashanth V	MD Radio-diagnosis	Dr Narendranath Kudva	Sonographic evaluation of umbilical cord diameter and cross sectional area and its correlation with fetal weight and gestational age
31	Dr. Amulya Reddy	MD Radio-diagnosis	Dr Kumar Venkatesh	Ultrasound elastography in evaluation of cervical lymph nodes with fnac (fine needle aspiration cytology) or clinical correlation
32	Dr. Vijamuri Anuradha	MD Radio-diagnosis	Dr Kumar Venkatesh	Trans-cranial ultrasonography in high risk neonates – a descriptive study
33	Dr. Pinky Yadav	MD Radio-diagnosis	Dr Indira N.	Role of multi-detector CT (MDCT) in evaluation of bowel wall thickening
34	Dr. Madhuri G	MS ENT	Dr B. V. Chandre Gowda	A comparative study to assess effectiveness of Ginkgo biloba and Caroverine in te management of Tinnitus

35	Dr. Rakshita Ramesh Kamath	MS ENT	Dr Naagaraj B.T	A comparative study to assess effectiveness of Hemocoagulase and Tranexamic acid in reducing intraoperative blood loss in tonsileactomy
36	Dr. Abdulrashid Nagarchi	MS General Surgery	Dr P Sudarshan	Factors predicting difficulty in laparoscopic cholecystectomy
37	Dr. Poornima Parasuraman	MS General Surgery	Dr S. N. Shirbur	Role of modified APACHA –II scoring in assessing patients with perforated peritonitis in rural hospital
38	Dr. Sumith Pal	MS General Surgery	Dr B. A. Satyanarayana	Efficacy of the Mannhien peritonitis index in predicting the morbidity and mortality in generalized peritonitis
39	Dr. Sudarshan V	MS General Surgery	Dr. Arunabha Sinha	A study of surgical management of intestinal obstruction
40	Dr. Sumalatha N	MS General Surgery	Dr Ravi Kumar V.	A study of prevalence of E coli in appendix of emergency appendicectomy cases in a rural medical college , Hoskote
41	Dr. Mohammed Rashid	MS General Surgery	Dr P. Sudarshan	A study on clinical presentation and evaluation of solitary thyroid nodule
42	Sagar S (Batch 2016)	MS Surgery	Dr S.N. Shirbur	To evaluate the diagnostic value of “the LRINEC (laboratory risk indicator for necrotizing fasciitis) score”
43	Dr. Vidushi Tewari	MS OBG	Dr Dharmavijaya M.N.	Estimation of fetal weight: ultrasonography versus clinical
44	Dr. Penumuchu Sravani	MS OBG	Dr Rajiv Kumar Saxena	Surgical transversus abdominis plane block technique for postoperative analgesia following cesarean section
45	Dr. Kajal Kiran	MS OBG	Dr Payal Ray	Study intra-operative difficulties in repeat cesarean sections in rural Bengaluru
46	Dr. M K Prashul Rayi	MS Ophthalmology	Dr Vijay Kumar Srivastava	Comparative study of 208 mm Sclerocorneal tunnel incision versus 2.8 mm clear corneal incision in phacoemulsification
47	Dr. Gowthami Y N	MS Ophthalmology	Dr Sujatha V.	A comparative study of post-operative astigmatism with straight and frown scleral incision in small incision cataract surgery
48	Dr. Vishal Kumar	MS Orthopaedics	Dr. Sujai S.	Functional outcome of surgical management of metaphyscal and diaphyseal fractures of the tibia with an expert tibial nail (ETN) : a prospective study
49	Dr. Mohammed Tanzeem	MS Orthopaedics	Dr Ravikumar K.	Evaluation of the results of modular bipolar prosthesis in the management of fracture neck of Femur
50	Dr. Abhinav Basu	MS Orthopaedics	Dr. M.K. Siddalinga Swamy	Surgical management of displaced middle third clavicle fractures by pre contoured locking plates – a prospective study