

FACULTY OF MEDICINES

APPROVED DISSERTATION TOPICS 2011-12

I. M.D.GENERAL MEDICINE

SL NO	TOPIC
1	Efficacy of Mesalamine in Ulcerative Colitis: An open label trial comparing two formulations
2	Cardiovascular manifestations of Leptospirosis
3	Prevalence of Non-Alcoholic Steatohepatitis (Nash) in patients with Type 2 Diabetes Mellitus
4	Anaemia in SLE : Etiology and clinical outcome
5	A study to find out the effectiveness of Pleural Fluid C-reactive protein in differentiating the Aetiology of exudative and Malignant Pleural effusions
6	Clinical profile of premenopausal female patients with coronary artery disease
7	Descriptive study of cardiovascular profile in patients with Hypothyroidism attending Medical College, Alappuzha
8	A study on clinical profile of pyelonephritis in patients with diabetes mellitus
9	Mean platelet volume and Acute coronary syndrome
10	Clinical spectrum of diffuse parenchymal lung disease
11	Lipid profile in Type 2 Diabetes mellitus with Acute coronary syndrome
12	Electrocardiographic changes in chronic obstructive pulmonary disease
13	Prevalence of Hypothyroidism in Type 2 diabetes
14	Effect of Microcytic Anaemia on hba1c values in non-diabetic individuals
15	Role of C-Reactive protein estimation in Ischemic stroke
16	A study of Etiological factors and clinical presentations of adult onset seizures
17	Diagnostic role of CSF C-Reactive protein in meningitis
18	Pleural fluid bilirubin- A marker of the Type of pleural effusion : An observational study
19	Clinical profile of Nosocomial bacterial infections in Medical Intensive Care Unit
20	Bacteriological profile and antibiotic sensitivity in COPD acute exacerbation
21	Comparative study on the effect of budesonide + formoterol versus B2 agonist in the control of acute asthma in children of age group 4-11 years
22	A study on the outcome of Patients presenting with Biliary Pancreatitis

23	Complications during the first week of ST Segment Elevation Myocardial Infarction
24	Study on estimation of visceral fat and its Metabolic and clinical correlates in Metabolic syndrome
25	Cognitive decline in Diabetic patients over 60 years of Age
26	Vitamin D status in Hypertension
27	Clinical profile, Haematological abnormalities, complications and Drug resistance in Malaria
28	The prevalence and risk factors of clinical and subclinical Neuropathy in people with impaired Glucose tolerance
29	Microalbuminuria and Stroke - Occurrence of Microalbuminuria as an independent risk factor and its relation with patient profile
30	Electrocardiographic indicators of outcome of first ST_Elevation Myocardial Infarction
31	A study on the clinical profile of autoimmune Thyroiditis in a Tertiary Care Centre in South India
32	Etiological study of Fever with Thrombocytopenia
33	Electrocardiographic abnormalities in patients with subarachnoid Haemorrhage - An observational study
34	Clinical and morbidity profile of Haemophilias in a Tertiary Care Centre in Northern Kerala
35	Acute Myeloid Leukemia - Clinical profile, treatment related complications and aetiological factors
36	Etiology and clinical profile of new onset seizure in adults
37	Acute respiratory distress Syndrome (ARDS) - Clinical bacteriological study
38	Microvascular complications in Prediabetes
39	Clinical and Biochemical profile of Diabetic Patients with and without Non-Alcoholic fatty Liver Disease (NAFLD)
40	Clinical profile of Cleistanthus Collinus (ODUKU) Poisoning
41	Incidence of stress hyperglycemia in critical illness and its prognostic implications
42	A study of subclinical hepatic encephalopathy in Patients with Cirrhosis of Liver
43	Patterns of presentation and Disease activity assessment of systemic Lupus Erythematosus (SLE) Patients in a care centre of Central Kerala
44	Clinical profile of Acute Pyelonephritis
45	Sensory Dysfunction in Stroke
46	Assessment of pulse wave velocity in obesity measured using periscope
47	Assessment of ventilatory function in type 2 diabetes mellitus : A cross sectional study
48	A follow up study on the metabolic and body composition changes in HIV patients on HAART.

49	A study of bode index as a predictor of severity and systemic involvement in patients with chronic obstructive pulmonary disease
50	A study of the spectrum of opportunistic infections in HIV positive patients attending the ART clinic of a tertiary care hospital in south India, prior to and after initiating HAART; and their correlation with cd4 count
51	A study on clinical profile of acute kidney injury in tropical acute febrile illness and AKIN criteria as a prognostic indicator in a tertiary care centre
52	Study of factors relating to severity and outcome in patients with anticholinesterase pesticide poisoning
53	Thrombolytic failure with streptokinase in acute myocardial infarction using electrocardiographic criteria
54	Restless legs syndrome in adult patients with iron deficiency anaemia
55	A study of prevalence of cognitive impairment in patients with hypothyroidism and its relation to levothyroxine replacement therapy
56	Smoking as a risk factor for peripheral neuropathy in type 2 diabetes mellitus patients
57	To study the association between active smoking and central obesity- Case control study
58	The prevalence of hypoadrenalism its clinical and biochemical profile in HIV infected patients attending a tertiary care hospital
59	Risk factors for normal pressure hydrocephalus patients risk in a tertiary care hospital and the role of cerebral small vessel diseases
60	Adenosine Deaminase activity in Etiological diagnosis of Pleural effusion
61	Hyponatremia in critically ill patients
62	Study of Hypothyroidism in type 2 diabetes Mellitus
63	A study on association of vascular complications of type 2 diabetes Mellitus with Serum Magnesium levels
64	Prevalence, clinical profile and Leg findings of CT Negative late onset seizures in elderly
65	A study of clinical profile and etiology of non-variceal upper gastro intestinal bleed and comparison of rockalls scoring system with glasgow-blatchford scoring in predicying the outcome.
66	Comparative evaluation of fentanyl vs butorphanol during induction with propofol on lma insertion conditions.
67	Association of bioelectrical impedance measured body fat percent with myocardial infarction

II. MS - GENERAL SURGERY

SL NO	TOPIC
1	Effect of Mechanical closure of dead space on seroma formation following modified radical mastectomy
2	The functional outcome of displaced supracondylar fracture humerus in children treated by open reduction and internal fixation with lateral pins

	compared to medial and lateral pins
3	A prospective study of incidence of incisional SSI prevention in contaminated abdominal surgeries by Physical barrier method
4	Prospective randomised study of Sutureless thyroidectomy v/s conventional thyroidectomy

5	A clinico pathological study of Necrotising softtissue infections in extremities
6	Predictors of Malignancy in patients with Thyroid Nodule that contains Hurthle Cells
7	Analysis of intra-abdominal pressure and outcome in patients undergoing emergency laparotomy
8	The harmless acute pancreatitis score- A Convenient new means of assessing prognosis on admission
9	Analysis of Predisposing Factors and Microbiological profile in patients with Necrotising Fascitis in TDMCH Alappuzha
10	Comparative evaluation of clinical and pathological findings of Breast Lump and Axillary Nodes in early Breast Carcinoma
11	Study of Infection pattern in Burns and analysis of Post Burn Sepsis
12	Comparative study of different surgical techniques in Varicocele Patients : Open Inguinal approach with and without Magnification
13	Risk of Facial Nerve Palsy following parotidectomy and outcome of facial Nerve Monitoring
14	Evaluation of Hyperbilirubinemia in Acute Inflammation of Appendix
15	Outcome of Lichtensteins tension free Mesh repair in elective and complicated Hernias
16	Comparative study of Gastrectomies with or without Nasogastric Decompression
17	A prospective study of the pattern of Blunt Trauma of the Chest
18	Study of the mode of presentation,site of lesion,staging,pathology (Histopathology and Immunohistochemistry) and management modalities of the cases of the Gastrointestinal stromal tumours that present in Calicut Medical College
19	Comparison of two different treatment approaches in T3 stage Breast Cancer Patients - A randomized clinical trial
20	A study on Fistula-In-Ano and it's aetiologiical aspects with it's Histopathological correlation
21	Pre-operative Hypoalbuminemia as a predictor for postoperative complications following colorectal Cancer Surgery
22	Comparison of Alvarado scoring with USG in Diagnosing Acute Appendicitis
23	A prospective study on the response of Acute pancreatitis with early Nasogastric feeding
24	Clinical profile of Peritonitis and its Assessment using multiple scoring systems
25	Multinodular Goitre a clinico - Pathological study in Medical College

	Thrissur
26	Incisional hernia- clinico-etiological correlation
27	Pattern of lymphatic spread in papillary carcinoma thyroid
28	Trivandrum scoring system on necrotising fasciitis, an indicator for early debridement
29	A clinicopathological profile study in those who are undergoing laparotomy for intestinal obstruction
30	Serum lipase amylase ratio as a predictor of sirs in acute pancreatitis
31	Significance of wagners scale in predicting the outcome of diabetic foot ulcers- A descriptive study
32	Risk factors of chronic pancreatitis : A retrospective study
33	Post thyroidectomy hypocalcemia -A prospective study
34	Clinical study of the risk factors of pancreatic carcinoma
35	Diagostic accuracy of fnac in parotid tumours
36	Study of clinicopathological condition acute appendicitis and the microbiological flora involved
37	Correlation between cea levels and different stages of colorectal carcinoma
38	A clinical study of chronic leg and foot ulcers
39	Benign tumors of breast and fts histopathological correlations
40	Adjusted ca 19-9 as a predictor of unresectability in carcinoma pancreas
41	Assessment of proportion of er/pr positivity in early and locally advanced breast cancer
42	Risk factors of thyroid malignancies -A clinical study
43	Diagnostic accuracy of modified Mantrels score (modified alvarado score) with reference to Histopathology in patients with Acute Appendicitis
44	Pre-operative Serum Thyroglobulin as a diagnostic aid in predicting well - differentiated Thyroid Cancer
45	Epidemiological study of Carcinoma Oesophagus
46	Role of Toluidine Blue in the detection of Oral premalignant and Malignant Lesions
47	Perihilar Bile Duct Tumors - A clinicopathologic study
48	Acute Pancreatitis - A study of measuring Urine Trypsinogen-2 as a screening test
49	Prospective study of mortality and morbidity pattern of Patients admitted to General Surgical Wards of Medical College Trivandrum with Burns
50	Risk factors for Amputation in Diabetic foot
51	A clinical study on the incidence of Fungal infections in Diabetic foot Ulcer and the effect of Anti Fungal Therapy, if any
52	Clinical evaluation and outcome of Patients with Blunt injuries of Chest - A descriptive study
53	Clinicopathological profile of colorectal Neoplasms
54	Role of estimation of serum calcium level as a predictor of hypocalcemia in post total thyroidectomy patients

III. MS – ORTHOPAEDICS

SL NO	TOPIC
1	The functional outcome of displaced supracondylar fracture humerus in children treated by open reduction and internal fixation with lateral pins compared to medial and lateral pins

2	Functional outcome of Jess Fixation and Bone Grafting in Disbal Tibial plafond- Pilon - Fracture - A prospective study
3	Functional outcome of jess fixation and bone grafting in disbal plafond pilon - fracture - A prospective study
4	Comparative study of functional outcome of 3 methods of internal fixation in a commuted Supracondylar fracture femur in post menopausal Women
5	Comparative study of functional outcome of internal fixation of comminuted fractures of Diaphysis of forearm with locking compression plate and dynamic compression plate
6	A comparative study of Anatomical and functional outcome of fracture Neck of Femur treated with cemented Bipolar and uncemented Austin Moores prosthesis in Geriatric Patients
7	Outcome following treatment of Idiopathic clubfoot with Ponseti technique
8	Clinical and Radiological outcome of varus derotation osteotomy in Herrings group B,C,B/C perthes disease
9	Functional outcome following ankle sparing,hybrid external fixation of pilon fractures - A prospective study
10	Functional and clinical outcome of unstable
11	A study to assess the outcome of 'MA and GRIFFITH' percutaneous technique in the repair of Tendoachilles Rupture
12	Clinical and radiological outcome of patients with legg-calve-perthes disease attending orthopaedic department of government medical college,thiruvananthapuram, Treated by shelf acetabuloplasty
13	Outcome of single event multi level surgery in untreated spastic cerebral palsy cases attending orthopedic dept of govt. medical college,trivandrum
14	Comparison of the functional outcome of patients after standard patellectomy and patellectomy with vastus mrdialis obliquus advancement surgery - A clinical study
15	Prospective study of the functional and clinical recovery following lumbar fenestration discectomy
16	Acute Kidney injury in at risk Newborns - A case control study

IV. Obstetrics & Gynaecology

SL NO	TOPIC
1	To study the effect of abnormal thyroid function on pregnancy outcome - maternal and paternal

2	Study on correlation of endometrial thickness using transvaginal sonography with endometrial pathology in patients with perimenopausal bleeding
3	A study on comparison of Efficacy, Safety, Morbidity and complication of conservative and Surgical Management of Ectopic Pregnancy in Alappuzha

4	Community based study of comparison between PAP Smear and visual Inspection of Cervix with Acetic Acid and Lugol's Iodine for detecting Malignant and PreMalignant lesions of Cervix
5	Comparison of one step GTT and 2 step GTT in screening and Diagnosis of Gestational Diabetes Mellitus
6	Maternal obesity in early pregnancy and risk of spontaneous and elective preterm deliveries : An observational study
7	To compare the Efficacy of Misoprostol 100mcg and vaginal Misoprostol 50mcg in induction of Labor
8	Maternal outcome in Teenage Pregnancies - A comparative study
9	Body mass and changes in Hormonal Mileau affecting fertility
10	Role of misoprostol in prevention of PPH in high risk patients going in Caesarean section
11	Repeat elective Caesarean section before 39 weeks Maternal and Perinatal outcome
12	Sickle cell Haemoglobinopathies: A study of maternal complications and perinatal outcome in a Tertiary Care Centre
13	Therapy for iron deficiency Anemia in pregnancy - Intravenous vs Oral Iron
14	A study to find Obstetrics risk factors for Neonatal Jaundice excluding ABO/RH
15	The role of Laparoscopy in evaluation and Management of Infertility Patients
16	Study about prevalence of metabolic syndrome in perimenopausal women with abnormal uterine bleeding
17	Study on the efficacy and complications of postpartum intra uterine contraceptive device-(immediate postplacental and early postpartum iud insertion
18	Clinical and hormonal profile of infertile women with epilepsy
19	Perinatal outcome of Pregnancies complicated by Threatened Abortion
20	HIV in Pregnancy - risk factors and outcome
21	Contraceptive practice and Ectopic Pregnancy

V. MD- DERMATOLOGY, VENERELOGY AND LEPROSY

SL NO	TOPIC
1	A study of quality of life in ACNE vulgaris patients using Dermatology life quality index
2	Clinical correlation between cutaneous manifestations and duration of Chronic Liver Disease

3	A study of autologous serum Skin Test (asst) in chronic Idiopathic Urticaria
4	A clinical-epidemiological study of lichen planus and its association with hepatitis c virus infection
5	A study of clinical and biochemical profile of juvenile acanthosis nigricans
6	A clinical study on the mucocutaneous manifestations of HIV infection
7	A clinical study of cutaneous manifestations of lupus erythematosus
8	Etiopathological study of Erythroderma
9	Clinicomycological study of candidal Vulvovaginitis with special reference to Non-Albicans Candida
10	Cyto-Histopathological evaluation of clinically Diagnosed Immunobullous Diseases
11	Clinical study of Lichen - Planus and its association with Hepatitis-B and Hepatitis-C
12	Skin involvement in systemic Sclerosis - A clinico histological study
13	Descriptive study on systematic manifestations of exfoliative dermatitis
14	Clinical and bacteriological study of primary pyodermas in children
15	Clinicomycological study of dermatophytosis
16	A clinical study of viral warts
17	A clinical and histopathological study of cutaneous amyloidosis
18	A clinical study of Psoriatic Arthritis

VI. MD – PAEDIATRICS

SL NO	TOPIC
1	Randomized control study comparing Clinical Efficacy of 3 day Parenteral IV Ceftriaxone followed by oral Cefixime for 7 days vs Single Dose IM Ceftriaxone followed by Oral Cefixime for 9 days in Pts with Febrile UTI between 3 month and 5 years
2	Efficacy of ProBiotics in Acute Diarrhoea in children of 6 months to 5 years - A randomized control study
3	Study on HbA1C profile in children with Asthma using Inhaled Corticosteroids
4	To compare the effectiveness of Nebulised Adrenaline and Single Dose Injection Dexamethasone, Nebulised Adrenaline and Nebulised Hypertonic Saline in moderate to severe Acute Bronchiolitis in Children of 2 months to 2 years : A randomized controlled study
5	Neonatal Sepsis in a tertiary care Hospital in Central Kerala
6	Clinical profile of paediatric Extrapulmonary Tuberculosis followed up at a tertiary health care Centre in Kerala
7	Spectrum of congenital anomalies in children with down syndrome
8	Prognostic significance of lipid profile in Nephrotic syndrome
9	Effect of high dose versus low dose methyl prednisolone on the outcome of local reaction and in reducing the reactions of anti Snake Venom in children with Snake Envenomation
10	A randomised control study comparing Zinc and probiotics as an adjunct to Oral Rehydration Therapy in the Management of Acute Diarrhea in Children

11	Vitamin D deficiency in Children with Asthma
12	Evaluation of the 2010 consensus Criteria for Diagnosing Tuberculous Meningitis

13	Complications in babies born through Meconium stained Amniotic Fluid
14	Clinical profile and Juvenile Arthritis Damage Index (JADI) in Children with Juvenile Idiopathic Arthritis
15	Prognostic clinical variables in childhood Tuberculous Meningitis
16	Clinical profile of febrile Neutropenia in Leukemia patients admitted to Paediatric wards during January 2011 - December 2011
17	Postmortem analysis of Anomalous and comparing it with the prenatal USG findings
18	Cognitive functions and Psychological problems in children of 6-15 years with Sickle Cell Anemia
19	Proportion of Cardiomyopathy in HIV infected children upto 15 years of age
20	A study on clinical profile and outcome of children with severe acute malnutrition
21	Neurodevelopmental outcome in very low weight infants,with abnormal neurosonogram suggestive of periventricular leucomalacia
22	A randomised control trial on the efficacy of nebulised magnesium sulphate and salbutamol in acute asthma compared to nebulised salbutamol in children
23	A study on the association between clinical features,saverity of dengue fever and dengue virus serotype
24	A study of clinical profile and outcome of paediatric tuberculosis
25	Sensitivity of cardiac trop-t in predicting myocardial dysfunction due to birth asphyxia

VII. MD – ANAESTHESIOLOGY

SL NO	TOPIC
1	Comparison of the effects of caudal Ropivacaine and Ropivacaine with Clondine for post operative pain relief in paediatric Herniotomies
2	A study on effect of adding Dexmedetomidine to Bupivacaine for brachial plexus blockade - A randomised clinical trial
3	Title of the project-comparison of effectiveness of granisetron plus Dexamethasone and Granisetron alone in preventing postoperative nausea and vomiting in patients undergoing Cholecystectomy under General Anaesthesia
4	Optimal external Laryngeal manipulation or McCoy active in Patients with difficult view of the Glottis on direct Laryngoscopy
5	Efficacy of Intravenous Esmolol,Diltiazem and Magnesium Sulphate in a attenuating the Haemodynamic responses to Laryngoscopy and

	Tracheal Intubation - A comparative study
6	Comparison of Efficacy of Oral Midazolam, Ketamine and Triclofos Sodium as Premedicants in Children

7	Trasversus Abdominis Plane block for Postoperative Analgesia in Caesarean section
8	Comparative study between Intravenous Clonidine, Midazolam and placebo group on Patients premedicated with Morphine in attenuating Haemodynamic response to Laryngoscopy and Tracheal intubation
9	Comparison between modified Mallampati Test upper Lip Bite Test Sternomental distance in predicting difficult Intubation
10	A comparison of analgesia of intrathecal bupivacaine and intrathecal bupivacaine with tramadol as adjuvant in orthopaedic surgery among adults undergoing lower limb surgery
11	Efficacy of intraperitoneal bupivacaine installation for postoperative analgesia after laproscopic cholecystectomy
12	A randomised controlled trial to evaluate the efficacy of midazolam co-induction in reducing the induction dose of propofol in adult patients for elective surgical procedures under general anaesthesia
13	A randomised controlled trial to compare the motor block and analgesic efficacy after caudal block using three different concentrations of ropivacaine in paediatric lower abdominal surgeries
14	Randomised controlled trial to study the efficacy of oral clonidine in controlling shivering in patients undergoing elective urological surgeries under subarachnoid block
15	Lower dose of hyperbaric bupivacaine with dexmedetomidine and conventional dose of hyperbaric bupivacaine for subarachnoid block in lower limb surgeries- A comparative study
16	A randomised controlled trial to compare the first attempt success rate and effective airway time in two different techniques of proSeal lma insertion (bougie guided vs introducer) in adult short elective surgeries
17	Efficacy of ketamine gargle for attenuating postoperative sore throat in patients undergoing general anaesthesia with endotracheal intubation
18	A randomized controlled trial for comparison of Propofol versus Sevoflurane for LMA insertion in Paediatric Patients

VIII. MS – OPHTHALMOLOGY

SL NO	TOPIC
1	A clinical study on proportion of confirmed Tuberculous Uveitis among Patients with presumed Tuberculosis Uveitis
2	Relation between primary open angle Glaucoma and Neurodegenerative diseases - A case control study
3	Posterior Uveitis - study of clinical profile and Aetiological factors
4	Refractive errors among school children in Calicut City - A cross sectional study

5	Renital nerve fiber layer thickness in Ocular Hypertention,normal tension Glaucoma,primary open angle Glaucoma by spectral domain optical coherence Tomography
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6	A study of the ocular manifestations of Rheumatoid Arthritis among Patients presenting to a Tertiary Centre
7	Evaluation of Diabetic Macular Oedema with optical coherence Tomography and fundus Fluorescein Angiography
8	Study of the risk factors of exudative age related macular degeneration in a tertiary eye care center in south India
9	Association of diabetic retinopathy with diabetic nephropathy and other hemodynamic and metabolic parameters
10	Clinical profile of cystoid macular oedema following small incision cataract surgery
11	Changes in macular thickness and morphology in patients undergoing pan retinal photo coagulation for diabetic retinopathy without clinically signifant macular oedema
12	ERG abnormalities in posterior uveitis and its clinical correlation
13	Profile of diabetic retinopathy urban vs rural trivandrum
14	Correlation between corneal sensitivity and peripheral neuropathy in patients with diabetes mellitus
15	Low vision in school ageo children associated factors and effect of low vision aids on functional status
16	Clinical profile of amblyopia and effectiveness of part-time occlusion theraphy in children aged 3-10 years
17	Ultrasound Biomicroscopic evaluation of changes in Anterior segment Morphology after Nd:YAG Laser Iridotomy in primary angle Closure Glaucoma

IX. MD - COMMUNITY MEDICINE

SL NO	TOPIC
1	A study on the prevalence of low Birth Weight and its risk factors in Ettumanoor Panchayath
2	A study on the unmet needs of family planning in Arpokkara Panchayath
3	Prevalence and risk factors of Diabetes Mellitus among the population above 30 years in a rural area of Kozhikode District
4	Prevalence and determinations of Tobacco use in urban Slum Dwellers of Kozhikode Corporation
5	Nutritional status of pre-school tribal children in Kozhikode District
6	Morbidity pattern and sociodemographic profile of interstate Migrant construction workers in Kozhikode area
7	Prevalence and association of tnsomnia among elderly in vakkom panchayat

8	Glycemic control among diabetic patients and associated factors
9	Prevalence of self reported gynaecological morbidity and health seeking behaviour among women of reproductive age group in a rural area of thiruvananthapuram district

10	Menstrual hygienic practises among pubescent girls and reproductive age group women in Kerala
11	Assessment of services and quality of life of the beneficiaries of ashraya project,thiruvananthapuram district,Kerala
12	Mental well being among women enrolled in neighbourhood groups in the rural areas of thiruvananthapuram district- A comparative study

X. MD – PHYSIOLOGY

SL NO	TOPIC
1	A study of lipid profile in Pregnant and Non Pregnant Women
2	Serum Beta - hCG and lipid levels in Normotensive Pregnant women,Mild Preeclampsia and severe Preeclampsia
3	Electrophysiological detection of Asympomatic carpal tunnel syndrome in Type 2 Diabetic patients
4	Screening for hearing loss in new born Infants and analysis of risk factors
5	A comparative study of serum magnesium level in type 2 diabetes mellitus with and without complications
6	Serum c-reactive protein,ceruoplasmin in acute myocardial infarction and their relation with ck-mb and left ventricular ejection fraction

XI. MS – ENT

SL NO	TOPIC
1	A study on the cavity problems in patients who have undergone functional Endoscopic Sinus Surgery
2	A study on the effect of Adenotonsillectomy on sleep - Disordered breathing in children
3	A comparative study in patients undergoing functional Endoscopic Sinus Surgery for Sinonasal polyposis,with and without preoperative Steroid Theraphy
4	Etiological agents of Fungal Rhino sinusitis prevalent in Central Travancore
5	Clinical profile and prevalence of menieres disease in a tertiary care centre
6	Prevalence of asymptomatic otitis media with effusion in patients selected for adenoidectomy
7	A study of hearing loss in tenporal bone fracture
8	Correlation of computed tomography scan and endoscopic findings in

	chronic rhino sinusitis undergoing endoscopic sinus surgery
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XII. MD – MICROBIOLOGY

SL NO	TOPIC
1	A study on the bacterial profile of surgical site infection occurring within one week after surgery
2	A comparative study of conventional and automated blood culture in the early detection of bacterial pathogens
3	Clinicomicrobiological study on extended spectrum and Ampc Beta Lactamases in gram negative Bacteria
4	A clinicomicrobiological study of community acquired MRSA and health care associated MRSA from PUS
5	Culture positivity of the specimens from smear negative pulmonary and extrapulmonary Tuberculosis
6	A prospective study on Aerobic Bacterial infections in deep Burns
7	Aerobic Bacteriological profile of active chronic Otitis media with Antibiogram
8	Aerobic Bacterial Aetiology of Post Traumatic Osteomyelitis
9	Characterisation of fungal isolates obtained from Patients with Dermatophytosis attending Government Medical College Thrissur
10	Change in Bacterial Flora of Patients during Hospitalization
11	Prevalence of Asymptomatic Bacteriuria in Pregnancy
12	A study on isolation, identification and antifungal susceptibility pattern of candida species
13	A comparative study of urinary bacterial isolates in community and hospitals
14	A study on extended spectrum and amp c beta lactamases in E coli and klebsiella isolates in a tertiary care hospital in kerala
15	A study on identification of clinical isolates of dermatophytes

XIII. MD - FORNSIC MEDICINE

SL NO	TOPIC
1	Medicolegal aspects of Gross and Microscopic findings in drowning
2	Estimation of stature from Humerus - A Post-Mortem study
3	Determination of Sex from the Adult Clavicles - A Postmortem study
4	Correlation of Atherosclerotic and Thrombotic Coronary Artery Disease with Anatomical distribution and variation of Coronary Arteries
5	Clinico-Pathological study of Blunt abdominal Trauma
6	A study of Diatoms in Drowning

XIV. MD - PULMONARY MEDICINE

SL NO	TOPIC
1	A study on Pulmonary function abnormalities in patients with Carcinoma Breast following external radiation treatment

2	Prevalence of components of Metabolic Syndrome in pregnant women with obstructive sleep apnoea / hypopnoea Syndrome
3	A prospective study comparing the outcome of chemical Pleurodesis using TALC or Tetracycline in Patients with Pneumothorax
4	Cardio Pulmonary Exercise testing in Asymptomatic smokers v/s Non-smokers
5	The clinical,Radiological and function profile in diffuse Parenchymal Lung Disease
6	Factors influencing survival time of Bronchogenic Carcinoma in a tertiary Care Centre

XV. MS – PHARMACOLOGY

SL NO	TOPIC
1	A comparative study of effectiveness of Enalapril,Losarian and their combination in reduction of proteinuria among patients of Type 2 diabetic Nephropathy
2	A comparative study on effectiveness of prednisolone versus deflazacort in adult Nephrotic syndrome
3	Levocetizine - Ranitidine combination v/s Levocetizine in chronic Idopathic Urticasia :A randomized Double blind Placebo controlled comparative study of Efficacy and safety
4	A randomized open labelled trial to compare the Efficacy and safety of formoterol and Budesonde in Step 3 treatment of Asthma
5	Comparative study of toxicity of weekly Vs three-weekly regimen of paclitaxel in locally advanced breast cancer
6	Comparison of the effectiveness and tolerability of risperidone and olanzapine in the treatment of schizophrenia in a tertiary care hospital
7	Drug safety monitoring in hospitalised patients with chronic obstructive pulmonary disease
8	Adverse drug reaction profile of patients taking drugs for idiopathic parkinsonism in a tertiary care hospital
9	Effectiveness and tolerability of atomoxetine in comparison to methyl phenidate in ADHD- A prospective observational study
10	Seizure control profile and tolerability of zonisamide in primary generalised epilepsy- A prospective observational study

XVI. MD – RADIOTHERAPY

SL NO	TOPIC
1	A comparison of two fractional schedules in terms of locoregional

	control and toxicity profile in post Mastectomy Chest Wall Irradiation
2	A comparison of two different fractional schedules in high dose rate Brachytherapy of Carcinoma Cervix in terms of locoregional control and toxicity profile

3	Randomised trial to assess pain relief and side effects in patients with neuropathic pain due to bone metastasis following external beam radiotherapy with 20gy/5 fraction vs 30gy/10 fraction
4	To examine whether,after preceeding induction chemotherapy simultaneous chemoradiotherapy is superior to radiotherapy alone in stage3A or 3B non small cell lung cancer
5	To assess the quality of life,the acute toxicities and pathological response rate of paclitaxel based dose dense and conventional neoadjuvant chemotherapy in locally advanced female breast cancer patients

XVII. MD - PSYCHIATRY

SL NO	TOPIC
1	A descriptive study on personality profile, suicidal intent, psychosocial stress, method of attempt and psychiatric diagnosis in male and female suicide attempters
2	Executive Dysfunction in episode psychosis : correlates with Sympoms,Premorbid adjustments,and duration of untreated psychosis
3	A study of the Psychiatric morbidity in spouses of Patients with Alcohol dependence Syndrome
4	A study of Depression, Anxiety, Acceptance level and Glycaemic control in Patients with Type 2 Diabetes Mellitus
5	Prevalence of depression in HIV-Positive Patients who are taking Anti-Retroviral therapy (A.R.T) for more than Two years and are stable
6	Prevalence of psychiatric disorders and mental health service use among caregivers of patients receiving palliative care
7	Prevalence of psychiatric disorders in patients admitted with cancer in a tertiary centre- Cross sectional study
8	Psychosocial factors in children and adolescence with attention deficit hyperactivity disorder -A case control study

XVIII.MD -PATHOLOGY

SL NO	TOPIC
1	The role of bronchial wash cytology and sputum cytology by saccomand technique in the diagnosis of hung cancers
2	Clinicopathological correlation tumors Andtumorlike lesions of Jaw
3	Histopathological study of the relationship of columnar cell lesions to Carcinoma Breast
4	Histopathological evaluation of Endometrium in Perimenopausal Women presenting with menstrual symptoms

5	Profile of cervical extology in perimenopausal women
6	Study of Histopathological and Radiological correlation of Bone lesions
7	Histopathological study of the Helicobacter Pylori infection in gastric biopsies and serological correlation
8	Lupus nephritis - A clinico pathological study
9	Comparative evaluation of various cytological techniques in Diagnosis of Pulmonary Tumors
10	Differentiating Hepatocellular Carcinoma from Metastatic Carcinoma of Liver in Cellblocks of fine needle aspiration cytology
11	Morphological findings in Fetal Autopsies conducted at Medical College Calicut
12	Clinical and Laboratory predictors of Viperid bites in Kerala
13	Role of fine needle aspiration Cytology in palpable head and neck masses (excluding thyroid lesion) and Histopathological correlation
14	Spectrum of Lung changes in Urban and Rural population of Central Kerala - An autopsy study
15	Expression of CDX2 protein in Gastric Mucosa with intestinal Metaplasia and Gastric Carcinoma
16	Role of Scrape / Aspiration cytology in the intraoperative Diagnosis of Ovarian Neoplasms
17	Influence of marginal Adipose tissue invasion in Ductal Carcinoma of the Breast on Lymph node metastasis
18	A study of morphological prognostic factors and survival in colorectal cancer
19	A study of histopathological features and the expression of langerhans and dermal dendritic cells in different subtypes of hansen's disease
20	A study of changes in morphology and hormone receptor status in carcinoma breast following neoadjuvant chemotherapy
21	A clinicopathological study of iron status and haematological parameters in pregnant women and their association with gestational diabetes mellitus
22	Study on histopathological changes in chronic calculous cholecystitis and p53 expression in gall bladder preneoplasia
23	Teratoma ovary- A histomorphological study
24	A clinicopathological and molecular study of papillary carcinoma thyroid
25	Immunohistochemical detection of high risk human papilloma virus-16 in cervical smears-A hospital based study
26	
27	Histopathological and immunohistological study of tumor like lesions of prostate

28	Ig A Nephropathy comparison of classification systems
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XIX. MD – BIOCHEMISTRY

SL NO	TOPIC
1	Serum Vitamin-D in Type 2 Diabetes Mellitus
2	Association of high sensitivity C-reactive Protein with Acute Coronary Syndrome
3	Study of insulin resistance and metabolic syndrome in female hypothyroid patients- A cross-Sectional Study

XX. MD - RESPIRATORY MEDICINE

SL NO	TOPIC
1	Study of Drug resistance pattern among Patients enrolling in CAT-2 Regimen
2	The prevalence of pulmonary involvement in collagen vascular diseases and its clinical and radiological profile
3	Diagonostic yield of bronchial washings, bronchial brushings and post bronchoscopy sputum cytology compared to bronchial biopsy in bronchoscopically suspected lesions in diagnosis of lung cancer
4	Bap-65 scoring system and clinical outcome in acute exacerbation of copd

XXI. MD - PULMONARY MEDICINE

SL NO	TOPIC
1	Prevalence of components of Metabolic Syndrome in pregnant women with obstructive sleep apnoea / hypopnoea Syndrome
2	A prospective study comparing the outcome of chemical Pleurodesis using TALC or Tetracycline in Patients with Pneumothorax
3	Cardio Pulmonary Exercise testing in Asymptomatic smokers v/s Non-smokers
4	The clinical,Radiological and function profile in diffuse Parenchymal Lung Disease
5	Factors influencing survival time of Bronchogenic Carcinoma in a tertiary Care Centre

XXII. MD - PSYSICAL MEDICINE AND REHABILITATION

SL NO	TOPIC
1	Obesity - A study on functional limitations and Co-Morbidities
2	Study of effectiveness of Massage Therapy as a Therapeutic adjuvant in

	the Management of pressure Ulcer
3	Risk factors for undernutrition in children with Cerebral Palsy
4	Quality of life and functional status of inmates of old age homes

5	Effectiveness of metformin in the management of obesity among young adults
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XXIII. MD-TRANSFUSION MEDICINE

SL NO	TOPIC
1	Transfusion related immunomodulation : A study on quantitative changes in cytokines
2	Determination of red blood cell transfusion among sick neonates in neonatal intensive care unit
3	Transfusion audit and targeted education as tools to improve practice of fresh frozen plasma transfusion - An interventional study

XXIV. MD – RADIODIAGNOSIS

SL NO	TOPIC
1	Multidetector computed Tomographic evaluation of spontaneous Intracranial Haemorrhage
2	Role of multidetector computed Tomography in evaluation of Mediastinal Lesions
3	Comparative study of ultra sonography with MRI in rotator cuff tears
4	Role of diffusion weighted mr imaging in differentiation of malignant from benign thyroid nodule
5	MR imaging of meniscal tears of the knee compared with arthroscopy
6	Role of spectroscopy in differentiation of malignant from benign musculoskeletal tumors
7	MRI of rotator CUFF injury of shoulder and correlative study with USG
8	Role of contrast MRI in staging of early Adenocarcinoma Endometrium - A prospective study