

ANATOMY	
SL. NO	
1.	Antomical study of changes in axial length of the eye, central corneal thickness, depth of anterior chamber, and thickness of lens in pre and post operative case of lasik (laser assisted in situ keratomileusis) for refractive error
2.	A cadaveric study on the variations of relationship of recurrent laryngeal nerve with the inferior thyroid artery near the lower pole of thyroid gland
3.	Antenatal fetal age estimation by measuring crown-length, bi- parietal diameter and femur length
4.	A cadaveric study of superior thyroid artery and its variant origin
5.	Anatomic variation of small saphenous vein termination - a cadaveric study
6.	A morphometric study of adult human trachea in west bengal population
7.	Study of sexual dimorphism in human sacrum from dried sacral bone in bmc, burdwan
8.	The study of associated congenital abnormalities in inguino-scrotal region due to undescended testis in pediatric age- group
9.	Ta histological study of different clinical variants of polymorphic light eruption (pmle) among patients attending dermatology opd in nbmc.,
10.	Placental thickness : it's variation with gestational age and foetal growth parameters - a hospital based sonological study in north bengal
11.	Neuroanatomy learning in phase - 1 m.b.b.s - a feedback analysis from medical students
12.	A study of placental grading and size related to gestational hypertension and intrauterine growth retardation
13.	Assessment of relationship between neck shaft angle neck length with inter - epicondylar distance in femur
14.	Study of clinico-anatomical factors causing primary infertility in females
15.	The effect of maternal anemia on newborn anthropometry in kolkata - a case control study
16.	Study of variations of gall bladder and extrahepatic biliary apparatus among cadavers of kolkata based medical college
17.	Cephalometric study of adult human dry skulls of eastern indian population (west bengal, bihar, orissa)
18.	A morphometric study on dry human sacrum and its hiatus among the west bengal population
19.	A morphometric study of clavicle in eastern indian population
20.	Morphometric analysis of the suprascapular notch of human scapulae with clinical implications in eastern india
21.	Estimation of human height from length of tibia
22.	A study of morphometric and histological changes of placenta in diabetic mothers and its comparison with normal placenta
23.	Morphometric study of suprascapular notch and its correlation with anthropometric measurements of dry scapula and its clinical significance in indian population
24.	Morphometric study of pulmonary veins and their openings in the left atrium in cadavers of eastern indian population
25.	Morphometric study of thyroid gland and histological study of pyramidal lobe in cadavers
26.	Measurement of normal reference values of spinal canal diameter and space available for cord (sac) at mid-sagittal level in cervical spine (c3 to c7) in adult east indian population by mri and their relation with stenotic symptoms
27.	Study of variation of the height of arch of foot in heavy working, walking and sedentary women of west bengal

SL. NO	ANEASTHESIOLOGY
1.	Effects of different doses of ondansetron in prophylaxis of post operative nausea and vomiting in healthy subjects under going general anaesthesiology - A prospective randomised controlled parallel group study
2.	Analgesic efficacy of dexmedetomidine with 0.25% bupivacaine versus 0.25% bupivacaine alone in bilateral superficial cervical plexus block administered before thyroid surgery under general anaesthesiology
3.	Comparison of haemodynamic and hormonal stress responses between endotracheal tube and laryngeal mask airway for lumbar laminectomy a randomised controlled trial
4.	Comparison of effects of prophylactic amiodarone versus lignocaine and magnesium sulphate versus placebo in prevention of arrhythmias in patients undergoing valve replacement surgery
5.	Comparison of the effects of dexmedetomidine and magnesium sulphate in reducing anaesthetic requirements in patients undergoing intracranial surgery : A double blinded, randomised controlled study
6.	A comparative study between 0.25% levobupivacaine and 0.25% ropivacaine in children undergoing infraumbilical surgeries under caudal anaesthesia
7.	Comparison of neuromuscular blocking effects and recovery characteristics of rocuronium between steady state isoflurane or propofol anaesthesia in spinal fixation surgery
8.	Comparison of postoperative analgesia between epidural levobupivacaine and epidural levobupivacaine dexmedetomidine following spinal fixation surgery
9.	Comparative study of isobaric 0.5% levobupivacaine combined with 25mg fentanyl versus isobaric racemic mixture of 0.5% bupivacaine combined with 25mg fentanyl intrathecally for elective infraumbilical surgery
10.	Comparison of real - time ultrasonography guided versus conventional anatomical landmark guided central venous cannulation
11.	A comparison of postoperative analgesic efficacy of bupivacaine fentanyl combination versus ropivacaine fentanyl combination in caudal blockade in paediatric patients undergoing infraumbilical surgery
12.	Comparison of intrathecal bupivacaine with intrathecal bupivacaine and midazolam for infraumbilical surgeries
13.	Comparison of intrathecal bupivacaine and intrathecal bupivacaine with clonidine for intraoperative and postoperative analgesia in lower limb orthopaedic surgeries
14.	Comparative study between epidural bupivacaine with dexmedetomidine and epidural bupivacaine for post operative analgesia in abdominal (infraumbilical) and lower limb surgeries
15.	Comparative study between combined spinal epidural analgesia (CSEA) and pre - emptive multimodal analgesia for pain control in joint replacement surgeries of lower limbs
16.	A comparison of intranasal dexmedetomidine and oral midazolam for premedication in pediatric anaesthesia : A prospective double blind randomized controlled trial
17.	LMA Proposal : An alternative to endotracheal intubation in open appendectomy operation
18.	Comparison of isobaric intrathecal injection of bupivacaine, levobupivacaine, and ropivacaine for lower abdominal surgery
19.	Supraclavicular brachial plexus block by bupivacaine, levobupivacaine and levobupivacaine with dexamethasone - A comparative study
20.	A comparison of haemodynamic response between clinical assessment guided intubation and neuromuscular block monitoring guided intubation
21.	Comparison of suxamethonium and rocuronium on time to oxygen desaturation during apnea following rapid sequence induction a randomized control trial
22.	Comparison of dexmedetomidine with midazolam regarding arousal time from intraoperative sedation in adult patients during spinal anaesthesia for infraumbilical surgeries
23.	Comparison between efficacy of eutectic mixture of local anaesthetic cream and capsaicin - diclofenac ointment in reducing peripheral venous cannulation pain in patients of 6-15 years
24.	Comparison of intravenous esmolol and dexmedetomidine for attenuation of haemodynamic response to laryngoscopy and endotracheal intubation
25.	A study of intravenous clonidine and dexmedetomidine compared with intravenous midazolam as an active control for suppression of haemodynamic response associated with laryngoscopy and endotracheal intubation in patients undergoing laparoscopic cholecystectomy under general anaesthesia
26.	A comparison of levobupivacaine 0.5% racemic bupivacaine 0.5 and ropivacaine 0.75% for epidural anaesthesia for lower abdominal surgeries
27.	A comparative study between oral clonidine and oral atenolol premedication for attenuation of haemodynamic response to laryngoscopy and endotracheal intubation during elective surgical procedures
28.	A prospective, randomised, comparative study between classic laryngeal mask airway and igel, a new supra - glottic airway device in spontaneously breathing patients undergoing elective breast surgery
29.	Bispectral index (BIS) guided comparison of magnesium sulphate and dexmedetomidine as anaesthetic adjunct in elective cholecystectomy
30.	Total intravenous anaesthesia with propofol - fentanyl and propofol - ketamine : A comparative study
31.	Efficacy of intrathecal levobupivacaine and bupivacaine for cesarean section - A comparative study
32.	Effect of pregabalin premedication in postoperation analgesia in vaginal hysterectomy under spinal anaesthesia : A comparison of Two different doses

33.	A comparative study of bupivacaine alone and bupivacaine with dexmedetomidine in patients undergoing upper limb surgery by supraclavicular brachial plexus block
34.	A comparative study of levobupivacaine and ropivacaine for perioperative analgesia in patients undergoing upper limb surgery by supraclavicular brachial plexus block
35.	A prospective randomised study to compare the effect of 6% tetrastarch-130 on blood sugar levels during surgery under subarachnoid block when used as preloading fluids
36.	Comparison between intravenous midazolam hydrochloride and tramadol hydrochloride as prophylaxis for shivering during regional anaesthesia
37.	The effect of intravenous dexmedetomidine on spinal anaesthesia - A prospective randomized controlled trial
38.	A prospective observational single blind study to compare upper lip bite test with modified mallampati test in predicting difficult laryngoscopy in adult patients requiring general anaesthesia with endotracheal intubation
39.	The effects of balanced colloid and crystalloid versus saline based colloid and crystalloid solutions on acid base and electrolyte status in patients undergoing gastrointestinal surgery
40.	Preincisional levobupivacaine infiltration versus diclofenac suppository for relief of pain in paediatric patients undergoing inguinal herniotomy under general anaesthesia
41.	A comparative study on the effects of two different concentrations of levobupivacaine with fentanyl through thoracic epidural infusion for post thoracotomy patients
42.	Study on haemodynamic effects of induction dose of propofol and propofol ketamine combination a randomized controlled trial
43.	A comparative study of midazolam, midazolam plus ketamine, tramadol and tramadol plus ketamine for prevention of shivering under subarachnoid anaesthesia
44.	Comparison between racemic bupivacaine and levobupivacaine; both combined with low dose fentanyl, through intrathecal route for transurethral resection of prostate (TURP)
45.	Comparative study of the effects of dexmedetomidine and fentanyl as adjuvants on the spinal block characteristics of levobupivacaine in infraumbilical surgeries
46.	A comparative study of subarachnoid block characteristics using isobaric solutions of levobupivacaine and ropivacaine in elective infraumbilical surgery
47.	Comparative study of caudal block versus intravenous fentanyl on emergence delirium in children undergoing infraumbilical surgery under sevoflurane anaesthesia
48.	Effect of dexmedetomidine as an adjuvant to levobupivacaine for brachial plexus block in patients undergoing upper limb surgery
49.	A comparative study of bupivacaine alone and bupivacaine with clonidine administered in supraclavicular brachial plexus block for upper limb surgery
50.	A comparative study of intrathecal isobaric 0.5% bupivacaine and isobaric 0.75% ropivacaine in elective lower uterine caesarean sections
51.	Comparative Evaluation between oral gabapentin and oral pregabalin premedication for attenuation of hemodynamic response to laryngoscopy and endotracheal intubation in elective procedures under general anaesthesia

**MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2012 – 2015**

SL. NO	BIOCHEMISTRY
1.	Serum adenosine deaminase activity and it's correlation with uric acid level in patients with type 2 diabetes mellitus and prediabetes
2.	A study of h2s levels, h2s synthase activity and total oxidative stress in patients suffering from type - 2 diabetes mellitus
3.	A study to assess the association between prostate specific antigen and gonadal steroid hormones in female breast carcinoma
4.	Assessment of na+ - k+ atpaseactivity and it's relationship with oxidative stress in patients in the manic of bipolar disorder and in acute phase of major depression
5.	A study on oxidative stress in cancer
6.	A study on oxidative stress in acute myocardial infarction
7.	Comparison of activity of erythrocyte plasma membrane redox system, vitamin c level and protein carbonyl level in carcinoma cervix patients and women with healthy looking cervix (as per speculum examination)
8.	Comparative evaluation of serum ca15.3 psa anti - tpo with hispathological diagnosis in women breast lump
9.	Assessment of iron status in pre-eclamptic mothers in 3rd trimester
10.	Studies on the serum level of dehydroepiandrosterone sulfate and f2 isoprostane in alzheimer disease : relationship with severity of cognitive impairment
11.	A study of serum magnesium and its importance in hospitalised traumatic head injury patients
12.	Assessment of vitamin d status in insulin resistant type 2 diabetics in a tertiary care hospital
13.	STUDIES ON THE MOLECULAR MECHANISMS OF OXIDATIVE STRESS MEDIATED ALTERATION IN AMYLOID $\beta$ METABOLISM IN SHSY5Y CELLS : IMPLICATION IN THE PATHOGENESIS OF ALZHEIMER'S DISEASE
14.	Study on iron dysregulation in aged rat brain : implications in the pathogenesis of alzheimers disease
15.	COMPARISON OF Egfr CALCULATION BY CREATININE ALONE AND CREATININE WITH CYSTATIN C USING 99mtc DTPA RENOGRAM AS THE BENCHMARK
16.	Changes in biochemical markers in blood and urine in case of malunion and nonunion after fracture long bones
17.	Assessment of urinary calcium creatinine ratio and oxidative stress in eclampsia patients attending bmc&h
18.	A study of interrelationship between thyroid hormone status, liver function profile and mood status in chronic alcoholic patients attending psychiatry out-patient dept. In bmc&h
19.	Assessment of oxidative stress and serum gonadotropin level and their correlation in infertile women attending gynaecology out - patient dept. Of bmc&h
20.	Study of serum vitamin d stutas among 6 -14 yrs normal children and children with early fracture presenting at tertiary care hospital in kolkata

## DERMATOLOGY

SL. NO	
1.	Clinico-demographic study of lichen planus and its association with hepatitis c virus infection and other diseases
2.	Study of total oxidative stress and anti oxidant defence invitiligo
3.	Dermatological manifestations in hiv infected individuals attending the art centre of a tertiary care hospital and their correlation with cd4 count
4.	Current scenario of leprosy after quarter century of mdt in a tertiary teaching hospital in burdwan
5.	A comparative study for evaluating efficacy and safety of oral methotrexate vs narrow band uvb on patients of chronic plaque psoriasis
6.	Clinicoepidemiologic profile of cicatricial alopecia and review of histopathological features
7.	Comparative study between efficacy of only intralesional steroid and cryotherapy with intralesional steroid in treatment of keloids
8.	Lichen planus pigmentosus a clinico pathological study in a tertiary care setting of eastern india
9.	Spectrum of mucocutaneous changes in patients with hematologycal malignancies : an exploratory study
10.	Linear lisoins in dermatology, a clinico - etiopathological study
11.	Clinicodemographic evaluation of patients with herpes zoster with special reference to zoster - associated pain
12.	Cytokine profiles in psoriasis patients and its correlation with disease subtypes and severity
13.	Role of patch testing with indian cosmetic series in patients of facial pigmented contact dermatosis
14.	Clinicopathological study of facial pigmented tumours : a study in tertiary care centre in eastern india
15.	Radiological bone changes in hands feet and face in leprosy patient in a tertiary care centre
16.	Clinico-epidemeological study of congenital ichthyosis in a tertiary care centre of eastern india

**MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2012 – 2015**

SL. NO	F.S.M.
1.	Estimation of stature from foot print length from adult bengali population in the district of burdwan
2.	Epidemiological study of hanging cases with special reference to involvement of thyroid cartilage and hyoid bone from february 2013 to january 2014
3.	An epidemiological study on the correlates of long injuries in fatal road traffic accidents occuring within the jurisdiction of kolkata police morgue
4.	A study on thoracic and abdominal injuries in fatal road traffic accident cases within the jurisdiction of kolkata police morgue (kpm)
5.	A STUDY ON ESTIMATION OF STATURE FROM ARM LENGTH AMONG ADULTS (BOTH males & FEMALES) AGED 21-50 YEARS
6.	Assessment of risk violent behaviour among the patients with schizophrenia and allied psychosis and nature of weapons used in the process of violence
7.	An epidemiological study of fatal intracranial haemorrhages autopsied in dept. Of f.s.m., nbmc, w.b.
8.	Study of cases of hanging and strangulation by ligature with special reference to morphological changes of lungs thyroid and adrenal glands
9.	Extent of head injury and the period of survivability in relation to the medicolegal cases dealt in nrsmc&h police mortuary
10.	Histopathological changes in kidneys in case of deaths due to burn injury in all age groups and both genders except decomposed and charred bodies
11.	Types of fractures of different bones and the manners of their production in relation to the medicolegal cases dealt in nrsmc&h police mortuary
12.	Study of palm and sole length in relation to stature of a subject in bengali population done at rgkmc police morgue
13.	A study to find out the age related changes of prostatic lesions among cases of unnatural deaths
14.	A study of intracranial haemorrhage in medico legal autopsy cases done at rgkmc police morgue
15.	A study of distribution of atherosclerosis of aorta, fatty liver and cirrhosis of liver in medico legal autopsy cases

## GYNAE. &amp; OBS.

SL. NO	
1.	Comparative study of routine versus selective antenatal thyroid screening test in state tertiary care hospital in eastern india
2.	Screening, diagnosis and foeto - maternal outcome of gestational diabetes mellitus in a tertiary care hospital in eastern india
3.	Comparative study between vaginal contraceptive ring and oral contraceptive pills in achieving control in women with irregular menstrual cycles
4.	Study on maternal near miss cases in tertiary care hospital
5.	Randomised study comparing nonclosure and closure of visceral and parietal peritoneum during caesarean section
6.	Comparative study of induction of labor with oxytocin alone versus intracervicaldinoprostone followed by oxytocin in premature rupture of membranes at term pregnancy
7.	A study on clinical profile and management of critically ill obstetric patients admitted in high dependency unit of department of gynaecology and obstetrics
8.	Role of VBAC (Vaginal Birth After Caesarean) after assessing the LUS (Lower Uterine Segment) with previous LUCS ( Lower Uterine Caesrean Section) with Ultrasonography
9.	Eclampsia prevalence, risk factors and outcome
10.	Appropriate method of hysterectomy based on comparison in a woman with benign disease
11.	A study of correlation between cervical pap smear and cervical biopsy screening procedure of cervical carcinoma
12.	A clinical study of diagnostic hysteroscopy in abnormal uterine bleeding
13.	A study of pelvi - abdominal mass in gynaecological patients with special reference to ovarian original, specially in extremes of age group
14.	A comparative study of fetomaternal outcome in pregnant women with HbE variants and with out HbE variants
15.	Evaluation of fetomaternal outcome in pregnancies with cardiac disease
16.	Hysteroscopic evaluation in patients with abnormal uterine bleeding and its correlation with histopathology
17.	Safety efficacy & acceptability of medical abortion with mifepristone and misoprostal in pregnancy with gestation from 63 - 90 days
18.	Fetometarnal outcome of term breech delivery in a peripheral tertiary care centre
19.	Comparative study of effect of low dose of magnesium sulphate &conventional dose of magnesium sulphate (pritchard regimen) in eclampsia - a randomised controlled trial
20.	Umbilical cord coiling index and perinatal outcome
21.	Comparative study of intravenous labetalol and oral nifedipine for control of blood pressure in severe pre - eclampsia
22.	A study of different biochemical and sonological parameters as predictor of preeclampsia
23.	A prospective randomised double blind study on efficacy intrauterine lidocaine 1% instillation on pain relife in endometrial biopsy
24.	Role of critical care unit high risk obstetric and post partum cases in a tertiary care centre
25.	Analysis of 100 cases of referrals to tertiary care hospital
26.	A comparative study between uterosacral hysteropexy (USH) and vaginal hysterectomy with or without pelvic floor repair in uterovaginal prolapse (POP-Q) stage 2 and stage 3
27.	Comparative evaluation of defferent methods of analgesia for management of early pregnancy loss using manual vacuum aspiration(MVA) - A randomised open label study
28.	An observational cross sectional study to screen the pregnant women between 21 to 35 years in their first antenatal visit for the presence of unhealthy cervix
29.	Menstrual irregularity - a clinical marker of polycystic ovarian syndrome - An observational study
30.	Efficacy of mifepristone followed by misoprostol after 08 hours on the same day after 48 hours for early termination of pregnancy a comparative trial
31.	Study of cervical pap smear results among high risk females vs general population and effectiveness of high risk approach for screening of cervical carcinoma
32.	Feto-metarnal outcome in cases of jaundice in pregnancy in tertiary centre
33.	A prospective study to compare the role of uterine artery diastolic notch on colour doppler ultrasonography with roll over test in predication of pregnancy induced hypertension in high risk patients
34.	Yolk sac as a predictor of pregnancy outcome
35.	A comparative study between misoprostol versus mifepristone and misoprostol in second trimester termination of pregnancy
36.	Comparative study of fetomaternal outcome between obese and nonobese mothers
37.	Outcome of pregnancy in women with rheumatoid arthritis - A case control study
38.	Correlation of maternal vitamin - D deficiency with newborn serum vitamin - D and fetal growth restriction in early onset serve pre - sclampsia
39.	A study of maternal serum bhcg and lipid profile in early and late second trimester as predictor of pih / preeclampsia and its time of onset
40.	Amiotic fluid index and maximal vertical pocket in predicting pregnancy outcome 32 week of pregnancy - A comparative analysis
41.	Prospective study to compare the efficacy and safety of intramuscular carboprostandsublingual misoprostol in first trimester abortion
42.	A prospective study to compare the role of intramuscular oxytocin & intraumbilical oxytocin in prevention of post partum haemorrhage

43.	Evaluation of the ultrasound diagnostic criteria to differentiate benign from malignant adnexal mass using alcazer scoring system
44.	Role of aspirin in prevention of pregnancy induced hypertension (PIH) & IUGR in primigravida women with abnormal first and early second trimester uterine artery doppler
45.	A comparative study of the expectant versus aggressive management in severe preeclampsia before term in a rural medical college
46.	Management of uncontrolled atonic postpartum haemorrhage with special reference to uterine balloon tamponade in a low - resource setting
47.	A comparative study on safety and effectiveness of manual vacuum aspiration and suction evaluation and curettage
48.	A study on relation between maternal vitamin D level in early pregnancy (less than 16 weeks) & the risk of development of gestational diabetes & pregnancy induced hypertension
49.	A study on immediate postpartum insertion of IUCD - CuT380A to evaluate its acceptability and complications
50.	Effectiveness of the therapy with iron sucrose infusion in pregnant women with iron deficiency anemia in rural set up
51.	Correlation between fetal crown rump length in early pregnancy with outcome of pregnancy and birth weight : A cross - sectional study
52.	A randomized controlled trial on misoprostol with either mifepristone or letrozole for termination of pregnancy upto 9 weeks
53.	Effect of omission of bladder flap in primary caesarean delivery on operating time and complications a randomized controlled trial
54.	Post partum single dose versus seven days enoxaparin in intermediate risk patients for thromboprophylaxis a hospital based randomized control trial
55.	Efficacy of local infiltration of bupivacaine along the incision line in reducing post - operative pain following caesarean section - A double blinded randomized controlled study
56.	A comparative study of oral iron preparation versus intravenous iron - sucrose in the treatment of iron deficiency anaemia in postpartum women
57.	Assessment of risk factors for pelvic organ prolapse - a hospital based study
58.	A study on risk factors and outcome of placenta previa - A prospective observational study
59.	The efficacy of early amniotomy in induction of labour in nulliparous women : A hospital based randomized controlled trial
60.	Hypothyroidism in pregnancy : A prevalence study in a tertiary care level hospital in west bengal
61.	Induction of labour versus expectant management in women with preterm prelabour rupture of membranes between 34 and 37 weeks gestation with fetomaternal outcome
62.	Study on effects of ethinyl estradiol - cyproterone acetate versus metformin in overweight women with polycystic ovarian syndrome
63.	A prospective observational study on the life threatening complications in pregnancy
64.	Effect of early versus late removal of urinary catheter on urinary outcome after vaginal hysterectomy
65.	A comparative observational study of non descent vaginal hysterectomy and abdominal hysterectomy in benign uterine pathology with uterine size upto 14 weeks
66.	Hemodynamic changes in normal primigravida
67.	A study on correlation protein - creatinine ratio in single voided urine sample with 24 hour urine protein for estimation of proteinuria in preeclampsia
68.	Rise of haemoglobin percentage after administration of intravenous iron sucrose in antenatal and puerperal women presenting with anaemia : A prospective observational study
69.	Foetal and maternal outcome of pregnancies with threatened miscarriage in the first half of pregnancy : A prospective study
70.	A randomized double blind study to compare efficacy of mifepristone and misoprostol versus misoprostol alone for induction of labour in intrauterine fetal death
71.	Role of prophylactic midurethral slings in preventing postoperative incontinence after anterior vaginal wall repair
72.	A comparative study of rosiglitazone and clomiphene citrate versus metformin and clomiphene citrate in women with clomiphene citrate - resistant polycystic ovary syndrome
73.	A study to corroborate early onset pre - eclampsia with uterine with artery pulsatility index (UAPI) in pregnant women
74.	Study on the effects of drotaverine hydrochloride on active phase of labour and on pregnancy outcome
75.	A clinicopathological study of cervical cytology in women of 21yrs - 45yrs of age with special references to atypical squamous cells and low grade squamous intraepithelial lesion
76.	A prospective randomized controlled study on the effects of myoinositol on ovarian function and metabolic factors in women with polycystic ovarian syndrome
77.	Relationship between bacterial vaginosis and infertility - a cross sectional study
78.	Study of the magnitude of dyslipidemia in controlled type 2 mellitus in a tertiary care centre in eastern india
79.	Relationship between bacterial vaginosis and infertility a prospective study
80.	Relationship between bacterial vaginosis and infertility a prospective study
81.	Electrocardiographic changes in stable chronic obstructive pulmonary disease patients & its correlation to severity of airflow obstruction, serum c - reactive protein & pulse oxymetry



SL. NO	OPHTHALMOLOGY
1.	Effects of topical combination of tropicamide 0.8% and phenylephrine hydrochloride 5% among the successful post dacryocystorhinostomy cases : 'a non - randomised trial'
2.	Comparason between preoperative and postoperative astigmatism in pterygium surgery with limbal stem cell autografting
3.	Study of change in visual function following nd : yag laser posterior capsulotomy in posterior capsular opacity in pseudophakik adult patients
4.	Clinical profile of ultrasonographic features and visual evoked potential changes in patients of ocular trauma with opaque media - a prospective study
5.	Ocular biometry in patients with hemoglobinopathies
6.	A study of visual outcome, intraocular pressure control and complications of phacomrphic and phacolytic glaucoma after cataract extraltion in tertiary care centre in north bengal
7.	Evaluation of refrative error in preschool children by using iolmaster and auto refractometer
8.	Role of optical coherence tomography in multiple sclerosis and parkinson's disease
9.	Gonioscopic evaluation of angle of anterior chamber in population
10.	A study to assess the prevalance of ocular manifestations of hiv / aids in children aged '0 to 15' years
11.	A study to assess the prevalance of refractive errors in medical students in w.b.
12.	A prospective study of changes in corneal flap thickness in lasik patients by anterior segment optical coherence tomography
13.	A prospective study to evaluate ocular surface changes with topical anti - glaucoma drugs
14.	Changes in central corneal thickness in children under going cataract surgery : a longitudinalprospective study
15.	Incidence of posterior vitreous detachment (pvd) and pvd related complications after uneventful phacoemulsification surgery in patients with senile cataract
16.	A comparative study of ocular morbidity in students of government schools and madrasahs of kolkata
17.	A comparative study of prevalance of dry eye syndrome in insulin dependent diabetes mellitus and non insulin dependent diabetes mellitus in a tertiary eye care hospital
18.	Structure and function relationships in primary open angle glaucoma by spectral - domain optical coherence tomography and scanning laser polarimetry
19.	Assessment of retinal nerve fibre layer thickness in hiv positive patients without retinitis by spectral domain optical coherence tomography
20.	A study on the ocular and systemic factors affecting resolution of central serous chorioretinopathy
21.	A prospective study to evaluate the changes in symptom score and oculothermographic imaging in patients after laser in situ keratomileusis (lasik)
22.	An observational study of the clinicopathological causes of proptosis in patients attending a tertiary care center in eastern india
23.	A study of tarso - frontalis sling with silicone rod for the surgical correction of severe ptosis with poor function of levator palpebrae superioris
24.	A comparative study of standard automated perimetry & short wavelength automated perimetry as a method of detection of diabetic retinopathy

SL. NO	ORTHOPEADICS
1.	Analysis of result of intracapsular fracture neck femur treated by dynamic hip screw with antirotation
2.	A comparative study of operative management of internal fixation of closed tibial plateau fracture by plates with screws and only cannulated cancellous screws
3.	Comparative evaluation of the efficacy of conventional mcmurray test with paradoxical mcmurray test for the diagnosis of different types of meniscal tear
4.	Assessment of vascularity of femoral head of variable period after intracapsular fracture of femoral neck
5.	A prospective study of evaluation of ponseti method in management of neglected congenital talipes equinovarus deformity
6.	Comparative evaluation of outcome of cross pin fixation using conventional method with dorgan's method in displaced supracondylar fracture in children
7.	Evaluation of results of arthroscopic bankart repair in traumatic recurrent anterior shoulder instability in adult patients
8.	Comparative study between conservative and operative management of proximal humerus fracture
9.	A comparative study between role of open reduction & internal fixation by volar - plating with percutaneous k - wire fixation in the management of extra - articular fractures of distal radius adults
10.	A comparative study of results of primary internal fixation of open peri - articular fractures around knee with and without antibiotic impregnated polymethylmethacrylate beads
11.	A comparative study of the results of transtibial and transportal technique of creating femoral tunnel in arthroscopic anterior cruciate ligament reconstruction using hamstring tendon autograft
12.	A comparative analysis two technique of acetabular cup placement in total hip arthroplasty
13.	A comparative analysis of results of suspensory femoral fixation and interference screw femoral fixation in arthroscopic anatomical anterior cruciate ligament reconstruction with quadruple hamstring graft
14.	Evaluation of the ponseti technique in the treatment of idiopathic clubfoot in children 0 to 2 years of age in NBMC &H
15.	A study to evaluate the outcome of titanium elastic nail system (tens) in diaphyseal femoral fractures in children 6-15 years of age admitted in NBMC &H
16.	A comparative study of the results of conservative therapy, intra articular steroid injection therapy and intra articular hyaluronic acid injection therapy in primary osteoarthritis of knee
17.	Comparative study of treatment of supracondylar fractures of femur by locking plate and by distal femoral nail and analysis of their results
18.	Analysis of results of fractures involving distal third both bones of the leg stabilized by distal tibial locking plate using minimally invasive plate osteosynthesis technique with and without fixation of fibula
19.	Comparison of the results of intra - articular fracture of distal radius treated by closed reduction and plaster of paris cast with closed reduction and percutaneous pinning
20.	A comparative study on outcome of treatment of fractures of shaft of the femur by piriform fossa entry and tip of the greater trochanter entry intramedullary interlocking nails
21.	Short term follow-up analysis of results of total hip arthroplasty (tha) with indigenous ceramic implant
22.	Short term evaluation of distal radial intra-articular fractures managed by ligamentotaxis and jess application with or without distal radio-ulnar joint stabilisation in adult patients
23.	Short term evaluation of unstable thoraco - lumbar spinal injury treated by pedicle screw fixation
24.	Comparison of results of treatment of diaphyseal tibia fracture in adults by ender's nail and interlocking nail
25.	Evaluation of results of primary management of open tibial diaphyseal fracture in adults treated with ilizarov external fixator
26.	The surgical management of thoracolumbar fracture, based on tlicsthoracolumbar injury classification and severity score), by anterior and posterior approach : comparison of clinical and radiological outcome
27.	Results and analysis of arthroscopic bankart's repair in recurrent shoulder dislocation
28.	Evaluation of results of open reduction and internal fixation of acetabular fractures
29.	A comparative study of cross pinning versus two lateral pinning after closed reduction in displaced supracondylar humeral fracture in children
30.	The evaluation of results of internal fixation of closed displaced recent fracture shaft of humerus by mippo technique
31.	Evaluation of result of open reduction and internal fixation of open book injury of pelvis

**MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2012 – 2015**

SL. NO	E.N.T.
1.	A clinicopathological study of chronic maxillary sinusitis with special aspect of its management
2.	Clinico - audiological comparison between classical type 3 tympanoplasty and ossiculoplasty using autograft in patients with austin type a defect
3.	A study on paediatric myringoplasty with and without mastoid exploration
4.	Clinicopathological study of parapharyngeal tumours
5.	A comparative study of ligation versus bipolar diathermy for hemostasis and post - operative pain in tonsillectomy
6.	Comparative evaluation and correlation of preoperative endoscopic and computed tomographic findings with intraoperative functional endoscopic sinus surgery findings for sinonasal disease
7.	Assessment of eustachian tube function in middle ear diseases
8.	Role of otoendoscopy in ear disease evaluation and surgery
9.	Microbes of chronic otitis media - detection by culture, antibiotic sensitivity pattern and determination of ongoing trend
10.	A clinicopathological study of study of sinonasal masses in children
11.	Evaluation of tympanoplasty in children
12.	Clinical study and post - operative evaluation of parotid gland neoplasms
13.	A study of cartilage tympanoplasty in mucosal type of chronic otitis media in paediatric age group and impact of adenotonsillectomy in final outcome
14.	Study of impact of mastoid cavity obliteration procedure on canal wall down mastoidectomy in chronic otitis media squamous type
15.	A clinical study on chronic rhinosinusitis with clinical, radiologic and endoscopic in - correlation
16.	Efficacy of ultrasonography in determining the characteristics of solitary thyroid nodule - a radiohistopathologic correlate
17.	Study of benign glottic lesions undergoing microlaryngeal surgery
18.	Role of computed tomography in surgical planning for chronic otitis media
19.	A clinicopathological study of post - operative mastoid cavity
20.	Nasal endoscopy : evaluation as diagnostic tool in the management of sinonasal diseases
21.	A study on clinico - pathological spectrum of sino - nasal malignancy
22.	A comparative study between endoscopic middle meatalantrostomy and caldwell - luc surgery in the treatment of chronic maxillary sinusitis

SL. NO	PAEDIATRICS
1.	A study of correlation between disease course, outcome and electrolyte & Acid - base status of sick newborn admitted in nicu in a tertiary care hospital
2.	Risk factors for mortality in community acquired pneumonia among children aged 1-59 months admitted in a tertiary care hospital
3.	Nutritional profile as a predictor of post induction outcome in children with acute lymphoblastic leukaemia
4.	A study of atherosclerotic risk factors in children with nephrotic syndrome in a tertiary care setting
5.	Study on HIV / TB coinfection in children with special reference to the type of tuberculosis and its relation to CD4 percentage/count
6.	A study on Haematological profile in babies delivered to mothers with pre- eclampsia & eclampsia and its relation with neonatal sepsis
7.	Study on adverse effect of anti - retroviral therapy (ART) in paediatric population with special reference to haematological and liver function status
8.	Study of factors influencing quality of life among HIV infected children and adolescent - regional paediatric art centre based study
9.	Etiological profile, clinical course and outcome of severe neonatal thrombocytopenia in a tertiary care hospital in Kolkata
10.	Correlation of Vitamin D deficiency with asthma in paediatric population
11.	Role of interleukin - 6 and interleukin - 10 for early diagnosis of neonatal sepsis
12.	Detection of Hemoglobinopathies by HPLC in Microcytic hypochromic anemia in children
13.	Effect of phototherapy on platelets in full term neonates with indirect hyperbilirubinemia
14.	Efficacy of mycophenolate mofetil therapy in children with frequently relapsing nephrotic syndrome
15.	Clinical profile changes with use of methotrexate and sulfasalazine in cases of juvenile arthritis
16.	Vitamin D levels in children with idiopathic musculoskeletal pain
17.	A clinico - epidemiological study of acute encephalitis syndrome with special reference to acute disseminated encephalomyelitis in children
18.	Clinical spectrum of rheumatic heart disease in pediatric & adolescent patients attending BSMC&H, Bankura
19.	Alternate female kangaroo mother care to alleviate procedural pain in preterm neonates : A cross over study
20.	Prevalence of auditory dysfunction in high risk neonates using oto acoustic emission (OAE) and auditory brainstem response (ABR) as screening tools
21.	Prevalence determinant and associated comorbidities of over weight and obesity in 6-12 yrs, old school children of Kolkata garrison
22.	Correlation between maternal height and weight with intrauterine growth restricted babies at term
23.	Anthropometry in childhood nephrotic syndrome : A cross sectional study
24.	Febrile convulsions in children relationship of family history and nutritional status to age of presentation and type of febrile convulsion
25.	Study of CSF electrolytes in birth asphyxia
26.	A hospital based cross sectional study on clinical and investigational profile of suspected cases of enteric fever
27.	A study on clinical profile, electrolytes status, electroencephalographic changes and outcome of febrile seizures
28.	Determinants of severe acute malnutrition in children under 5 yrs of age and their outcome after rehabilitation in nutrition rehabilitation center at Dr. B C Roy, PGIPS, Kolkata
29.	A hospital based study on the prevalence of meningitis on the basis of birth weight in septic neonates
30.	Study of renal involvement following perinatal asphyxia
31.	Relationship of acute respiratory infection in children up to 2 yrs of age with mode of delivery and neonatal events
32.	Ultra sonographic measurement of liver and spleen length/span in normal neonates and infants up to 3 months of age in relation to anthropometry in a tertiary care hospital
33.	Clinical, epidemiological, haematological and radiological aspects along with treatment strategies of severe pneumonia in children admitted in tertiary hospital and various factors associated with adverse outcome
34.	Serum prolactin level in perinatal asphyxia and its correlation with severity of asphyxia
35.	Evaluation of thyroid hormones, prolactin, insulin in children on prolonged valproate monotherapy for epilepsy
36.	Role of theophylline in preventing acute kidney injury in neonates with severe perinatal asphyxia
37.	Assessment of correlation between thyroid function with cardiac status in multi - transfused non chelated thalassaemia patients
38.	An epidemiological study on hypoxic ischaemic encephalopathy and incidence of acute renal failure in it and its correlation with the clinical stages of hypoxic ischaemic encephalopathy
39.	An epidemiological and clinical study of admitted patients with febrile convulsion in a tertiary care hospital in W.B. with special reference to the incidence of bacteremia & local infection
40.	Effect of Vitamin D supplementation on outcome of acute respiratory tract infection in under five children a hospital based case control study
41.	To study usefulness of cord blood albumin as a predictor of neonatal hyperbilirubinaemia
42.	Comparative study between two serological tests in diagnosis of enteric fever
43.	A study of electrocardiographic and echocardiographic patterns in multitransfused, non chelated beta thalassaemia patients and its correlation with the number of transfusions and body iron status

44.	Study of electrolyte changes in neonates > _ 35weeks of gestation receiving phototherapyfor neonatal hyperbilirubinimia in a tertiary care hospital
45.	A prospective study on thyroid funtion in children with epilepsy treted with sodium valproate monotherapy
46.	The clinico - etiological spectrum of childhood disability in North Bengal
47.	Association of serum ferritin and other inflammatory parameters with febrile seizure - A cross sectional study
48.	Clinical risk index for babies score II (cribs - II) for prediction of neonatal mortality and neuro developmental outcome of very low birth weight (VLBW) newborns)
49.	Culture and sensitivity patterns in neonates on ventilatory support suffering from neonatal sepsis in a tertiary care teaching hospital
50.	Study on very low birth weight babies with special emphasis to neurodevelopmental outcome
51.	Study on correlation of 25 hydroxy vitamin D levels in healthy mothers and their babies and its association with vitamin D deficiency and respiratory tract infections in infancy
52.	Comparison of immediate outcome of children with empyema thoracis who receive intrapleural streptokinase along with intercostal drainage versus intercostal drainage alone
53.	Epidemiological study of neonatal septicemia in hospital delivered babies in a tertiary care hospital
54.	A study of clinico – radiological profile in children with neurocysticercosis at a rural medical college in west Bengal

SL. NO	PATHOLOGY
1.	Clinical-histological correlation of colonoscopic biopsy in disorders of colon
2.	Basal cell carcinoma in eastern india a histopathological study with special reference to clinicopathological correlation and cd10 expression
3.	Human papilloma virus infection of uterine cervix and spectrum of cervical pathology in hiv/aids
4.	Prevalence of development of transfusion transmitted infections in multiply transfused thalassemia major patients
5.	The Bethesda system for reporting thyroid fine needle aspirates with histologic follow up
6.	Histopathological study of mucin expression in known poorly differentiated squamous cell carcinoma cases of cervix and its clinicopathological significance
7.	Correlation study of fine needle aspiration cytology imprint cytology and histopathology in soft tissue tumors
8.	Study of malignancy of oral cavity and pharynx with special reference to etiological factors and vegf expression
9.	Types and pathogenesis of anemia in hiv seropositive art naïve patients in a tertiary care hospital
10.	Clinicopathological study of gastric carcinoma with special reference to helicobacter pylori infection
11.	Study of cervical cytology with special to morphometry and proliferative activity (ki67 & pcna)
12.	Molecular classification of breast carcinoma from an immunohistochemical approach with special reference to nf - k $\beta$ immunostaining
13.	Cytological and histopathological correlation of cervical lymph node lesions with special reference to detection of metastasis
14.	Comparison between fnac and core needle biopsy to diagnose breast carcinoma in the light of immune markers
15.	Evaluation of intraoperative cytological smears for diagnosis of brain tumors
16.	Prevalence of p53 mutation in head and neck cancer in a tertiary care hospital in eastern india
17.	To study the spectrum of proliferative endometrial lesions in a tertiary care hospital with special reference to hormone receptor status and proliferative activity in perimenopausal age group
18.	Study of imprint smears of bronchoscopic biopsy & comparison between toluidine blue staining and mgg staining with histopathological correlation in suspected cases of lung carcinoma
19.	Cytological evaluation of pituitary tumors with histopathological correlation and immunological assessment with the help of ki - 67, p53, prolactin, acth and gh
20.	Co - expression of cdx2 and ki - 67 in gastric carcinoma : correlation with histological types and clinico - pathological parameters
21.	Study of premalignant & cervical lesion with special reference to proliferative activity & hpv status
22.	Study of histopathologic al features, er, pr, her- 2 - neu expression in patients of breast carcinoma following chemotherapy
23.	The prognostic significance of pre operative thrombocytosis in patients with epithelial ovarian neoplasm
24.	Incidental findings of pathological lesions of adrenal gland from routine autopsy of medicolegal cases
25.	Spectrum of placental pathology in preterm labour and its correlation with perinatal outcome
26.	A study on pattern of different prostatic lesions with reference to serum prostate specific antigen (psa) level among autopsy cases
27.	Clinico - pathological spectrum of epithelial ovarian tumors and expression of her2/neu in malignant neoplastic lesions on immunohistochemistry
28.	A clinicopathological study of ovarian tumours with special reference to serum ca - 125 and ada level
29.	Endometrial changes in hysterectomy specimens from patients of abnormal uterine bleeding in perimenopausal age - group : a clinico - histopathologic correlation
30.	Subtle ovarian stromal changes in endometrial hyperplasia
31.	Histomorphological study of placenta in low birth weight infants
32.	Comparative study of the mast cells in different pathological type of surgically resected appendix specimens
33.	Comparative study of exfoliated oral mucosal cell micronucleifrequency in normal and user of oral tobacco in any form, progressing to malignancy
34.	Clinicohistopathological study of lichen planus
35.	Comparative study of the efficacy of each of the procedures of bone marrow aspiration, trephine biopsy and imprint cytology in diagnosis of bonemarrow involvement of patients presenting with lymphoma and confirmed by immunohistochemistry
36.	A study of histopathological and immunohistochemical findings of resected specimen of colorectal carcinoma
37.	Histopathological and morphological study of placenta in anemic mothers with comparison to normal placenta
38.	Study of histopathological changes of kidney and liver fatal burn injury
39.	STUDY OF EPIDEMIOLOGICAL FACTORS andki - 67 EXPRESSION IN PREMALIGNANT AND MALIGNANT SQUAMOUS LESIONS OF CERVIX
40.	Study regarding significance of ki 67 antigen expression in ovarian eopl asms and its correlation with histopathological type grade and stage of the malignant tumour
41.	Role of fine needle aspiration cytology in pediatric abdominal mass - a study in a tertiary care hospital
42.	Study of the role of ki 67 in guiding neoadjuvant therapy in breast carcinoma

43.	Study of cytohistological correlation in solitary thyroid nodule with importance of ki 67 and p53 immunostaining
44.	Evaluation of cytology and hpv serology as a screening procedure in clinically suspected cases of precancerous and cancerous lesions of cervix in perimenopausal women along their histopathological interpretation
45.	A study of analyze the correlation between prostate specific antigen and grading of malignant lesion of female breast
46.	Clinico pathological correlation of hansens disease in nbmc &h
47.	Spectrum of hemoglobinopathis in children of tea garden workers
48.	A study on iron status in blood donors in a tertiary care institute of north bengal
49.	A clinicopathological study of prostatic needle biopsy and its correlation with serum psa (prostate specific antigen) level with special reference to immunohistochemistry for 34be12 in suspected malignant cases
50.	A clinical pathological study on endometriosis with special reference to cd10 marker
51.	Role of fine needle aspiration cytology (fnac) as a diagnostic tool for breast malignancy along with comparative evaluation of immunocytochemistry and immunohistochemistry for estrogen and progesterone receptor status study
52.	Study of coagulation profile in patients undergoing laparoscopic cholecystectomy
53.	A study of cytokeratins 5/6 and 14 expression in 50 cases of breast cancer
54.	Histopathological evaluation of endometrium in peromenopausal women presenting with abnormal uterine bleeding
55.	Comparative study of fnac and histopathology in the diagnosis of nodular thyroid swellings and their correlations
56.	Evaluation of role of usg guided fine needle aspiration cytology to diagnose hepatic sol in comparison to clinico - radio - biochemical findings

SL. NO	PHARMACOLOGY
1.	An observational comparative study regarding efficacy & safety between add- on pioglitazone & metformin in uncontrolled type - 2 diabetes mellitus patients treated with oral drugs
2.	A comparative evaluation of intranasal dexmedetomidine and intranasal midazolam for premedication in children - a double blind randomised control trial
3.	Efficacy and tolerability of topical sertaconazole versus topical terbinafine in localised dermatophytosis : a comparative study
4.	Drug utilization study for selected paediatric population with epilepsy in a tertiary care hospital
5.	Compararing the impact of counselling and monitoring reinforcement vis-à-vis routine care on treatment adherence, outcome and quality of life in adult asthma and copd patients - an outcomes research study
6.	An open label prospective study on evaluation of safety & efficacy of cilnidipine over amlodipine in stage 1 hypertensive patients
7.	Clinical biochemical and experimental evaluation of chemotherapy induced adverse drug reations in head and neck cancer patients
8.	Evaluation of empirical antimicrobial therapy in clinically diagnosed cases of enteric fever in children in a tertiary care hospital
9.	Evaluation of levels of oxidative stress as a potential biomarker in patients with rheumatoid arthritis
10.	Assessment of antimicrobial use pattern in paediatric intensive care unit in a tertiary care hospital
11.	Clinical effectiveness and safety of generic versus branded amlodipine in hypertension : a single blind prospective randomized cross over non inferiority trial
12.	A study of antimicrobial use in children admitted to paediatric medicine ward of a tertiary care hospital
13.	Oxidative stress in vitiligo ; is there a role for antioxidants like piper betle ?
14.	Effectiveness and safety of ilaprazole versus rabeprazole in patients with uninvestigated dyspepsia : a randomised controlled trial
15.	Role of metformin versus topiramate in preventing olanzapine associated weight gain and metabolic syndrome
16.	A randomised parallel group, open labelled prospective study comparing effect of evening versus morning intake of levothyroxine on serum tsh and ft4 in patients of hypothyroidism



MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2012 – 2015

SL. NO	P.M.R.
1.	A study to compare efficacy of splint with local steroid injection & splint with therapeutic ultrasound in the treatment of quervain's disease
2.	Electrophysiological correlation of clinical improvement pattern due to electrical stimulation in patients suffering from recent onset bell's palsy
3.	Comparison of electrophysiological changes with clinical improvement of motor function due to rehabilitation after traumatic injury of median and/or ulnar nerve in forearm
4.	Clinical and functional outcome assessment of rehabilitation after total knee replacement

SL. NO	PHYSIOLOGY
1.	A study on cardiovascular autonomic function tests on young healthy males and females
2.	A study on pulmonary function, body mass index, height, weight and chest circumference in long distance runners
3.	A study on cardiovascular fitness in male type 2 diabetes mellitus patients of short duration without any clinical cardiac illness
4.	A study on cardiovascular risk factors among the women taking low dose combined oral contraceptive pills
5.	Spatial memory and tau-protein phosphorylation in hippocampus in sucrose induced rat model of type-2 diabetes mellitus
6.	Study of the effect of diabetes on lung function and correlation of duration of diabetes and pulmonary function tests in 2 diabetes mellitus patient
7.	Neuroelectrophysiological evaluation of carpal tunnel syndrome before and after surgical intervention
8.	Study of pulmonary function tests in healthy school children of 6-12 yrs of age in howrah district of west bengal in eastern india
9.	A study of visual evoked potential for functional assessment of visual pathway in ophthalmologically normal diabetes mellitus patients attending diabetic clinic of r.g.k.m.c &h, kolkata
10.	Study of peripheral nerve function in prediabetes (ifg/igt) and comparison to type 2 diabetes mellitus
11.	The study of auditory brainstem response in acquired chronic conductive hearing loss in juvenile & young adults
12.	Hematological features of b-thalassemia and other hemoglobinopathies - a study in a teaching hospital of kolkata
13.	Study of pulmonary function test in normal pregnant(second and third trimester) and non pregnant women
14.	Study of heart rate and blood pressure responses to steady treadmill exercise in obese and overweight young adults
15.	Echocardiographic evaluation of right ventricle in different stages of chronic obstructive pulmonary disease and correlation with severity of the disease
16.	Evaluation of ventricular function using t wave morphology parameters in normal subjects and patients of diastolic dysfunction attending cardiology out patients' dept. Of mch, kolkata
17.	Correlation between severity of mitral stenosis and pulmonary function in non-smokers
18.	Study on heart rate variability during menstrual cycle and its correlation with endogenous sex hormones in young women
19.	Study of pulmonary function tests in primary hypothyroidism
20.	Study of electrocardiographic changes in post cerebrovascular accident patients during recovery
21.	A study to find correlation between spirometry and different patterns of interstitial lung disease detected in hrct scan of thorax
22.	A comparative study of the hematological parameters in mothers with normal pregnancy and pre - eclampsia
23.	A study on electro-cardiographic and lipid profile changes in newly diagnosed hypothyroid subjects at bmc&h, burdwan

**MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2012 – 2015**

SL. NO	PSYCHIATRY
1.	Behavioural and psychological symptoms of dementia a crosssectional comparative study between alzheimers vascular and fronto temporal dementia
2.	A study on social cognition & social functioning in schizophrenic patients
3.	A cross sectional term study of patient with dissociative disorders
4.	The role of life events obsessive - compulsive disorders
5.	family burden and quality of life in primary caregivers of patients with schizophrenia, bipolar affective disorder and depression - a comparative study
6.	A comparative study of childhood and adolescent bipolar disorder with or without anxiety disorder co-morbidity and its clinical implications
7.	Study on quality of life and psychopathology in parents of children with attention deficit hyperactivity disorder
8.	Assessment of association between depression and high sensitive c - reactive protein (HS - CRP)
9.	A study on delirium with emphasis on occurrence etiology and short term outcome in a tertiary care hospital
10.	Perceived stress and quality of life of caregivers of children with mr and adhd in a rural population
11.	A comparative study to evaluate disability among patients with schizophrenia bipolar affective disorder & desessive compulsive disorder attending psychiatry opd of tertiary medical college of WB

SL. NO	RADIOTHERAPY
1.	A comparative study between treatment of locally advanced squamous cell carcinoma of cervix by concomitant chemoradiation and neoadjuvant chemotherapy followed by concomitant chemoradiation
2.	Evaluation of changes in spirometry and 6minute walk test following thoracentesis in for symptomatic pleural effusion
3.	Comparative study of concomitant chemoradiation versus concomitant chemoradiation followed by high dose rate intraluminal brachytherapy in locally advanced esophageal carcinoma
4.	Prospective comparative study of non metastatic locally advanced non small cell lung cancer with neoadjuvant chemotherapy followed by chemoradiotherapy compared with chemodotherapy alone
5.	A comparative study of treatment outcome in advanced oral cavity and oropharyngeal cancers in older and younger age groups by chemoradiation
6.	Comparative study of concomitant chemoradiation in locally advanced head & neck cancer - between weekly single agent v/s three weekly combination chemotherapy
7.	A randomised comparison of concurrent chemoradiotherapy using weekly versus three weekly cisplatin in head and neck squamous cell carcinoma
8.	Three weekly versus weekly concomitant chemoradiation with cisplatin in locally advanced head and neck cancer - A prospective, randomised study
9.	A prospective randomized trial showing impact of neoadjuvant chemotherapy on downstaging tumours comparing anthracycline based versus taxane based regime in locally advanced carcinoma breast in female
10.	A prospective randomized trial comparing neoadjuvant chemotherapy followed by concomitant chemoradiation versus concomitant chemoradiation alone in locally advanced inoperable head and neck squamous cell carcinoma
11.	A prospective randomized study to compare tumour response and toxicities in two different time - dose fractionation regimens of high dose rate intracavitary brachytherapy using cobalt-60 source after chemoradiation in locally advanced carcinoma of cervix
12.	A prospective comparative study of hyperfractionated radiotherapy alone versus concurrent chemoradiation with conventional fractionation in locally advanced squamous cell carcinoma of head and neck
13.	A prospective study of paclitaxel plus carboplatin versus vinorelbine plus cisplatin as induction chemotherapy followed by concomitant chemoradiotherapy in locally advanced non small cell lung cancer
14.	A prospective study using weekly paclitaxel along with radiation in locally advanced non small cell lung cancer to evaluate clinical outcome
15.	A study to evaluate the adequacy of pelvic lymph node coverage in carcinoma cervix patients in Indian population by conventional four field box technique using computerised tomography(CT) simulation based pelvic lymph node contouring
16.	A prospective randomized study of post operative concomitant chemoradiation with intravenous 5 fluorouracil and leucovorin versus oral capecetabine in carcinoma rectum

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2012 – 2015

SL. NO	RESPIRATORY MEDICINE
1.	A study on clinical profile of chronic obstructive pulmonary disease among non smokers
2.	Evaluation of cavitory and cystic lesions by chest imaging among symptomatics with special reference to non - tuberculous aetiology
3.	A study on lung cancer in non smokers and smokers in a tertiary care hospital of eastern india
4.	Factors contributing to delay in diagnosis of lung cancer with special reference to high risk population -- a cross sectional study in a tertiary hospital
5.	Cardiovascular comorbidities in diffuse parenchymal lung disease : a cross sectional study in a tertiary care centre
6.	An observational study on pleural effusion in a tertiary care hospital
7.	An observational study to assess the bacteriological profile by sequential culture of tracheal aspirate among intubated patients in respiratory care unit
8.	A study of relationship between high resolution computed tomography scoring, 6 minute walk test and gold (global initiative for chronic obstructive lung disease) staging in case of chronic obstructive pulmonary disease
9.	A study of incidence and prognosis of hyponatremia in patients admitted in respiratory care unit
10.	A study of different cytological typing of primary bronchogenic carcinoma and their different diagnostic methods with special reference to ultrasonography guided fine needle aspiration cytology
11.	A study on clinical radiological and bacteriological profile of community accquired pneumonia in a tertiary hospital
12.	A study on factors affecting inhalation treatment complainance in branchial asthma in a district medical college hospital
13.	Evaluation of changes in spirometry and 6 - mins walk test following thoracentesis for symptomatic pleural effusion

SL. NO	TROPICAL MEDICINE
1.	Study on hepatitis b virus treatment response among hiv/hbv co-infected subjects following 6 months of antiretroviral therapy with tenofovir, lamivudine and efavirenz
2.	A clinical -microbiological study of tuberculosis in immunocompromised and immunocompetent patients
3.	Study of mucocutaneous manifestations in hiv/aids and its correlation with cd4 count
4.	Ecg and echocardiographic changes in patients with cirrhosis of liver
5.	A study of adverse drug reactions patients of tuberculosis and / or hiv infection receiving standard treatment regimes
6.	A comparative study of clinical, radiological and laboratory parameters of community acquired lrti of less than 2 weeks duration and assessing the response to standard treatment guidelines among hiv - infected and hiv non - infected adults attending a tertiary care centre in kolkata

SL. NO	GENERAL SURGERY
1.	A study of spectrum of oral cancer in indian patients.
2.	Efficacy and safety of total thyroidectomy in benign thyroid diseases.
3.	A clinical pathological study of benign breast lumps to find out age specific prevalence rate.
4.	Evaluation of effect of pre-operative carbohydrate loading on out come in major gastro intestinal tract surgery:a case control study in a tertiary care centre.
5.	Study of exteriorisation of intertinal anastomosis as an acternatiue to stoma creation.
6.	Hospital acquired infections in oatients with major trauma – outcome evaluation in a tertiary care hospital.
7.	Comparative study of quality of life between palliative and non palliative management in cases of inoperable periampullary cancer.
8.	A study of etiopathology of lumpa of wrist and hand with special emphasis on the management options of ganglion.
9.	Assessment of quality – of – life (qol) in patientes undergoing conventional ventral hernioplasty.
10.	Comparison of pain relief by topical anesthetic cream and diclofeac suppository after anal surgery: a randomized clinical trial.
11.	A study of traumatic small intestinal perforation with reference to the factors determining outcome.
12.	Assessment of efficacy of ultrasound and guided fine needle aspiration cytology for preoprative eveluation of axillary metastasis in carcinoma breast.
13.	A study on the risk factors clinical presentation and histological type of breast cancer in female patients attending in a tertiary care hospital.
14.	Analysis of alvarado score and radiology in case of acute appendicitis correlating with operative and histopathological findings.
15.	Quality of life outcomes in patients with colostomy and ileostmy with reference to psychosocial problems and surgical complications.
16.	A compalative study between single incision laparoscopic cholecystectomy using conventional instruments vs. Conventional four port laparoscopic cholecystectomy
17.	A study of the variations in the vascular anatomy of the calots triangle detected during
18.	A study of patients with duodenal perforation with reference to their clinical profile, surgical outcome and follow up with rapid urease test and endoscopy.
19.	Clinicopathological study of diabetic foot ulcer and its management protocol according to wagners classification.
20.	Surgical audit of peptic perforation in bankura sammilani medical clegee and hospital bankura on tribes from adjoining rural areas.
21.	A prospective study of severity of acute cholecystitis using tokyo guidelines and its implication in treatments.
22.	A study to evaluate the role of post operative antibiotics in cases of acute non perforated appendicitis.
23.	A comparative study of wound dressing with platelet derived groth factor, epidermal growth factor and normal saline in chronic wounda in adults.
24.	A syudy of nonsurgical treatment & surgical tretment for chronic analfissure.
25.	Prospective randomized comparative study to assess the efficacy of lalac amikacin in prevention of delayed port-site infection after laparoscopic cholecystectomy
26.	A prospective study of different complications following laparoscopic surgery in a tertiary care hospital in eastern india.
27.	A clinicopathological study on small intestinal perforations in adults.
28.	A comparative study on efficacy of evening primrose oil,danazol and centchroman on adni with special emphasis on fibroad enosis.
29.	Clinical study and management of blunt abdominal trauma in a rural based teaching hospital.
30.	A study of early versus delayed laparoscopic cholecystectomy for acute cholecysitis.
31.	Clinicopathological study of epididymorchitis with special reference to filariasis as an etiological factor
32.	Role of fungal infection in burn wounds influncing the morbidity and the mortality of burn patients.
33.	A clinicopathological study of diabetic foot ulcer and prevalence of peripheral vascular disease in diabetic foot.
34.	To evaluate the efficacy of voided urinary cytology imaging and cystoscopy in the detection of new and recurreet patients of bladder cancer.
35.	Comprehensive analysis of enterocutaneous with special reference to total parenteral nutrition in its mangement.
36.	A prospective study to assess the risk factors contributing to laparoscopic cholecystectomy conversion.
37.	A comparative study of low anal fistula management with open fistulectomy and fistulectomy with primary closure.
38.	Evaluation and correlation of clinicopathological and radiological findings of axillary node positivity in clinically node negative carcinoma breast
39.	Role of certain per-operative procedures on post operative surgical site infection in cases of hollow viscus perforation.
40.	A comparative study between omentopexy and omental plugginal perforation.
41.	A study to compare ultrasound, guided fnac with histopathology findings in nodular goitre of thyroid.
42.	Comparative evaluation of clinico-pathological spectrum of gallstone disease in type-2 diabetic and nondiabetic patients.
43.	A prospective study of carcinoma breast, to evaluate the clinical patiern and assess the clinicoradiological and pathological accuracy in assessment and staging
44.	Prospective comparative study between defunctioning loop colostomy and diefunctioning loop ileostomy in colorectal anastomosis

45.	A study on incidence of occult carcinoma of gall bladder undergoing cholecystectomy for gall stone in a rural medical college.
46.	Comparative study of treatment of breast abscess between usg guided aspiration versus incision and drainage in young females of bankura.
47.	Prognostic significance cytology in patients with gastric cancer.
48.	A prospective study of outcome in colorectal surgery adopting enhanced recovery after surgery (eras) protocol.
49.	Prospective analysis of psycho-social and surgical outcome of breast reconstruction following mastectomy.
50.	Study of abdominal wound dehiscence in patients undergoing laparotomy with different techniques of wounds closure.
51.	A study of incidence and pattern of surgical site infections in emergency surgery.
52.	A comparative study of risk factors and role of preoperative antibiotic prophylaxis in prevention of surgical site infections.
53.	Evaluation of apache II score in patients with perforative peritonitis as a predictor of outcome.
54.	Role of preoperative serum albumin and body mass index as predictors of outcome in open major abdominal surgery.
55.	A study on the efficacy of various drugs used in the treatment of mastalgia.
56.	A clinical review study on complications of bowel ostomies and related predisposing factors.
57.	Preoperative serum albumin and body mass index as a predictors of postoperative morbidity and mortality in elective major general surgeries.
58.	A clinical study of spectrum of injuries due to blunt trauma abdomen requiring laparotomy and its outcome.
59.	Comparative study of open cholecystectomy skin closure with non-absorbable interrupted and absorbable subcuticular suture.
60.	A clinicopathological study of abdominal tuberculosis with special emphasis to its role in causing subacute intestinal obstruction.
61.	Study of risk factors of carcinoma of gall bladder in a tertiary care centre of north bengal region.
62.	Comparative study of modified alvarado score and graded compression ultrasonography in the diagnosis of acute appendicitis.
63.	A study on the spectrum of neonatal intestinal obstruction in tertiary care centre in north bengal region.
64.	A clinico-bacteriological study of post operative wound infection after emergency laparotomy in tertiary care centre in eastern india.
65.	An epidemiological and clinicopathological study of carcinoma penis.
66.	Evaluation of clinical course and management strategy of gallstone pancreatitis
67.	A study of correlation between a positive bile culture & subsequent wound infection after biliary surgery in patients with or without intraoperative bile/gallstone spillage.
68.	A comparative study between different medical treatment modalities for cyclical mastalgia in premenopausal women
69.	A study on the correlation of post-operative intra abdominal pressure with outcome in patients undergoing emergency laparotomy.
70.	A clinicoradiological study of pain patients in patients with chronic pancreatitis and outcome of surgical intervention on pain relief.
71.	Clinicopathological correlation of helicobacter pylori infection with gall stone diseases.
72.	Epidemiology of perforated peptic ulcer disease in medical college & hospital kolkata.
73.	Role of neoadjuvant chemotherapy in inoperable locally advanced breast carcinoma.
74.	A CLINICOPATHOLOGICAL STUDY OF $\beta$ THALASSAEMIA PATIENTS UNDERGOING SPLENECTOMY WITH SPECIAL REFERENCE TO HEPATIC IRON OVERLOAD.
75.	Clinicopathological study and management of incidentally detected carcinoma gall bladder and nonicteric gall bladder mass.
76.	Study of bisap score as a predictor for prognosis & clinical outcome in acute pancreatitis.
77.	A comparative study of surgical site infections in patients following emergency and elective general surgical procedures.
78.	Comparative study of pre or post operative endoscopic removal versus operative removal of common bile duct stones.
79.	Comparative study between chemical sphincterotomy in the management of chronic anal fissure.
80.	Comparative study of ripasa and alvarado scoring in diagnosis of acute appendicitis and their correlation with the operative and histopathological findings
81.	Comparative study of ripasa and alvarado scoring in diagnosis of acute appendicitis and their correlation with the operative and histopathological findings
82.	An observational study on the incidence of her-2 / neu receptor over expression and comparison of clinical presentation between her-2/neu positive and her-2/neu negative breast cancer



SL. NO	GENERAL MEDICINE
1.	To study clinical correlation between diabetic retinopathy and coronary artery disease in type 2 diabetes mellitus.
2.	Hypomagnesemia in critically ill patients and its association with morbidity and mortality.
3.	Hcv profile in ckd patients.
4.	A study to determine the prevalence of hearing disturbance in patients of diabetes mellitus in a tertiary care institution.
5.	A study on cardiovascular risk factors in prehypertensive patients in a tertiary care institute.
6.	Basal-bolus insulin therapy during switching over from continuous i.v. regular insulin to s.c. insulin therapy as compared to conventional regimens in type – 2 diabetes patients admitted in general intensive care unit.
7.	Changes in anthropometry hepatic fat and biochemical parameters in obese individuals after life style intervention therapy.
8.	Study of epicardial fat and diastolic dysfunction and its association with non – alcoholic fatty liver in adults with abdominal obesity.
9.	Study of thyroid hormone abnormalities in patients of dialysis independent chronic kidney disease.
10.	Study of relation of serum magnesium level glycemic control in diabetes mellitus.
11.	Correlation between ankle-brachial index and renal function in patients with diabetes.
12.	Spectrum of clinical presentation of male systemic lupus erythematosus patients with special reference to disease activity and monitoring of organ involvement in our institute.
13.	Spectrum of clinical presentation of female ankylosing spondylitis and its comparison with male counterparts in our institute.
14.	Evaluation of prevalence of chronic diseases and frailty in geriatric persons attending in a tertiary care hospital.
15.	A study on diastolic dysfunction in diabetes mellitus and its correlation with microalbuminuria.
16.	A study on electrocardiographic and echocardiographic abnormalities in chronic obstructive pulmonary disease (copd)
17.	Study on the profile of diastolic dysfunction among the newly diagnosed hypertensives attending a tertiary care hospital in kolkata.
18.	Proportion of microvascular complication in prediabetes.
19.	A comparative study between the effect of mannitol and mnnitol and glycerol in the treatment of cerebrovascular accident patient.
20.	Serum ascites albumin and cholesterol gradient in decompensated alcoholic liver disease tuberculous peritonitis and malignant ascites.
21.	A study of prevalence of primary hypothyroidism in recently diagnosed type 2 diabetes mellitus in a tertiary care hospital.
22.	A study to determine the correlation between mean platelet volume and outcome of acute ischaemic stroke.
23.	Study of serum vitamin-d levels in newly diagnosed pulmonary tuberculosis patients.
24.	A study of renal function in newly diagnosed rheumatoid arthritis patients and its correlation with disease activity.
25.	Prognostic significance of plasma glucose level in acute ischaemic stroke.
26.	Microalbuminuria in hypertension and its relationship to target organ damage.
27.	Magnitude of hepatitis a,b,c,e and hiv virus seropositivity among patients with acute icteric hepatitis in a tertiary care centre,kolkata.
28.	A study on correlation among different electrocardiographic (ecg) criteria for left ventricular hypertrophy and left ventricular mass index in hypertensive patients and evaluation of new score.
29.	A study of clinical and magnetic resonance imaging characteristics in cases of acute meningoencephalitis in immunocompetent adults in a tertiary care hospital of eastern india.
30.	Evaluation of high sensitivity c reactive protein in cerebrospinal fluid analysis in various types of meningitis in adults.
31.	Correlation of tmt mpi & coronary angiography in patients of coronary artery disease.
32.	Efficacy of pleural fluid alkaline phosphatase and its ratio to serum level in distinguishing exudates from transudate and its role in diagnosing tubercular pleural effusion.
33.	Outcome of alcoholic hepatitis-observation of clinical biochemical and sonographic parameters with reference to glasgow alcoholic hepatitis score.
34.	A comparative evaluation of efficacy and tolerability of methotrexate versus methotrexate and sulphasalazine combination therapy in early rheumatoid arthritis with low and moderate disease activity and in absence of poor prognostic factors.
35.	Nerve dysfunction in patients with end stage renal disease and causative role of potassium – a hospital based study.
36.	A prospective incidence study of symptomatic seizure and their clinicoelectrophysiological and neuroimaging correlation in a tertiary care centre.
37.	An observational study to detect anaemia and associated iron deficiency in common cancer patients in india at presentation.
38.	A study on the ecg findings in acute stroke with special reference to qt dispersion qt duration and st-t changes and its relation with the type of stroke hemispheric localization and size with short term prognosis.
39.	A prospective study on peripheral intravenous catheter related phlebitis and its risk factors.
40.	A study of changes in liver function test and serum pancreatic enzyme levels and creatine phosphokinase level in cases of acute organophosphorous poisoning.
41.	Serum gamma glutamyltransferase in acute ischaemic stroke,its clinical significance and association with serum lipid profile.
42.	Clinico-epidemiological features and determinants of morbidity and mortality in patients with snake bite.
43.	A study of csf lactic acid in cases of meningitis.
44.	A STUDY ON ASSESSMENT OF hba <sub>1c</sub> LEVEL AS A DIAGNOSTIC CRITERION OF TYPE 2 DIABETES MELLITUS.
45.	A study on lipid profile blood sugar and liver enzyme in non-alcoholic fatty liver disease.
46.	A clinical study of overt hypothyroidism with special references to electrocardiographic and echocardiographic changes.

47.	A study of thyroid profile in chronic kidney disease.
48.	Gender differences in acute stroke: epidemiology, clinical presentation and in-hospital outcome.
49.	Clinically suspected acute meningitis in adults- a hospital based study of clinical and epidemiological features.
50.	Prevalence of metabolic syndrome in copd (chronic obstructive pulmonary disease)
51.	A study on the patients admitted with attempted suicidal poisoning in a tertiary care hospital in north bengal with respect to the pattern of poisoning, socio-demographic profile of the patients and their in hospital outcome.
52.	Profile of serial ecg changes in acute cerebrovascular accidents with special references to stroke type location and in hospital outcome.
53.	A study of clinical profile of patients of acute encephalitis syndrome and their in – hospital outcome in a tertiary care centre of north bengal
54.	Study on prevalence of novel risk factors in patients of cerebrovascular disease not having traditional risk factors.
55.	ESTIMATION OF CEREBROSPINAL FLUID ADA & hscrp LEVELS IN DIFFERENTIAL DIAGNOSIS OF MENINGITIS IN ADULTS.
56.	Clinicoradiological profile of ischemic stroke patients with special reference to cognitive dysfunction in a tertiary care hospital.
57.	A study of clinical profile and cardiovascular changes in patients with chronic liver disease in a tertiary care centre.
58.	Clinico microbiological profile of elderly patients with sepsis and correlation with microalbuminuria as a prognostic in kolkata.
59.	A cross-sectional study on the barriers to drug adherence of type 2 diabetes mellitus.
60.	A study on spectrum of thyroid dysfunction in chronic liver diseases.
61.	A cross sectional study to find the association of pulmonary arterial hypertension in rheumatoid arthritis by noninvasive screening test (echocardiography)
62.	Spectrum of anaemia associated with chronic liver diseases.
63.	Prevalence of subclinical atherosclerosis and endothelial dysfunction in patients with early rheumatoid arthritis as measured by carotid intima media thickness and flow mediated vasodilatation.
64.	A clinicopathological follow up study of sle patients on treatment and follow up with repeat kidney biopsy in selected patients.
65.	A study showing effect of vitamin d3 supplementation of functional status of patients with primary knee osteoarthritis.
66.	A study on association between microalbuminuria and hospital – outcome in patients of sepsis admitted in critical care unit of a tertiary care hospital.
67.	Clinical and laboratory based study on young patients presenting to a tertiary health care center of eastern india with acute coronary syndrome.
68.	Prevalence of micro organisms and parasites in the stool of antiretroviral therapy naive hiv positive patients with cd4 correlation.
69.	Study of plasma fibrinogen level in type 2 diabetic patients with or without microalbuminuria and retinopathy.
70.	A study on association between urinary albumin excretion and serum dehydroepiandrosterone sulfate concentration in male patients with type 2 diabetes mellitus.
71.	Study of prevalence of depression in hiv patients attending medical college hospital, kolkata and its clinical correlation.
72.	Risk of atherosclerosis in early rheumatoid arthritis as estimated by lipid profile and carotid intima medial thickness and response after 6 months of treatment with disease modifying anti rheumatic drugs.
73.	A prospective study of dengue fever complications in a tertiary care hospital in kolkata.
74.	Determination of prevalence of substance abuse by hiv positive patients attending medical college hospital, kolkata – 700073
75.	Effect of atorvastatin therapy on endothelial dysfunction as measured by flow mediated vasodilation in patients with systemic lupus erythematosus.
76.	Prevalence of articular manifestations among haart naive hiv positive adults in a tertiary care hospital in india.
77.	Comparison of decline of hepatitis b surface antigen titre and quantitative hbv dna in a patient of chronic hepatitis b receiving tenofovir.
78.	An observational study on varied presentation of dengue fever at a tertiary care hospital of kolkata (medical college kolkata)
79.	Study of clinicopathological and biochemical changes among severe plasmodium falciparum malaris cases in a tertiary care hospital, kolkata
80.	Study of factors for non-adherence to antiretroviral therapy among hiv-positive patients with special reference to role of cognitive behavior therapy.
81.	Study of clinicopathological, biochemical changes among severe plasmodium vivax malaria cases in a tertiary care hospital.
82.	A study of ascitic fluid crp in various causes of ascites in a tertiary health care centre in eastern india.
83.	Study of bone mineral metabolism disorders in hiv infected patients.
84.	Correlation of functional status and structural changes in knee osteoarthritis.
85.	A study to determine the effect of splenectomy on thrombotic events in hb-e beta thalassemia patients.
86.	The study of effect of metformin on serum thyrotropin levels in hypothyroid patients on stable and adequate levothyroxine doses and found to have diabetes or prediabetes.
87.	Observational study of isolated systolic hypertension in a tertiary care hospital nrs medical college and hospital, kolkata west bengal of eastern india.
88.	A clinical study of microalbuminuria and c-reactive protein in non-diabetic ischemic stroke.
89.	Bacteriological profile and their culture sensitivity patterns in sepsis patients admitted in icu in a tertiary care teaching hospital.
90.	Study of endoscopic evaluation of upper and lower gastro intestinal tract in case of iron deficiency anaemia in a tertiary care hospital.
91.	Prevalence of thyroid dysfunction in type 2 diabetes mellitus.
92.	Assessment of diabetes control in type 2 diabetic patients with particular reference to the targets achieved in a tertiary care diabetes clinic.
93.	Study of calcium phosphate vitamin d[25(oh)d] and thyroid hormone status in chronic liver disease.

SL. NO	MICROBIOLOGY
1.	To study clinical correlation between diabetic retinopathy and coronary artery disease in type2 diabetes mellitus.
2.	Hypomagnesemia in critically ill patients and its association with morbidity and mortality.
3.	Hcv profile in ckd patients.
4.	A study to determine the prevalence of hearing disturbance in patients of diabetes mellitus in a tertiary care institution.
5.	A study on cardiovascular risk factors in prehypertensive patients in a tertiary care institute.
6.	Basal-bolus insulin therapy during switching over from continuous i.v. regular insulin to s.c. insulin therapy as compared to conventional regimens in type – 2 diabetes patients admitted in general intensive care unit.
7.	Changes in anthropometry hepatic fat and biochemical parameters in obese individuals after life style intervention therapy.
8.	Study of epicardial fat and diastolic dysfunction and its association with non – alcoholic fatty liver in adults with abdominal obesity.
9.	Study of thyroid hormone abnormalities in patients of dialysis independent chronic kidney disease.
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12.	Spectrum of clinical presentation of male systemic lupus erythematosus patients with special reference to disease activity and monitoring of organ involvement in our institute.
13.	Spectrum of clinical presentation of female ankylosing spondylitis and its comparison with male counterparts in our institute.
14.	Evaluation of prevalence of chronic diseases and frailty in geriatric persons attending in a tertiary care hospital.
15.	A study on diastolic dysfunction in diabetes mellitus and it's corelation with microalbuminuria.
16.	A study on electrocardiographic and echocardiographic abnormalities in chronic obstructive pulmonary disease (copd)
17.	Study on the profile of diastolic dysfunction among the newly diagnosed hypertensives attending a tertiary care hospital in kolkata.
18.	Proportion of microvascular complication in prediabetes.
19.	A comparative study between the effect of mannitol and mnnitol and glycerol in the treatment of cerebrovascular accident patient.

## RADIODIAGNOSIS

SL. NO	
1.	Correlation between endometrial thickness and uterine artery doppler with histopathological findings in case of post menopausal bleeding.
2.	Evaluation of meniscal injury & anterior cruciate ligament tear by mri with arthroscopic correlation .
3.	Study of nephrolithiasis and related uropathy by conventional ivu and combination of ivu and sonography.
4.	Study of indeterminate breast lump and axillary lymph nodes by ultrasound & film-screen x-ray mammography with cytological/histopathological correlation.
5.	A comparative study of radiological bone age assessment from x-ray of non-dominant hand and the available standard method in the age group of 10 to 18 years
6.	Role of magnetic resonance imaging in etiological diagnosis of dementia.
7.	Role of usg in the evaluation fetal heart biometry and visualization of cardiac structures between 10-15 weeks of gestation using transabdominal and transvaginal.
8.	Study of doppler velocity waveform in pregnancy induced hypertension patients and its correlation with perinatal outcome.
9.	Comparative study of ultrasonography and mri in carpal tunnel syndrome.
10.	Correlation between sonographic and mr urographic evaluation of obstructive uropathy
11.	Role of radiology in predicting outcome of early arthritis.
12.	A comparative study in efficacy of ultrasonography and mri in radiological assessment of shoulder pain related to rotator cuff pathology.
13.	Mri &mr spectroscopic evaluation of adult posterior fossa space occupying lesion.
14.	Sonographic differentiation of benign and malignant thyroid nodules on the basis of gray scale & doppler findings with us-guided fnac correlation.
15.	Role of ultrasonography and color doppler in evaluation of thyroid nodule with pathological correlation
16.	Preoperative clinical and radiological study of patients with anorectal malformation for evaluation of the types of and rectal malformations and associated anomalies.

<b>COMMUNITY MEDICINE</b>	
SL. NO	
1.	An assessment of nutritional status of school going adolescents in bankura - 1 community development block of bankura district, w.b.
2.	A study of safe injection practices and needle stick injuries among the junior doctors residents and nursing personnel in a tertiary care hospital in kolkata
3.	A study of selected lifestyle factors and complications among type 2 diabetic patients attending a tertiary care hospital in kolkata
4.	A community based study on physical injury among children of 0-4 years of age in siliguri municipal corp. Area of north bengal
5.	A study on pattern of disabilities and associated factors among new leprosy cases in a subdivision of darjeeling district, w.b.
6.	A study on prevalence of depression and its risk factors among adult population of siliguri sub-division of darjeeling dist., w.b.
7.	A community based assessment of performance of accredited social health activist in reproductive and child health service delivery in a block of burdwan dist., w. B.
8.	An epidemiological study on hypertension among school boys of burdwan municipal area
9.	A study on biomedical waste management in public health care system of burdwan district
10.	A study on birth preparedness and complication readiness among slum dwellers of burdwan municipality, w.b.
11.	A study on newborn and infant care practices among mothers residing in the slums under burdwan municipality
12.	A study on contraceptive behaviour of currently married women in a slum of kolkata
13.	Influence of gender of child on child rearing practices - a study in rural and urban areas of west bengal
14.	A study on treatment adherence and its determinants among hiv/aids patients receiving treatment in the art centre of rgkmc, kolkata
15.	A study on prevalence of hypertension and associated risk factors among the tribal population of kharagpur - II BLOCK, Paschim Medinipur Dist., W.B.
16.	An evaluation of integrated child development services programme in a borough of kolkata municipal corpn.
17.	An epidemiological study on attempted cases of suicide in a tertiary care hospital of kolkata
18.	An assessment of maternal and child health services at subcentre level in a block of howrah district, w.b.
19.	A cross sectional study on hypertension and its risk factors among an adult population in a rural community of singur block, hooghly district, w.b.
20.	A cross sectional study on the health status and its determinants among cycle rickshaw pullers in a municipality area of north 24 pgs., w.b.
21.	An epidemiological study on knowledge attitude and practice of contraception among male partners of eligible couples in a slum of kolkata
22.	A prevalence study of reproductive tract infection (rti) among women of reproductive age group in a rural community of singur block hooghly