

SL. NO	ANATOMY
1.	A comparative study on differences in placental gross morphology and birth height of baby in normal pregnancy and pregnancy induced hypertension in a tertiary care hospital
2.	Variations of human vermiform appendix in clinical cases of appendicitis a study in a tertiary care hospital
3.	A digital subtraction angiography guided study of arteries of circulus arteriosus in subarachnoid hemorrhage patients of eastern India population with special reference to congenital variation of the constituent vessels and relation with aneurysm
4.	Anatomical study of the variations in the vascular supply of kidney in cadaver
5.	A cadaveric study on the anatomy of right and left hepatic arteries including the cystic artery in light of hepato biliary surgery
6.	Study of palatal indices bony prominences sutures and grooves in bones forming the hard palate of adult human skulls in eastern indian population
7.	An Evaluation of the metrical and nonmetrical sexually dimorphic features of adult dry human hip bones
8.	A comparative study of palmar dermatoglyphic patterns in patients with bronchial asthma and control group in W.B. population
9.	Relationship between flat foot and obesity in boys and girls in eastern Indian population
10.	Study of facial morphology among Bengali speaking population of West Bengal
11.	Assessment of length of 2 nd and 4 th digit in eastern Indian population and exploration of association of this ratio with risk of developing polycystic ovarian syndrome
12.	A study of the thickness of ligamentum flavum in relation to age and gender in asymptomatic persons and patients with low back pain
13.	Microscopic study of surgically removed fallopian tubes in different age groups
14.	A study of upper segment, lower segment & neck ratios in children and their relevance to diagnosis of some diseases and abnormalities of growth
15.	The use of dermatoglyphics for diagnosing primary epilepsy : A case control study
16.	Correlation of ultrasonographic renal length with established anthropometric parameters for calculating gestational age in normal pregnancies from 20 th week onwards
17.	Study of craniofacial anthropometry in normal infant in a population of Kolkata
18.	Digitopalmar dermatoglyphics in pemphigus a cross sectional study
19.	A comparative study of hypo-osmotic swelling test of spermatozoa in fertile and infertile male subjects in two tertiary care institutes in Kolkata
20.	A study for estimation of human height from the length of ulna
21.	A study of cephalic index among the young age group of West Bengal in relation to sex and geographical factors
22.	Occurrence of cervical rib/ribs in hospital setting with special emphasis upon neurological involvements – A prospective study
23.	An Anthropometric study and hospital based radiological study of neck-shaft angle and angle of anteversion of femur with clinical correlation
24.	A study of calcification of costal cartilages (1 st to 7 th) in different age group and its effect on chest expansion in both male and female
25.	A study on femoral neck anteversion and its radiological correlation
26.	Study of palmar dermatoglyphics in cervical carcinoma patients in North Bengal
27.	A study of different morphological parameters of kidneys in cadavers at North Bengal Medical College and Hospital mortuary
28.	Estimation of stature with hand and foot dimensions – A study amongst adult population of North Bengal
29.	Radiological study of sacral hiatus and its relationship with low back pain in North Bengal population
30.	Evaluation of microscopic of placenta complicated by pregnancy induced hypertension with intra uterine growth restriction of foetus versus induced hypertension without intrauterine growth restriction of foetus – A comparative study
31.	A clinical and Radiological study of locations of external urethral meatus and finding of other congenital anomalies of genito-urinary system in hypospadias in pediatric age group
32.	A study on the role of oral metronidazole in the histological and clinical outcome of lichen planus
33.	A study of association between atrial / ventricular septal defects and low birth weight term babies in relation to multiple maternal covariates
34.	Anatomical variations of the foramen magnum, occipital condyle, jugular tubercle and hypoglossal canal

SL. NO	ANEASTHESIOLOGY
1.	Effect of intraoperative intravenous crystalloid infusion on post operative nausea & vomiting after diagnostic gynaecological laparoscopy comparison of 30ml /kg & 15ml/kg
2.	Comparative study of analgesic effects of ilioinguinal and iliohypogastric nerve block with levobupivacaine (0.25%) versus diclofenac suppository in paediatric patients undergoing inguinal herniotomy under general anaesthesia
3.	Comparison of clinical effects of single dose of levobupivacaine and bupivacaine by caudal route in children undergoing infra umbilical surgery : A Randomized double blind clinical trial
4.	A randomised control study between dexmedetomidine and fentanyl for laryngeal mask airway insertion in children under proposal anaesthesia
5.	A comparative study of clinical effects of general anesthesia versus regional nerve block for shoulder arthroscopic procedures
6.	Comparison of clinical effects of levobupivacaine and ropivacaine through the intrathecal route in cases of lower abdominal surgery
7.	Dexmedetomidine – based vs propofol – based ICU sedation regimen in post cardiac surgery patients : Comparison of analgesic requirement
8.	Comparison of recovery characteristics between fentanyl – propofol & dexmedetomidine – propofol based anaesthesia in supratentorial brain tumour surgery
9.	Comparison of endotracheal tube cuff pressure changes between supine – prone and supine – knee chest position in lumbar disc surgery
10.	A double – blind randomized controlled trial comparing the effects of single intravenous dose of dexmedetomidine and lignocaine on attenuation of post – extubation airway reflexes and hemodynamic changes in patients posted for elective abdominal surgery under general anesthesia
11.	Continuous epidural analgesia in labour using 0.0625% bupivacaine with 0.0002% fentanyl and 0.0625% ropivacaine with 0.0002% fentanyl
12.	Perioperative glycemic status of obese niddm adults posted for operation under general anaesthesia a prospective observational study
13.	Incidence of postdural puncture headache in caesarean section under spinal anaesthesia : A comparison of 25G quincke and whitacre needle
14.	Effect of infusion of dexmedetomidine on characteristics of spinal anaesthesia with hyperbaric bupivacaine : A randomised controlled trial
15.	A comparative study of isobaric 0.5% levobupivacaine combined with 50 mcg fentanyl versus isobaric 0.5% ropivacaine combined with 50 mcg fentanyl in lumbar epidural anesthesia for infraumbilical surgery
16.	Efficacy of transdermal buprenorphine patch on postoperative pain relief after elective spinal instrumentation surgery
17.	Influence of clonidine as adjuvant in paravertebral block for patients under going breast cancer surgery : A randomized controlled study
18.	Role of dexmedetomidine in preventing post – operative shivering following craniotomy : A randomized placebo controlled double – blind trial
19.	Comparison post operative analgesic effect of incisional infiltration with bupivacaine versus bupivacaine – buprenorphine after open cholecystectomy
20.	Comparative study of pacaaemic mixture of 0.5% bupivacaine combined with dexmedetomidine versus 0.5% levobupivacaine combined with dexmedetomidine intrathecally for elective orthopaedic surgeries of the lower limbs
21.	Comparison of sedation characteristics among patients receiving dexmedetomidine and propofol infusion during abdominal hysterectomy under subarachnoid block : A prospective study
22.	Efficacy of pregabalin as a premedicant for attenuation of haemodynamic response and augmentation of post – operative analgesia in patients undergoing laparoscopic cholecystectomy
23.	Comparison between the efficacy of single dose caudal ropivacaine and levobupivacaine for post - operative analgesia after infra umbilical surgeries in children
24.	Needle – induced paresthesia during spinal anaesthesia : A comparative study of sitting Vs. lateral decubitus position
25.	A comparative study between ropivacaine alone versus ropivacaine with dexamethasone for interscalene nerser block in arm surgeries : A randomised control trial
26.	Efficacy of intravenous dexmedetomidine in reduction of shivering during spinal anaesthesia : A randomized control trial
27.	A comparative study between propofol and thiopentone in respect to incidence of post operative sore throat after laryngeal mask airway (LMA) insertion
28.	A Comparative study between intravenous lignocaine alone and combination of intravenous lignocaine with 20 meg dexmedetomidine in intravenous regional anaesthesia (Bier's Block) in patients undergoing forearm and wrist surgeries
29.	Comparative study of intrathecal bupivacaine and bupivacaine with fentanyl for lower limb major orthopedic surgeries
30.	Comparative study between bupivacaine alone bupivacaine plus clonidine in subarachnoid block in lower abdominal surgeries
31.	Comparative study of bupivacaine 0.5X and levobupivacaine 0.5X regarding haemodynamic status after subarachnoid anaesthesia in ASA I and II patients in infraumbilical surgeries
32.	A comparative study of oral clonidine and oral midazolam as premedications for general aneesthesia in elective open abdominal surgery
33.	Post dural puncture headache in patient undergoing elective caesarean section : Comparision between 25G quincke and 25G whitacre spinal needle
34.	Intravenous dexmedetomidine enhances efficacy of ropivacaine spinal anaesthesia : A prospective randomised placebo controlled study
35.	Comparative study between ondansetron and metoclopramide for preventing post-operative nausea vomiting after laparoscopic cholecystectomy
36.	Orally administered midazolam diazepam and triclofos : A randomised double blind trial of three anxiolytic drugs in children before elective surgery

37.	Effect of tranexamic acid for reduction of bleeding and transfusion requirement in elective primary off – pump coronary artery bypass surgery :A prospective randomized double placebo – controlled study
38.	Randomized double – blind comparative study of granisetron and ramosetron in prevention of post operative nausea and vomiting in patients undergoing laparoscopic surgeries
39.	Comparison of clinical performance of the l – Gel with endotracheal tube in patients undergoing lower abdominal surgery
40.	A comparative study between clonidine and dexmedetomidine with levobupivacaine for upper limb surgery done under brachial plexus block through supraclavicular approach
41.	A Comparative study between intervenous esmolol and clonidine in attenuating hyperdynamic cardiovascular response to laryngoscopy and endotracheal intubation
42.	Effects of oral clonidine and pregabalin premedication for attenuation of haemodynamic responses during laparoscopic cholecystectomy
43.	Comparison of analgesic efficacy between ropivacaine plain and ropivacaine – Dexmedetomidine combination in bilateral superficial cervical plexus block for thyroid surgeries
44.	Total intravenous anaesthesia with propofol – fentanyl and propofol – ketamine : A comparative study
45.	Comparison of Efficacy between intrathecal dexmedetomidine with levobupivacaine and levobupivacaine alone for lower limb orthopedic surgeries - A prospective randomized double blind study
46.	Comparative Study between oral midazolam and oral ketamine as preanaesthetic medication paediatric patients undergoing elective surgery : A randomised double blind study
47.	Effect of pregabalin premedication in postoperative analgesia in vaginal hysterectomy under spinal anaesthesia : A comparison of two different doses
48.	A comparative study of interscalene brachial plexus block and supraclavicular brachial plexus block for perioperative analgesia in patients undergoing upper limb surgery
49.	Comparison of fentanyl and dexmedetomidine as an adjuvant to local anaesthetic in supraclavicular brachial plexus block
50.	A prospective observational single blind study to compare upper lip bite test with thyromental distance in predicting difficult laryngoscopy in adult patients requiring general anaesthesia with endotracheal intubation
51.	A prospective randomised controlled double blinded study for comparison of sedation haemodynamic changes patient and surgeons comfort with dexmedetomidine in fusion Vs propofol infusion as an adjunct to local anesthesia in cases of middle ear surgeries
52.	Comparison of block distribution and haemodynamic changes in patients following unilateral and bilateral spinal anaesthesia undergoing lower limb orthopaedic surgery
53.	A Comparative study of post operative analgesic effect of intra articular levobupivacaine and levobupivacaine with fentanyl in arthroscopic knee surgery
54.	A comparative study between dexmedetomidine clonidine and fentanyl as adjuvant to levobupivacaine in paediatric caudal analgesia
55.	Evaluation of effects of body mass index on 0.5% levobupivacaine in supraclavicular brachial plexus block
56.	Comparison of propofol and fentanyl administered at the end of anaesthesia for prevention of emergence agitation after sevoflurane anaesthesia in infraumbilical surgeries in children
57.	Effect of locally administered dexmedetomidine as adjuvant to levobupivacaine in supraclavicular brachial plexus block : A double blind controlled study

SL. NO	BIOCHEMISTRY
1.	A study of serum H ₂ S level , H ₂ S synthesizing activity total oxidative stress and antioxidant defence in patients with acute coronary syndrome
2.	A study of serum H ₂ S level , H ₂ S synthesizing activity nitric oxide level total oxidative stress and antioxidant defence in thyroid disorders
3.	Evaluation of cord blood magnesium zinc and insulin level of term low birth weight babies with comparison to that of term normal birth weight babies
4.	Estimation of L – cysteine influx and reduced glutathione levels in erythrocytes in three different trimesters of pregnancy in Bengali population
5.	Comparative study of Copper, Zinc, Iron and ferritin in pregnancy induced hypertension in prigravida women and correlation with oxidative stress
6.	Evaluation of plasma ceruloplasmin plasma protein carbonyl and erythrocyte reduced glutathione level in epithelial carcinoma of ovary
7.	Estimation of inflammatory markers in pre – diabetic individuals
8.	A study on risk factors and biochemical changes of atherosclerosis in pre-diabetes and diabetes
9.	Study of thyroid hormone status and serum fluoride level in fluoride endemic zone of Bankura District West Bengal
10.	Study of Na ⁺ -K ⁺ Atpase activity and its link to oxidative stress in patients suffering from schizophrenia
11.	A comparative study to assess any potential derangement between pituitary and gonadal hormone balance due to iron over load in B – Thalassemia patients
12.	Assessment of Vitamin – D and Cytokine IL – 6 in patients of Alzheimer’s disease
13.	Studies on the serum levels of insulin and proinflammatory cytokines in non – diabetic Alzheimer’s disease patients
14.	Study on the association of serum 24 – S Hydroxycholesterol and apoe polymorphism in relation to sporadic Alzheimer’s disease
15.	Role of serum and urinary levels of CEA and CA 19.9 as tumor marker in transition cell carcinoma of urinary bladder
16.	Assessment of IL – 6 & hsCRP in preeclampsic pregnant women
17.	Assessment of Osteopontin in thyroid disorders
18.	Clinico – Biochemical study of body iron stores in women with polycystic ovarian syndromes in a tertiary care hospital in Kolkata
19.	Assessment and interrelation of hs – CRP introsative stress and lipid profile in type 2 diabetes mellitus
20.	Association of ferritin with hypothyroidism and effect of thyroid hormone replacement therapy
21.	Role of salivary alpha amylase and lipid profile as biochemical indicators and effect of therapeutic interventions on these parameters in major depressive disorder patients
22.	Role of oxidative stress and therapeutic efficacy of Vitamin E in management of osteoarthritic patients attending at orthopedic out patient department in BMCH
23.	Comparative analysis of biochemical parameters for differentiation of pleural exudates from transudates in children at BMCH
24.	A study of Interrelationship between Occurrence of cataract in patients Attending Ophthalmology out Patient Department in BMC&H with their Liver function profile and serum slalic acid levels
25.	LDL susceptibility to oxidation in preeclampsic patient

SL. NO	DERMATOLOGY
1.	Clinical – Epidemio – Pathological profile of cutaneous tuberculosis encountered in a semi – urban based tertiary institution
2.	Clinico – epidemiological profile of leprosy observed at a semi – urban tertiary centre of an endemic district in the post elimination era
3.	A study of mucocutaneous manifestations in patients with diabetes mellitus
4.	A study on assessment of relation between psoriasis severity & stress severity
5.	Safety and efficacy of intense pulsed light (IPL) in the management of mild to moderate acne vulgaris with special reference to its sebo – suppressive function
6.	A study on comparison of effectiveness and side effects between clobetasol propionate (0.05%) ointment and combination of clobetasol propionate (0.05%) ointment with tazarotene (0.1%) gel in treatment of palmo- planter psoriasis
7.	A study on comparison of effectiveness and adverse effects of mometasone furoate versus calcipotriol in the treatment of vitiligo : An intra – individual open comparative study
8.	A clinicoepidemiological profile of herpes zoster in patients attending a tertiary care hospital in Eastern India : An observational cross – sectional and prospective study
9.	An open label longitudinal study to assess the efficacy safety and tolerability of multi drug therapy regime in pauci bacillary type hansen's disease
10.	Effectiveness and safety of levocetirizine 10 mg versus combination of levocetirizine 5mg plus montelukast 10mg in chronic urticarial resistant to levocetirizine 5mg a double blind randomized controlled trial
11.	A Clinicopathological study of dermatoses affecting external ears
12.	Clinicodemographic pattern of patients with foot dermatitis with emphasis on patch test
13.	Vesico – bullous disorders in childhood a clinic – histopathological study
14.	A study of clinic – bacteriological profile of pyoderma in patients attending the dermatology OPD of a tertiary care centre in Eastern India
15.	A study of find out the etio – pathogenesis and morphological forms of hand eczema
16.	Observational study of cutaneous changes in third trimester of pregnancy in a tertiary care centre
17.	A clinic – pathological study of non - venereal genital dermatoses in tertiary health care center of Eastern India
18.	Frequency of human leukocyte antigen – Cw6 in psoriasis patients : A study in a tertiary referral center in Eastern India

SL. NO	F.S.M.
1.	A study on macroscopic changes of brain, heart, kidneys & other organs, with histopathological changes of kidneys in death due to poisonous snakebite brought to NRSMC&H Mortuary
2.	Victim profile and pattern of thoraco-abdominal injuries in cases of subjects who die solely due to thoraco-abdominal injuries – A study based on medicolegal autopsy at NRSMC&H police morgue
3.	Preponderance of atherosclerosis in arch of aorta of both sexes of 10 years onwards
4.	Epidemiological study of alleged sexual assault cases brought for medicolegal examination
5.	An epidemiological study on the cranio-cerebral injury cases, occurred due to fatal road traffic accident within the jurisdiction of Kolkata police morgue.
6.	A study of types of violent asphyxial deaths coming for autopsy to Kolkata police morgue
7.	A study on weights of human organs with relation to the body weight body length and age
8.	Prevalence of parental marital discord & substance abuse among the alleged accused persons of sexual offence coming for medical examinations at the upgraded department of forensic and state medicine ; Medical College, Kolkata
9.	A cross sectional study on burn related pathological changes in upper gastrointestinal tract among autopsy cases
10.	Study of head dimensions in relation to stature and sex of a subject in Bengali population done at RGKMC police morgue
11.	Study of atherosclerotic plaques in aorta among autopsy cases of RGKMC&H police morgue
12.	Study of fatal poisoning cases admitted in RGKMC&H whose autopsy done at RGKMC police morgue with special emphasis on gastric findings
13.	Study of Medicolegal autopsy of burn in married women in midnapore medical college & hospital mortuary
14.	Study of Thoraco-abdominal organ injuries following road traffic accidents in autopsies held at midnapore medical college & hospital mortuary
15.	A medicolegal study and psychiatric assessment of victims of sexual assault examined under protection of children from sexual offenses pocso act 2012
16.	Determination of age and sex from morphology and morphometry of sternal end of right fourth rib
17.	Autopsy study of sudden deaths of adults examined at BMC police morgue
18.	An epidemiological study of pattern of injuries in fatal road traffic accident cases autopsied in department of forensic medicine, NBMC
19.	Epidemiological study about suicide brought from siliguri commissionerate to the mortuary of NBMC&H, Darjeeling

SL. NO	GYNAE. & OBS.
1.	Perinatal outcomes in relation to maternal vitamin D deficiency
2.	A prospective study on correlation between BMI (Body Mass Index) at first trimester and pregnancy complications in primigravidas under 30 years of age with singleton pregnancies
3.	A study of the outcome of pregnancy complicated by obstetric cholestasis
4.	Screening for pre – eclampsia at 11 weeks to 13 weeks 6 days gestational age on the basis of uterine artery Doppler pregnancy associated plasma protein – A and placental growth factor
5.	Correlation of clinical estimation of gestational age and ultrasound diagnosed linear growth in a case of IUGR in a state tertiary care hospital
6.	To compare the efficacy safety and acceptability of I. V iron sucrose and I. V ferric carboxy maltose in anemia in pregnancy at second and third trimester in a tertiary care hospital
7.	A study of active management of premature rupture of membranes and its obstetrics outcome in term and preterm pregnancy : A prospective observational study
8.	Comparison of rapid biophysical profile (RBBP) with non stress test (NST) in early intrapartum fetal monitoring
9.	Comparative study of low dose magnesium sulphate regime vs pritchard's regime in management of eclampsia and imminent eclampsia
10.	Clinical and use diagnosis Vs histopathological outcome in cases of hysterectomy
11.	A study to assess serum beta human chorionic gonadotrophin (HCG) as a predictive indicator of pre – eclampsia
12.	Visual inspection of cervix after acetic acid application as a screening test for cervical cancer in low resource settings
13.	Effect of route of hysterectomy (vaginal vs abdominal) with ovarian preservation on ovarian function
14.	Comparative study between effect of prophylactic methotrexate – folinic acid and actinomycin – D following high risk complete hydatidiform mole
15.	A clinicopathological study on perimenopausal abnormal uterine bleeding in a tertiary care govt. health facility W.B.
16.	Association between elevated serum ferritin level with gestational diabetes mellitus – A prospective observational study
17.	Estimation of serum vitamin – D levels at term pregnancy in a tertiary care centre : A cross -sectional study
18.	Study on measurement of mid trimester cervical length by transvaginal sonography and its relation with pregnancy outcome
19.	Study of fetomaternal outcome of thalassaemia in pregnancy
20.	A study to find out whether there is any association of anti – TPO antibody positivity with different adverse pregnancy outcomes
21.	A cross sectional study on clinical radiological histopathological correlation of ovarian malignancy
22.	Comparative study of oral ferrous sulphate intravenous iron sucrose and intravenous ferric carboxymaltose in the treatment of iron deficiency anaemia in non pregnant women
23.	Comparative study of the foeto-maternal outcome in preeclamptic mothers undergoing LSCS with spinal versus general anesthesia
24.	A study of uterine artery pulsatility index (UAPI) in cases of gestational trophoblastic disease (GTD) and to assess whether it can be an independent prognostic factor in the subsequent development of gestational trophoblastic neoplasia (GTN)
25.	Study of the use of low – molecular weight heparin in patients with unexplained recurrent miscarriages
26.	Fetomaternal outcome in isolated oligohydramnios – in a prospective case control study
27.	A comparative observational study of fetomaternal outcome in eclampsia delivered vaginally versus caesarean section
28.	Prospective study on intrahepatic cholestasis of pregnancy – outcome with active management
29.	Effect of isosorbide mononitrate (IMN) on the efficacy of prostaglandin E2 (PGE2) gel for induction of labour
30.	Efficacy and safety of preoperative intravenous tranexamic acid in reducing blood loss during hysterectomy in benign conditions
31.	A study on ultrasound evaluation of causes of vaginal bleeding in first trimester of pregnancy
32.	Prospective study to evaluate the role of antioxidants (vitamin C and vitamin E) supplementation in prevention of preeclampsia
33.	Routine episiotomy versus selective episiotomy – A randomized control trial
34.	A comparative study of dorsal position and squatting position during second stage of labour
35.	A comparative study on efficacy of magnesium sulphate administered by intramuscular versus intravenous route in treatment of pre eclampsia and eclampsia
36.	Role of Diagnostic laparoscopy in infertility
37.	A comparative study of total laparoscopic hysterectomy and non – descent vaginal hysterectomy for treatment of benign diseases of uterus
38.	Association between early gestational bleeding and suboptimal pregnancy outcome with special emphasis on development of preeclampsia
39.	A comparative study of the efficacy of moderate vs. high dose ursodeoxycholic acid in the treatment of obstructive cholelithiasis with altered liver function
40.	A prospective study on severe PIH to compare the expectant management vs termination of pregnancy between 28-34 weeks of gestational period in a tertiary care centre
41.	A study of maternal and fetal outcomes of pregnancy in women with heart disease and a comparison between maternal congenital and acquired heart disease complicating pregnancy
42.	Thyroid profile in women with abnormal uterine bleeding at IPGME&R

43.	Comparison of rando urine protein / creatinine ratio with 24 hours urine protein for estimation of proteinuria in pregnancy induced hypertension
44.	How successful is colour flow mapping and pulsed Doppler studies in predicting histologically confirmed benign and malignant adnexal masses in perimenopausal women
45.	A prospective randomized controlled trail of wound healing following suture approximation and non – approximation of aubcutaneous layer in patients undergoing cesarean delivery with abdominal subcutaneous layer thickness more than 2 cm
46.	Comparison of mifepristone and misoprostol combination versus misoprostol alone in the induction of labor in intrauterine fetal death : A randomized controlled trial
47.	A comparative study between active management of third stage of labour with and without uterine massage for prevention of post – partum haemorrhage
48.	A comparative study of moxifloxacin alone versus doxycycline and metronidazole for treatment of uncomplicated pelvic inflammatory disease
49.	Sildenafil citrate therapy for serve intrauterine growth restriction
50.	A Randomized controlled trial on the use of letrozole pretreatment with misoprostol for second trimester medical abortion
51.	Symptoms of imminent eclampsia : A case control study
52.	A randomised controlled trial determining efficacy of dinoprostone vaginal gel for active management of prelabour rupture of membranes at term
53.	Perinatal outcome in case of meconium stained liquour : Expectent management versus amnioinfusion – A randomized control study
54.	Leucorrhoea in reproductive age group : A prospective analytical study
55.	Comparison of efficacy of drotaverine hydrochloride and valethamate bromide in the augmentation of labour : A prospective randomized trial
56.	A prospective observational study on ectopic pregnancy in an urban institute
57.	Mifepristone and misoprostol compared with misoprostol alone for second trimester abortion : A randomised controlled trial
58.	A randomised comparative study of chromic catgut versus rapidly absorbed polyglactin910 in the repair of episiotomy
59.	Restricted versus routine use of episiotomy : A prospective randomized trial
60.	A randomized controlled trial of lidocaine versus ropivacaine for pain relief after episiotomy
61.	A prospective observational study of urinary calcium creatinine ratio and microalbuminuria for prediction of hypertensive disorders in pregnancy
62.	Outcome of cardiac disease in pregnancy in a tertiary care hospital
63.	Evaluation of feto – maternal outcome in cases of maternal obesity : A case control study
64.	A comparative study on relationship of intrapartum meconium stained liquor and cord blood PH with special reference to effect of amnioinfusion
65.	Sonographic study of fetal growth parameters in normal pregnancy of Indian women
66.	Fetomaternal outcome in elderly pregnant patients in a peripheral tertiary care centre
67.	A comparative study of vaginal delivery versus caesarean section in primigravida with eclampsia after 34 weeks of pregnancy
68.	A randomised controlled trial to evaluate the efficacy of intraumbilical oxytocin for treatment of retained placenta and blood loss associated with it.
69.	Role of visual inspection with 5% acetic acid (VID) cervicalcytology and cervical biopsy as a screening method for early detection of premalignant & malignant lesions of cervix
70.	Timing of elective cesarean section in mother with previous cesarean delivery and neonatal outcome
71.	Correlation between maternal serum thyroid profile and pre – eclampsia at term
72.	A comparative study to evaluate the efficacy of completion of abortion by vaginal misoprostol 44meg to 800meg in first trimester incomplete abortion
73.	A randomized controlled trial on immediate versus expectant management in cases of prelabour rupture of membrane at term
74.	A comparative study of severe preeclampsia and eclampsia in tribal and nontribal women of Jangalmahal area of W.B
75.	Study of obstetric emergency cases needing intensive care in a peripheral medical college
76.	A prospective study of association of tubal ligation ectopic pregnancy in a peripheral medical college of West Bengal
77.	Epidemiological determinants and clinica profile of eclampsia
78.	Comparative study to assess the accuracy of colposcopic examination and pap smear cytology as screening test in unhealthy cervix
79.	An analysis of epi demiological and obstrtric factors associated with birth asphyxia in a rural tertiary care hospital
80.	Pregnancy outcome in overweight and obese women
81.	A prospective clinical study of feto maternal outcome of term pregnancy with oligohydramnios
82.	Study of umbilical cord coiling index and foetal outcome in case of primigravida of low socioeconomic status in a rural medical college
83.	Non descended vaginal hysterectomy – is a reasonable alternative to laparoscopic assisted vaginal hyterectomy
84.	Evaluation of acceptability safety and efficacy of inttouterine device and insertion during the post partum period
85.	Role of prior infiltration of vasopressin in patients undergoing vaginal hysterectomy
86.	The comparative study of maternal and fetal outcome using modified who and paperless partograph
87.	A study on detection of gestational diabetes mellitus in an Indian population comparing DIPSI versus IADPSG guidelines
88.	Outcome in hypertensive disorders of pregnancy patients with abnormal haematological and or liver function test reports
89.	A prospective study to predict preeclampsia by uterine artery Doppler flow velocimetry in a homogenous population of pregnant women
90.	Non stress test as a test to assess the outcome of high risk pregnancy

SL. NO	OPHTHALMOLOGY
1.	Comparative analysis of two techniques of deep anterior lamellar keratoplasty – Big bubble and layer by layer stromal lamellar dissection
2.	Magnitude of primary posterior capsular opacification in adult population undergoing cataract surgery in a medical college in Kolkata
3.	Comparison between free conjunctival autograft and anchored conjunctival rotational flap in primary pterygium surgery in adults ; A randomized controlled trial
4.	Color Doppler evaluation of ocular blood flow in middle aged patients with type 2 diabetes mellitus
5.	Effect of manual small incision cataract surgery on intraocular pressure
6.	A comparative prospective study of post operative astigmatism with straight and frown scleral incision in manual small incision cataract surgery in astigmatically normal cornea
7.	The relation between platelet indices and branch retinal occlusion
8.	The study of prevalence of dry eye among type 2 diabetes patients attending a tertiary eye care center
9.	Incidence of dry eye refractive error changes and recurrence rate in the management of pterygium by conjunctival autografting with or without mitomycin – c in a tertiary eye care centre
10.	A study of incidence of dry eye in patients after cataract surgery and its relation with different associated factors
11.	Evaluation management - surgical treatment versus intralesional injection of long acting steroids
12.	A prospective clinical interventional study to analyse the tear protein variation in patient suffering from moderate to severe dry eyes before and after intervention with autologous serum and lubricating ocular drops by mass spectrophotometry
13.	A study on central corneal thickness in relation to age, gender, refractive error and axial length in a population of eastern India
14.	Assessment of retinal nerve fibre layer thickness by spectral domain optical coherence tomography in patients with type II diabetes mellitus without clinical diabetic retinopathy in relation to the glycemic status
15.	Comparative efficacy of laser photocoagulation monotherapy intravitreal bevacizumab monotherapy and combined laser photocoagulation and intravitreal bevacizumab therapy in the management of macular edema > 350um in non-ischemic non-proliferative diabetic retinopathy in type 2 diabetes mellitus
16.	To analyse the choroidal thickness in different trimester of uncomplicated pregnancy by enhanced depth imaging optical coherence tomography
17.	Comparison of Trabeculectomy with new collagen implant for treatment of glaucoma
18.	A Clinicopathological study of orbital tumors presenting to a tertiary centre in east India
19.	Study on change in retinal nerve fibre layer (RNFL) thickness using optical coherence tomography (Spectral Domain OCT) after trabeculectomy in adult patients with glaucoma
20.	Evaluation of ocular profile of patients with pseudoexfoliation syndrome in a tertiary eye care center in West Bengal
21.	Role of Hypertension in different causes of visual loss : A case control study
22.	A prospective observational study to assess the difference in intraocular pressure measurements obtained by goldmann applanation tonometer and non contact tonometer in eyes undergoing lasik in relation to central corneal thickness
23.	A comparative study of autoblood graft fixation vs conjunctival autograft fixation with polyglactin suture in primary pterygium surgery
24.	A comparative study of effects of nepafenac and bromfenac on central macular thickness in uncomplicated small incision cataract surgery measured by spectral domain optical coherence tomography (SD-OCT)
25.	A study to assess the prevalence of ocular morbidities in thalassemic children under the age group of 15 years attending BMC&H
26.	A study to assess refractive changes in pregnancy
27.	Comparative study between topical ophthalmic nepafenac 0.1% and ketorolac 0.5% for their analgesic and anti inflammatory effects in postoperative senile cataract patients attending a tertiary care center in West Bengal

SL. NO	ORTHOPEADICS
1.	Comparative study between corticosteroid injection and ultrasound therapy in treatment of lateral epicondylitis of humerus
2.	Statistical correlation between diameter of femoral head minimum diameter of neck of femur and diameter of acetabulum with height weight sex of an individual
3.	Study of surgical management of distal femur fracture by open reduction and locking compression plate fixation
4.	Functional outcome of open discectomy for lumbar disc prolapse – A prospective study
5.	A study on most prevalent organisms their antibiotic resistance and sensitivity pattern in case of post – operative infection and open fractures in a tertiary care hospital Kolkata
6.	Correlation of cast index with functional outcome of distal radius fractures
7.	Lunate – Lunate ratio and variance to predict functional outcome of the patient after a distal radius fracture
8.	Comparative study between external fixation and plate osteosynthesis in fracture distal radius in adults
9.	A comparative analysis of accuracy of reduction and result in high energy plateau fracture following direct reduction by submeniscal approach and fluoroscopic assisted indirect reduction
10.	A comparative study of the results of arthroscopic versus mini – open repairs of rotator cuff tears
11.	A comparative study of the outcomes of acetabular fracture operated through kocher – langenbeck approach with and without trochanteric flip osteotomy
12.	A comparative study of results of transfixation screw and loop fixation for coracoclavicular stabilization in acromioclavicular joint dislocation
13.	A study on demographic characteristics of patients suffering from low back pain attending in outpatient department of BMCH
14.	A clinical study for operative outcome of interlocking intramedullary nailing with reaming for the treatment of open tibial shaft fractures
15.	Outcome of open reduction and internal fixation in late presentation of fracture lateral condyle of humerus in paediatric age group
16.	A comparative study of results of treatment of proximal humerus fracture in adults by proximal humerus plating and joshi's external stabilising system
17.	A study on outcome of treatment of non-united fracture of neck of the femur in young patients by pauwel osteotomy with fixation
18.	Comparison of results of combined arthroscopic debridement and high tibial osteotomy using open wedge versus close wedge in medial unicompartamental grade (1 to 3) osteoarthritis of knee
19.	A study to evaluate the pattern of micro – organisms causing early post – operative wound infection and their antibiotic sensitivity in patients undergoing orthopaedic surgery with implant for closed fracture or disease in MC&H, Kolkata
20.	Radiological assessment of tunnel placement for single bundle anterior cruciate ligament reconstruction and analysis of the results
21.	Clinico – radiological evaluation of genu varum correction in medial compartment osteoarthritis of the knee by proximal tibial corticotomy using ilizarov apparatus
22.	Clinico – radiological evaluation of cemented versus uncemented modular bipolar hemiarthroplasty in fracture neck of femur in elderly age group
23.	Evaluation of results of closed reduction and internal fixation of intertrochanteric fracture of femur with ender's nail and cannulated cancellous screw fixation in elderly
24.	Identification of predisposing factors for recovery of range of motion knee after total knee arthroplasty
25.	Evaluation of results of arthroscopic debridement and lavage with injection of hylan polymer in the management of osteoarthritis of knee
26.	Management of comminuted distal humerus fracture by minimal internal fixation and external fixation in the form of joshi's external stabilization system (JESS)
27.	Evaluation of functional outcome of closed reduction & percutaneous internal fixation for closed intra-articular displaced fractures of calcaneum in adults by minimal invasive surgery
28.	Comparative study of functional outcome of primary total elbow arthroplasty versus open reduction and internal fixation in fractures around elbow in elderly
29.	Short term outcome of arthroscopic management of rotator cuff tear
30.	Evaluation of results of operative and non – operative management of subaxial cervical spine injury
31.	Analysis of results of closed reduction and dorsal percutaneous screw fixation of scaphoid fracture
32.	Evaluation of short – term result of arthroscopic assisted reconstruction of postero-lateral corner of knee
33.	Comparative study between open reduction internal fixation and minimally invasive percutaneous plate osteosynthesis in management distal tibial fracture

SL. NO	E.N.T.
1.	Anatomical dissection of lateral skull base for different surgical approaches and their comparative studies
2.	A clinicopathological study to assess the benefits of septoplasty with special reference to nasal obstruction symptom evaluation scale
3.	A clinicopathological account of cervico – facial masses in pediatric patients
4.	A clinicopathological study of oral and oropharyngeal ulcers among the patients attending otorhinolaryngology outdoor in NBMC
5.	A study of complications associated with different techniques of tracheostomy and tracheostomy tubes in a tertiary care hospital
6.	A comparative study of laser surgery with conventional surgery in oral cavity, pharynx and larynx
7.	A comparative study on outcome in term of graft acceptancy and hearing improvement between tympanoplasty procedure using cartilage composite graft and temporalis fascia graft in cases of inactive mucosal type of chronic otitis media
8.	Clinicopathological study of laryngeal neoplasms and its diagnostic evaluation
9.	A clinicopathological study of oral ulcer in a tertiary care hospital of Kolkata India.
10.	A study on the effect of preoperative systemic corticosteroids on intraoperative and early postoperative outcome in patients undergoing functional endoscopic sinus surgery for sinonasal polyposis
11.	Correlation between middle ear risk index (MERI) score and post – operative outcomes of tympanomastoid surgery ; A prospective study
12.	Study of epistaxis regarding etiology management and outcome with special reference to management of sphenopalatine artery
13.	Management of tympanic membrane perforation with cartilage tympanoplasty vis-à-vis temporalis fascia graft technique
14.	Study on detection of deafness in early childhood (0-7 years) by play audiometry otoacoustic emission and auditory brainstem response
15.	A study on chronic rhinosinusitis with special reference to anatomical variations & histopathological correlation
16.	Clinico pathological study of epistaxis and its management
17.	Clinico – pathological study of benign vocal cord lesions with special reference to microlaryngoscopy
18.	A comparative study of tympanoplasty with two different graft materials – split cartilage and temporalis fascia with special reference to hearing improvement
19.	A clinical study of antrochoanal polyp with special reference to endoscopic evaluation
20.	A comparative study of medicinal versus ventilation tube management in cases of otitis media with effusion in paediatric patients
21.	Comparative study of type – I tympanoplasty using temporalis fascia and perichondrium as graft
22.	Endoscopic sinus surgery in chronic rhinosinusitis and nasal polyposis a comparative study
23.	Study on correlation between preoperative CT scan and endoscopic sinus surgery findings in sinonasal diseases
24.	Comparative study on type III tympanoplasty using autologous graft and total ossicular replacement prosthesis (TORP)

SL. NO	PAEDIATRICS
1.	Clinical presentation and outcome of dengue virus infection in pediatric age group in a tertiary care centre of Kolkata
2.	To study the efficacy of non invasive ventilation in severe bronchiolitis
3.	Outcome of newborns on CPAP & mechanical ventilation & assessment of them in high – risk clinic in Dr. B. C. Roy PGIPS
4.	To study the correlation of sepsis screen parameters & thrombocytopenia in culture positive sepsis in newborns in a tertiary care hospital
5.	A study to evaluate iron deficiency anaemia as a risk factor for febrile seizures in children
6.	Study of correlation between BMI, blood pressure and lipid profile in obese children and adolescent
7.	Estimation of blood lead level in children with anaemia
8.	Evaluation of lung function in chronic cough in children and adolescents
9.	Correlation between transcutaneous bilirubin estimation and total serum bilirubin estimation in neonatal hyperbilirubinemia
10.	Relative importance of inflammatory markers in deciding infective vs inflammatory disorders (ESR CRP procalcitonin IL6
11.	Perinatal & neonatal outcome in mothers having pregnancy induced hypertension
12.	A prospective study of neurodevelopmental outcome of ventilated neonate upto one year of corrected gestational age without any pre – existent neurological morbidity
13.	A hospital based case control study on correlation between simple febrile seizure and iron deficiency anaemia
14.	Effects of massage tactile and kinesthetic stimulation of low birth weight neonates on growth development and biochemical markers – insulin like growth factor – 1 (IGF -1) and triglyceride levels
15.	A hospital based cross – sectional study of pediatric urological conditions including congenital anomalies of the kidney and the urinary tract (cakut)
16.	Clinical epidemiological & haematological profile of paediatric snakebite patients in a rural medical college
17.	Clinico-epidemiological profile and patterns of antibiotic sensitivity of enteric fever cases among paediatric age group 1 – 12 Yrs in and adjacent areas of midnapore – A hospital based study
18.	Early neonatal outcome in late preterm baby
19.	Clinical assessment of nutritional status among school going children aged 6 – 15 years in tea garden area of Darjeeling district WB
20.	A study on dermatological manifestations of beta thalassemia major patients aged between 2 to 12 years and their correlation with serum ferritin level
21.	A comparative study of CALF circumference MID arm circumference and chest circumference as a marker of low birth weight in newborns delivered in a tertiary care hospital
22.	A study on profile of acute encephalitis syndrome in children with special reference to Japanese encephalitis in BSMC&H, Bankura
23.	A cross sectional study on thalassemic children to assess cardiovascular changes with respect to clinical haematological and biochemical profiles
24.	Observation on neonatal apnea in relation to aetiopathogenesis and their outcome
25.	Study of neonatal septicemia with special reference to the associated CSF changes
26.	Study of clinical and biochemical profile in children with acute liver failure affecting morbidity and mortality in a rural based medical college
27.	A study on correlation of cardiological findings with echocardiography and serum ferritin level in transfusion dependent thalassaemia major children
28.	Missed opportunities for earlier treatment of the children admitted with severe lower respiratory tract infections in a tertiary care hospital
29.	Comparison of efficacy of intravenous phenytoin and intravenous valproate in childhood seizures
30.	Pulse oximetry screening to detect congenital cyanotic heart diseases in preterm newborn
31.	Profile and outcome of patients admitted in paediatric intensive care unit of a tertiary care hospital
32.	Comparison of peak expiratory flow rate between children from rural and urban areas in and around Kolkata in W.B.
33.	A case control study to identify risk factors for febrile status epilepticus
34.	The study on clinico – etiological profile of childhood stroke and their outcome in a tertiary care hospital in Kolkata India
35.	Study on effect of steroid clinical course and short term outcome in neonates with meconium aspiration syndrome
36.	Comparative study between intravenous sodium valproate and phenytoin sodium as first – line treatment of status epilepticus in children aged between 2 Years – 12 Years
37.	Comparative study between breastfeeding 24% sucrose solution and eutectic mixture of local anaesthetic cream as analgesic in reducing procedural pain in neonates
38.	A study on clinical profile and serum electrolytes in acute febrile encephalopathy in children of age between 1 -12 Years
39.	Role of DMSA Scan in differentiating obstructive versus nonobstructive hydronephrosis
40.	Study on urinary uric acid and creatinine ratio as a marker of perinatal asphyxia
41.	A comparative study of the clinical and diagnostic profile of children presenting with primary and secondary dengue infection
42.	Therapeutic outcome of high dose dexamethasone in the treatment of acute immune thrombocytopenic purpura in children
43.	The effect of inhaled steroid on the clinical course and outcome of meconium aspiration syndrome
44.	Study on effect of steroid on linear growth velocity in children with nephrotic syndrome in a tertiary care hospital

45.	Evaluation of serum ferritin in juvenile idiopathic arthritis and it's correlation with disease activity
46.	Vitamin D status in thalassemia patients (Major & Intermedia) and it's correlation with serum ferritin and left ventricular ejection fraction
47.	Study on clinico biochemical profile of children with enteric fever at a tertiary health care center
48.	A study to evaluate the outcome following Anderson hynes pyeloplasty in hydronephrosis patients with Cummings stent and D – J stent
49.	A study on clinical profile of complicated malaria and its outcome with special reference to neurologic complications in children of 2 Years of age
50.	Study to determine relationship between parenting styles and self – esteem in adolescents attending the adolescent health clinic MC&H Kolkata
51.	A study of echocardiographic findings of multi – transfused β – thalassemia major patients in a tertiary care hospital in Kolkata
52.	Neasurement of joint cartilage thickness in healthy children by using ultrasound and assessing its changes in children with juvenile idiopathic arthritis
53.	Musculoskeletal manifestations of thalassemia and leukemia in children
54.	Clinical profile of childhood tuberculosis and outcome of DDTJ therapy under RNTCP at tertiary care centre
55.	A study on newborn hearing screening in an urban tertiary care hospital using otoacoustic emission (OAE) and brain stem evoked response audiometry (BERA) for detection of hearing impairment
56.	Study of association between snappe – II score standard sepsis screen and blood culture in predicting sepsis in neonates in a tertiary care hospital
57.	Validation of urine albumin creatinine ratio in nephrotic syndrome
58.	Study of arterial blood gas parameters as a predictor of immediate neonatal outcome in fetal distress
59.	Study of clinical and laboratory profile of enteric fever in pediatric age group in a tertiary care hospital in Kolkata
60.	Comparison of peak expiratory flow rate between children from rural and urban areas in and around Kolkata in West Bengal
61.	A case control study to identify risk factors for febrile status epilepticus

SL. NO	PATHOLOGY
1.	Morphometric study of uterine epithelial lesions with special reference to proliferative activity
2.	Study on cytological histological and biochemical correlation of thyroid diseases
3.	Spectrum of breast carcinoma in relation to ER, PR, her2neu status with special emphasis on triple negative subtypes
4.	Significance of interstitial cells of Cajal in chronic constipation of childhood
5.	Study of the frequency of RCC among patients with kidney tumors presenting in a tertiary care hospital with special reference to immunohistochemical markers vimentin and CK7
6.	Role of P16/K167 dual immunostaining in detection of cervical cancer precursors
7.	A study to analyze the patients of primary hyperparathyroidism with palpable parathyroid tumor by FNAC examination and histopathological examination with special reference to various associated molecular markers
8.	Spectrum of paediatric renal tumors with special reference to WT1 immunostaining in Wilms' tumor
9.	Aldehyde dehydrogenase1 (ALDH1) as a biomarker in breast carcinoma
10.	A study of coagulation inhibitors (protein C, protein S and antithrombin III) in recurrent unexplained foetal loss in a tertiary care centre
11.	A clinicopathological study of non melasmal hyperpigmented lesions of face
12.	A prospective study on the pattern and association of hyperlipidaemia in patients with cholelithiasis at BMC&H
13.	Clinical and Histopathological correlation of non infectious erythematous and papulosquamous lesions of skin with emphasis on psoriasis and lichen planus
14.	Sensitivity of perls' stain of buccal smear in screening of iron overload in thalassemia major cases of Rural south Bengal attending BMC&H
15.	Histopathological study of endometrium in non – pregnant female by endometrial biopsy taken through curettage to recognize and analyse the histopathological features of infertility related changes in endometrium
16.	Hydroxyurea response in relation with single nucleotide polymorphism in the HBB gene of the thalassemia subjects
17.	Clinical Cytological and histopathological evaluation of cervical neoplasia with special interest on study of expression of toll – like receptor 4 in cervical neoplasia
18.	Study of intraoperative touch imprint and scrape cytology and its correlation with preoperative fine needle aspiration and post operative histopathological findings in nonneoplastic and neoplastic lesion of breast
19.	Clinico – pathological evaluation of different breast carcinoma with special interest on the study of the expression of Her2 / Neu and toll – like receptor 4
20.	Role of CT guided FNAC in diagnosis of vertebral and para vertebral lesion
21.	Clinical Biochemical and cyto – histological evaluation of nodular goiter
22.	Clinical endoscopic & histological evaluation of gastroduodenal ulcerative & polypoidal lesions study in a tertiary care center
23.	Clinico pathological correlation of prostatic lesions and assessment of CK5/6 and AMACR expression in prostatic adenocarcinoma
24.	Incidental histomorphological changes of liver in autopsy cases
25.	Clinicopathological spectrum of cutaneous adnexal tumour
26.	Cytological study of pleural fluid and comparing it with the biochemical parameters to distinguish between malignant and nonmalignant condition
27.	A study of endometrium in cases of menorrhagia in the reproductive age group with hormonal evaluation and clinical correlation
28.	Role of bronchoalveolar lavage fluid and bronchial biopsy with correlation of CT scan images in diagnosis of centrally located suspected lung cancer
29.	Nuclear morphometric study of epithelial malignancy of breast and other benign lesions and correlation with histopathological diagnosis
30.	Correlation of FNAC of thyroid gland and anti TPO antibody in patients with enlarged thyroid gland
31.	Study of expression of Her2 / Neu on gall bladder carcinoma and its precursor lesions
32.	A study on comparative evaluation of cell block histopathology with special reference to immunohistochemistry over image guided fine needle aspiration cytology in radiologically suspected neoplastic lung lesions
33.	A comparative study between the fluorescent method and conventional ziehl nelson method in detection of acid fast bacilli in clinically suspected tuberculous lymph node aspirate
34.	Evaluation of role of cell block with immunohistochemistry in differentiating hepatocellular carcinoma from metastatic adenocarcinoma
35.	Study of skin tumors by fine needle aspiration cytology and its cytological and histological correlation
36.	A study of relation of perls stain positivity of exfoliated buccal mucosal cells with serum iron, tbc, and ferritin levels of transfusion dependant beta thalassaemia patients in a tertiary care institute of N.B.
37.	Clinico – pathological study of autoimmune thyroiditis with special reference to estimation of serum free T4, TSH and anti – TPO antibody
38.	Histopathological study on spectrum of skin lesions with clinicopathological correlation in a tertiary care teaching hospital
39.	Cytological assessment of salivary gland lesions with histopathological correlation in all possible cases along with judicious use of immunochemistry to accentuate diagnostic accuracy
40.	Relation of serum prostate specific antigen with distribution of mast cell in benign and malignant lesion of prostate
41.	Diagnostic correlation between fine needle aspiration cytology and radiological investigations with histopathology in bone tissue lesions
42.	Study regarding clinicopathological correlation of various cutaneous lesions in a tertiary care centre

43.	Study of Ki67 expression in prostate cancer
44.	Study of significance of endometrial cells in routine cervicovaginal smears in women aged 40 years and older
45.	Usefulness of brush and wash cytology in diagnosis of suspected lung malignancy in comparison to histology by using fiberoptic bronchoscopy
46.	Study of malignant and premalignant lesions of oral cavity and oropharynx with special reference to P53 and Ki67 antigen expressions
47.	Study of correlate histological type and grade of tumour with p53 mutation expression and Ki67 proliferative index in human breast carcinoma
48.	Histological grading and staging of liver biopsy specimen for assessment of chronic hepatitis with special reference to its etiology in patients attending a tertiary care hospital
49.	Immuno-histo-chemical analysis of primary breast carcinoma patients with correlation of trucut & post-operative histology – A tertiary care hospital study
50.	Evaluation of the changes in the gastric mucosa in carcinoma stomach with special reference to nature of mucin, presence of gastritis intestinal metaplasia and dysplasia in areas not affected by cancer
51.	Expression of p57 immunomarker in the classification and differential diagnosis of partial and complete hydatidiform moles
52.	Spectrum of histopathological changes in cutaneous lupus erythematosus with special emphasis on direct immunofluorescence
53.	Histopathological study of autopsied thyroid with special reference to CK – 19 immunoreactivity
54.	A study to assess the utility of cell block morphology and immuno-Cytochemistry for improving the pre-operative diagnosis of thyroid lesions
55.	A study to analyze the correlation between tissue expression of estrogen receptor progesterone receptor her2neu and thyroid function test in different types of thyroid lesions
56.	Study to assess the association of urine cytology with histopathological findings in the diagnosis of bladder cancer with special emphasis on ER expression in papillary urothelial neoplasm of bladder
57.	Clinicopathological study of functional dyspepsia and its relation with helicobacter pylori, the role of interleukins in its pathogenesis and the pathological changes in stomach and duodenum in these patients
58.	Morphometric study of uterine cervical epithelial lesions with special reference to proliferative activity
59.	Utility of IDH1 expression in human gliomas
60.	Correlation between cytology and histology in oral malignant & premalignant lesions & comparison between PAP, MGG & toluidine & blue stains & study of expression of p53/p16 INK4A immunostains in malignant cases
61.	To study the significance of fine needle aspiration cytology in pediatric abdominal mass in a tertiary care hospital
62.	Intra – operative squash cytology of CNS tumours with special emphasis on immunostains

SL. NO	PHARMACOLOGY
1.	Drug utilisation pattern of topical ocular antibiotics in a tertiary care ophthalmologic institute in eastern India
2.	Drug utilization pattern in patients with essential hypertension at a tertiary care centre in eastern India
3.	An observational study to evaluate the hematological and hepatic adverse effects of long term low dose methotrexate therapy in rheumatoid arthritis patients of India
4.	Antitumour activity of malabaricones in ehrlich ascites carcinoma (EAC) in mice
5.	Effect of malabaricones on multidrug resistant / sensitive cancer cell lines
6.	An observational study to evaluate the epidemiological trends of acute poisoning and drug overdosage in a tertiary care hospital of W.B.
7.	A randomized controlled trial of topical mupirocin versus mupirocin with sucralfate combination in chronic skin ulcers
8.	Role of dipeptidylpeptidase -4 (DPP-4) in pathophysiology of chronic liver disease
9.	A Prospective observational study on inhaled fluticasone propionate vs inhaled budesonide in mild to moderate asthma patients in a tertiary care hospital at Kolkata
10.	A comparative study on lipid profile among metformin vs glimepiride and metformin combination therapy in type 2 diabetes mellitus patients
11.	An observational study to assess the adverse drug reactions of cisplatin-etoposide vs carboplatin-etoposide in lung cancer patients in a tertiary care hospital of West Bengal
12.	Evaluation of the adverse reactions of antiretroviral drug regimens in a tertiary care hospital : A prospective observational study
13.	A study on drug induced liver injury among in-patients in a tertiary care hospital – A prospective observational study
14.	A study of insulin resistance and cell function in type 2 DM prescribed with oral metformin and injectable insulin at a tertiary health care centre
15.	A study on pharmacological interventions in hypertension in tertiary care hospital West Bengal
16.	Patient reported outcomes study on medical management of benign prostatic hyperplasia in urology out patients department in a medical college hospital of W.B.
17.	Drug utilization study in type 2 diabetes mellitus cases attending diabetes clinic of a tertiary care teaching hospital
18.	A randomized comparative study on the treatment of advanced female breast cancer using 5 – fluorouracil, doxorubicin and cyclophosphamide (FAC) versus 5 – fluorouracil, epirubicin and cyclophosphamide (FCE) combination chemotherapy
19.	Evaluation of adverse drug reaction profiles of chop and cnop regimens on patients of non hodgkins lymphoma a tertiary care hospital based prospective study

SL. NO	P.M.R.
1.	A study to assess the effects of supervised rehabilitation programme in patients of axial spondyloarthritis.
2.	Effectiveness of comprehensive cardiac rehabilitation in post CABH patient
3.	Camparision between intraarticular versus intramuscular depot methyl prednisolone administration in functional improvement of hand in patients suffering from rheumatiod arthritis
4.	Assessment of clinical and urodynamic improvement pattern in patients of detrusor sphincter dysynergia after pudendal nerve block with 5% aqueous phenol

SL. NO	IMMUNO - HAEMATOLOGY
1.	Therapeutic response to low dose platelet transfusion in haemato – oncological patients
2.	Prevalence of ABO, Rh phenotype, extended Rh kell antigen in voluntary blood donor population of South Bengal – A study from tertiary care hospital in eastern India.

SL. NO	PHYSIOLOGY
1.	A comparative study of heart rate variability (HRV) among adult hypertensive and normotensive subjects
2.	Comparative study of heart rate variability between obese and normal young adults in relation to posture
3.	Electromechanical evaluation of ventricular structure and function in normal subjects and in patients with ventricular dysfunction
4.	Study of the importance of clinical examination E.C.G. and lipid profile estimation in young hypertensive subjects
5.	Comparison of nerve conduction studies with magnetic resonance imaging in assessment of clinically diagnosed lumbosacral radiculopathy
6.	Study of heart rate variability in patients with chronic obstructive pulmonary disease
7.	A study on knowledge regarding diabetes among antenatal mothers
8.	An evaluation of pulmonary (Dynamic) function test before and after curative intent radiotherapy in inoperable lung cancer patients
9.	Evaluation of protein carbonyl and Vitamin C in semen of infertile male
10.	Study of cardiovascular reactivity to submaximal exercise test in healthy young adults with history of parental hypertension
11.	A study on association between mental health status and pulmonary function among patients attending a tertiary care institution of Kolkata
12.	A comparative study of the effect of rajyoga on cardiorespiratory parameters and level of stress in young adults
13.	A study on nerve conduction velocity in obese & non – obese adult person
14.	A comparative study of blood pressure changes in children having relapsing episode of nephrotic syndrome and initial episode of nephrotic syndrome at BMC&H
15.	Influence of gender on nerve conduction velocity in healthy adults in urban area of West Bengal, India
16.	Electrophysiological study in asymptomatic type1 diabetic patients with other microvascular complications
17.	Evaluation of autonomic function in hypothyroid patients before and after L-thyroxine therapy
18.	A study of cardiovascular autonomic functions in diabetes mellitus patients
19.	Effect of Antihistaminic drug on spatial learning and memory retention of rats in morris water maze
20.	Study of the effects of anemia on brainstem evoked potential in children of pubertal age group
21.	A study of anxiety and depressive symptoms and its relation with executive functions in case of subclinical hypothyroidism
22.	A study to assess the prevalence of Vitamin D deficiency among population with hypothyroidism attending NBMC&H
23.	A study of cardiovascular autonomic function tests in alcoholic type – 2 diabetic subjects attending NBMC&H
24.	A correlational study between exercise capability with total body fat percentage and skeletal muscle percentage in male students aged from 10 to 25 years
25.	Spirometric Evaluation of adult SLE patients and its relation with duration disease activity and damage index

SL. NO	PSYCHIATRY
1.	Assessment of cognitive functions in bipolar affective disorder patients in euthymic state – A cross sectional study in a tertiary set up in Kolkata
2.	A study on job related stress, coping strategy among school teachers and their knowledge attitude and practice regarding a substance use done in different schools of W.B. India
3.	Nature and extent of anxiety and depressive disorders in children
4.	The prevalence of metabolic syndrome among patients of schizophrenia : A cross sectional hospital based study
5.	A study on the occurrence of schneiders first rank symptoms in newly diagnosed cases of schizophrenia attending psychiatry OPD of tertiary care hospital
6.	Lifetime alcohol consumption and its correlation with severity cases of alcohol dependence syndrome
7.	A comparative study of incidence of new onset of obsessive compulsive symptoms in patients taking atypical antipsychotics (olanzapine, risperidone, clozapine) & haloperidol
8.	A comparative study of childhood adolescent and adult onset obsessive compulsive disorder with respect to phenomenology genetic loading quality of life executive function & correlates of insight
9.	Use of dimensional yale-brown obsessive compulsive scale (DY_BOCS) for assessment of obsessive compulsive spectrum in patients with obsessive – compulsive disorder and the prevalence of the spectrum in their first degree relatives
10.	A study on use of volatile solvents : Its clinical socio – demographic profile psychiatric co – morbidities genetic loading and quality of life
11.	Prevalence of internet addiction among medical students and its relation with personality dimensions and coping styles
12.	Exploring psychological aspects of sexuality in patients with Dhat syndrome and its comparison with control group

SL. NO	RADIOTHERAPY
1.	A prospective randomized comparative study between concurrent Chemoradiation with brachytherapy boost versus concurrent chemoradiation alone in locally advanced cancer oesophagus
2.	A prospective feasibility study on toxicity & quality of life of post – mastectomy external beam radiation followed by HDR surface mould brachytherapy boost in high risk cases
3.	A comparative study of toxicity & response to accelerated radiotherapy (6 days in a week vs. concomitant chemo – radiotherapy) (intravenous cisplatin & 5 fluorouracil 3 weekly with conventional radiotherapy) in locally advanced squamous cell carcinoma esophagus
4.	Incidence of primary hypothyroidism in patient exposed to therapeutic external beam radiation where radiation portals include a part or whole of the thyroid gland
5.	A prospective comparative study of skin & mucosal toxicity with intact thermoplastic immobilisation device Improved by making a window corresponding to radiation portal in locally advanced head & neck cancer treated with concurrent chemo-radiation
6.	A prospective study evaluating tumour volumes as a predictor of clinical outcome in locally advanced head and neck carcinoma following chemoradiotherapy with weekly cisplatin 40mg /m ² along with conventional radiotherapy
7.	Prospective randomized comparative study of external beam radiotherapy alone with three weekly zoledronic acid versus external beam radiotherapy alone in metastatic bone disease for palliation of pain
8.	A randomized prospective study comparing the efficacy and toxicity of weekly cisplatin versus weekly carboplatin as concurrent chemoradiation in locally advanced head and neck cancer
9.	Comparative study of locally advanced head and neck cancer treated by induction chemotherapy with paclitaxel + carboplatin + carboplatin + ifosfamide versus paclitaxel + carboplatin followed by concurrent chemo-radiotherapy with weekly injection cisplatin 30mg / m ²
10.	A comparative study of induction chemotherapy followed by radiotherapy versus concurrent chemo-radiotherapy in locally advanced squamous cell carcinoma of esophagus : A randomized controlled trial
11.	Role of concurrent chemo-radiation using weekly gemcitabine versus concurrent chemo-radiation using weekly cisplatin in locally advanced cancer of uterine cervix : A prospective study
12.	A prospective randomized comparative study between single versus five fractions dose schedule of external beam radiotherapy in bone metastasis for palliation of pain
13.	A prospective randomized study of comparison of concomitant boost radiotherapy against concurrent chemoradiation in squamous cell cancer in head & neck region
14.	A prospective randomized study to compare concurrent chemoradiation versus hypofractionated chemo-radiation in locally advanced cervical cancer
15.	A prospective randomized study of concomitant chemoradiation in locally advanced head and neck carcinoma comparing conventional fractionation versus hyperfractionated accelerated irradiation
16.	Assessment and comparison of quality of life and sexual function before and after radical concomitant chemoradiation in patients with carcinoma cervix
17.	Neoadjuvant chemotherapy comparing doxorubicin and cyclophosphamide versus dose dense doxorubicin and cyclophosphamide in locally advanced female breast cancer : A prospective randomized trial
18.	Concurrent chemoradiation with weekly injection cisplatin versus weekly injection carboplatin in locally advanced carcinoma cervix – A prospective randomized study
19.	A prospective randomized comparative study between concurrent Chemoradiation with brachytherapy boost versus concurrent chemoradiation alone in locally advanced cancer oesophagus

SL. NO	RESPIRATORY MEDICINE
1.	Sources of previous TB drugs exposure for patients registered in RNTCP as previously treated cases
2.	Level of serum hydrogen sulfide (H ₂ S) in chronic obstructive pulmonary disease
3.	A study on lung cancer with pleural effusions.
4.	A comparative study of induced sputum cytology in COPD and asthma and their correlation to disease severity
5.	Study of safety and efficacy of povidone iodine pleurodesis in malignant pleural effusion and pneumothorax
6.	Aetiological analysis of empyema and its relation with duration of hospital stay and intercostal chest drainage
7.	A study of clinico – radiological and microbiological profile in patients with bronchiectasis in a tertiary care hospital
8.	Application of bedside ultrasonography in thoracic diseases
9.	Study of six minute walk test in asthma patients and correlation with pulmonary test (Specially fev 1 and pef).
10.	25 – hydroxy Vitamin – D level in tuberculosis : A cross sectional study in a tertiary care centre
11.	Study on investigation modalities for establishing the etiologic diagnosis of pleural effusion among hospitalized patients – A prospective study in a tertiary hospital
12.	A study on Diagnostic modalities and differential diagnosis of smear negative pulmonary tuberculosis
13.	Electrocardiographic changes in stable chronic Obstructive Pulmonary disease patients & its correlation to severity of airflow obstruction Serum – C reactive protein & Pulse Oximetry
14.	Prevalence of bronchiectasis in moderate & severe chronic obstructive Pulmonary Disease Patients

SL. NO	TROPICAL MEDICINE
1.	A cross – sectional study on renal involvement among people living with HIV.
2.	A clinical study of short duration fever in HIV infected individuals with special reference to bacteraemia
3.	A clinic-microbiological and molecular study of urinary tract infection among patients of a tertiary care hospital with particular reference to E.coli
4.	Upper gastrointestinal endoscopic findings in people living with HIV/AIDS (plha) with or without antiretroviral therapy(art) correlating with clinical features
5.	A study on etiopathological evaluation of anaemia in newly diagnosed hiv-infected adults at a tertiary health care centre.
6.	An observational study on the clinic-haematological profile of patients with thalassemia and other haemoglobinopathies attending a speciality clinic of a Govt. hospital and on the treatment outcomes with special reference to hydroxyurea in thalassemia intermedia
7.	A study of clinical spectrum of lymphatic filariasis with special reference to renal involvement

SL. NO	GENERAL SURGERY
1.	Prevalence of helicobacterplori positivity in perforated peptic ulcer cases in a rural teaching hospital
2.	Correlation between positive biliary culture and subsequent wound infection after biliary surgery
3.	The role of ileostomy in the management of ileal perforation and its outcome in a rural based tertiary centre
4.	Clinicopathological study of thyroid malignancy in solitary thyroid nodule in a tertiary care rural based hospital
5.	A demographic and clinical evaluation of blunt abdominal trauma in a rural based tertiary care hospital
6.	Evaluation of breast diseases by triple test with ultrasonography as 4 th component
7.	A clinicopathological study on cyclical mastalgia with special reference to serum estrogen level and breast volume
8.	Effect of stitch length on wound complications after closure of midline incisions
9.	Overview of Iatrogenic ureteric injury in a tertiary centre – A prospective study
10.	Multivariate analysis of the pathological status of the axillary lymph node in a clinically negative axilla with carcinoma breast
11.	A study on incidence of genetic mutation and various modes of clinical presentation in gall bladder carcinoma
12.	Study of demographic profile & prevalence of genetic mutation in pancreatic ductal adenocarcinoma
13.	A comparative study of the outcome measures of reconstructive procedure (LD / TRAM – flaps) following MRM for carcinoma breast
14.	A clinical study on etiopathogenesis management strategies and outcome in cases of non traumatic ileal perforation
15.	A comparative study of the bacteriological profile of peritoneal fluid collected preoperatively and of the postoperative wound of patients undergoing exploratory laparotomy for peritonitis
16.	Management of corrosive of upper gastro – intestinal tract
17.	A comparative study of post – operative complications following inguinal hernioplasty done under local anaesthesia or under regional anaesthesia
18.	Comparative study of different skin closure techniques with special reference to closure with skin staplers
19.	Prospective comparative study – closed suction drain Vs corrugated rubber drainage in the modified radical mastectomy wound
20.	A study on correlation between clinical radiological and intraoperative findings in patients undergoing exploratory laparotomy for perforative peritonitis
21.	Study of factors independently affecting number of lymph nodes harvested in colorectal carcinoma resection
22.	Evaluation of risk factors of burst abdomen patients undergoing emergency laparotomy
23.	A study of correlation between the size of primary tumour and involvement of axillary lymph nodes in cases of breast cancer
24.	An evaluation of the outcome following repair of nyhus type I & II groin hernia by herniorrhaphy in age group between 15 and 30 years
25.	Evaluation of pain in chronic pancreatitis with special reference to its management by various modalities
26.	A study of complications of colostomy and the risk factors influencing such complications
27.	A study to compare different diagnostic techniques for detection of microbial flora in diabetic foot infections
28.	Clinical study and management of primary varicose veins of lower limb
29.	Comparison between ranson criteria and apache II scoring systems in cases of acute pancreatitis
30.	Post operative course complications and follow up of patients undergoing bilio – enteric anastomosis
31.	A study of preoperative prediction of difficult laparoscopic cholecystectomy using clinical and radiological parameters
32.	Evaluation of mechanism spectrum and outcome of hollow viscus injuries in abdominal trauma
33.	Assessment of quality – of – life (QOL) in patients undergoing Lichtenstein tension free inguinal hernia repair
34.	Study of clinical presentation spectrum of liver abscess with special reference to microbiological status
35.	Mastalgia – A study of different treatment modalities : reassurance with or without NSAIDs evening primrose oil danazol and tamoxifen
36.	A comparative study of laparoscopic versus open herniotomy in paediatric age group of 5 to 12 years with special reference to outcome
37.	A comparative study between low pressure laparoscopic cholecystectomy Vs. standard pressure laparoscopic cholecystectomy with regards to intraoperative cardiorespiratory changes post operative course and convalescence
38.	A comparative evaluation of X – Ray and computed tomography scan in blunt thoracic trauma with special reference to management
39.	Evaluation of mechanism spectrum and outcome solid organ injuries in abdominal trauma
40.	A study for evaluation of the causes of right iliac fossa pain following appendectomy
41.	A comparative study between laparoscopic transabdominal preperitoneal (TAPP) and laparoscopic total extraperitoneal (TEP) repair of groin hernias
42.	Clinical study of breast cancer correlation with ER/PR status and its prognostic significance
43.	Correlation between benign prostatic hyperplasia and components of metabolic syndrome
44.	A study of spectrum of diseases and management of the exocrine pancreas
45.	Critical evaluation of primary failure of surgically created vascular access for hemodialysis in patients of chronic kidney diseases
46.	Evaluation of the outcome of palliative surgery and chemotherapy in advanced cases of gallbladder carcinoma and cholangiocarcinoma in a rural medical college hospital in India – An observational study
47.	A study of comparison between computerised tomographic scan findings and intraoperative findings in cases of carcinoma stomach undergoing surgery

48.	A clinical Study on Evaluation of Perioperative risk factors for surgical site infection in colorectal surgery
49.	A study on peptic perforation and its known related factors among the patients admitted at NBMC&H
50.	Clinicopathological study of diabetic foot gangrene and comparison of efficacy between conventional dressing (Povidone Iodine) Vs. local sucralfate phenytoin and L – Lysine as wound dressing following surgical debridement
51.	A comparative study between anatomical versus open pre – peritoneal subway mesh repair in management of incisional hernias
52.	Risk factors associated with acute wound failure following elective and emergency abdominal interventions
53.	A study to assess preoperative factors predicting conversion laparoscopic cholecystectomy to open cholecystectomy
54.	A clinical and investigative profile study of liver abscess with reference to their management
55.	Role of imaging study in diagnosis of acute appendicitis and its correlation with Alvarado score
56.	A study on the role of flatus tube in the management of sigmoid volvulus
57.	A comparative study on lateral sphincterotomy versus medical management of chronic anal fissure
58.	A prospective study on clinicopathological correlation of perforative peritonitis in a rural based tertiary care hospital
59.	Hyperbilirubinemia in acute appendicitis and its role as a predictor of perforated appendicitis
60.	Study of epidemiology of superficial bladder tumour
61.	A study on clinical profile and management of dominant thyroid nodule in rural population
62.	A study of the conversion rate of laparoscopic cholecystectomy with special reference to rural population
63.	A comparative study to evaluate the changes in the level of serum liver enzymes after laparoscopic cholecystectomy Vs. open cholecystectomy
64.	A study of chronic cholecystitis with special reference to analysis of gall bladder stone in a rural based teaching hospital
65.	A study on efficacy foam sclerotherapy in comparison to popular surgical methods in lower limb varicose vein treatment
66.	A clinical study on the role of ileostomy in ileal perforation and its outcome
67.	A prospective and comparative study on continuous Vs. interrupted (smead – jones far and near) technique for sheath closure in midline laparotomies for perforative peritonitis
68.	A prospective study to determine the effect of ulcer size ulcer duration of diabetes glycaemic control infection lower limb ischaemia and neuropathy on outcome of diabetic foot ulcer
69.	Prospective study of surgical site infection in laparotomy wounds with antibiotic lavage
70.	Study of skin staples and conventional suture for abdominal skin wound closure
71.	Evaluation of complications in 'open' prosthetic mesh repair of midline incisional hernias – A prospective study
72.	Prospective and observational study of effect of neoadjuvant chemotherapy on operability of the tumour mass and on axillary lymph node status in locally advanced breast carcinoma
73.	Clinical study of carcinoma gall bladder with special reference to its management
74.	Clinicopathological study of diabetic foot ulcer with particular reference to risk factors and its management outcome in a tertiary care hospital Kolkata
75.	A study on importance of molecular subtyping as a prognostic indicator of breast carcinoma
76.	Observational study of routine measurement of intra – abdominal pressure through trans – vaginal route and correlation between raised intra – abdominal pressure and adverse outcomes in laparotomy patients
77.	A study on the epidemiology and clinic – pathological profile of triple negative breast cancer
78.	Role of abdominal drain in uncomplicated open cholecystectomy : A prospective randomized controlled study
79.	Comparison and assessment of surgical method in respect to roux en y jejunum – jejunostomy made by end to side versus side to side anastomotic technique
80.	A comparative study of repair of complex ventral hernias with double mesh repair (sandwich technique) and single mesh repair in adult patients admitted in general surgical wards
81.	Prospective comparative study between small incision open cholecystectomy and laparoscopic cholecystectomy
82.	A prospective randomized study of tension free inguinal hernia repair by lichtenstein's technique and pure tissue repair using external oblique aponeurosis flap
83.	A clinicopathological study of acute appendicitis and comparison between USG laboratory data & alvarado score on diagnosis
84.	Physiological changes in laparoscopic and open cholecystectomy a prospective and analytical study
85.	A study on early complication of total parenteral nutrition in emergency & elective pre & post operative adult surgical patient
86.	Comparison between suction drain and no suction drain after breast surgery
87.	A comparison of study
88.	Assessment of feasibility and result of aggressive surgical treatment with radical cholecystectomy in case of carcinoma gall bladder
89.	Evaluation of bisap scoring in acute pancreatitis

SL. NO	GENERAL MEDICINE
1.	A study of compare the clinical features & laboratory findings of seroposttive & seronegative cases of rheumatoid arthritis
2.	An observational study of cliniaopathological correlation of palmomental reflex with CDA count and CSF study in HIV positive patients in MCH
3.	Study of the prevalence of arthropathy in systemic lupus erythematosus in MC &H
4.	Study of assessment of serum and CSF C – reactive protein and CSF adensine de aminase level in meningitis in adults
5.	Study for detection and prediction of outcome of sepsis clinical and biochemical methods
6.	A study on evaluation of Etiological factors in ischemic stroke in a tertiary care centre
7.	A study on the clinic – haematological profile of patients of non – transfusion dependent thalassemia (NTOT) attending thalassemia clinic at a tertiary care centre in Kolkata
8.	Study on spectrum of anemia in chronic liver disease
9.	Study of skin changes hand abnormality and pulmonary manifestation in diffuse scleroderma
10.	Prevalence of hepatopulmonary syndrome in chronic liver disease patients
11.	A clinicopathological study of mediastinal masses in a tertiary care hospital
12.	Aetiopathology and associated comorbidities in erythema nodosum : A clinicopathological study
13.	Occurrence and outcome of opportunistic infections among haart experienced patients in a tertiary care hospital in Kolkata
14.	A clinicopathological study of ascites with special reference to malignant etiology in a tertiary hospital in Kolkata
15.	Study of clinicopathological biochemical changes in cohorts of plasmodium vivax and plasmodium falciparum malaria cases in a tertiary care hospital in Kolkata
16.	A prospective observational study of aetiology and outcome of fever patients admitted in a tertiary care hospital in Kolkata
17.	Study on effect of first line haart on ankle brachial pressure index among HIV infected individuals in a tertiary care hospital in Kolkata
18.	A study showing the prevalence of delayed puberty in female patients with HBE- β thalassemia and its relation to chelation therapy
19.	Estimation of serum IgE in seropositive patient presenting with dermatosis and its correlation with CD4 count
20.	An endoscopic study on variceal and non – variceal UGI bleed in medical college Kolkata
21.	A comparison of RAPID3 (Routine assessment patient index data 3) with DAS28 (disease activity score) & CDAI (clinical disease activity index) for monitoring disease activity of rheumatoid arthritis patients attending rheumatology OPD of medical college Kolkata
22.	Finding possible surrogate markers of renal biopsy in patients of lupus nephritis
23.	A study on Prevalence of subclinical hypothyroidism in chronic kidney diseese
24.	A comparative study of dyslipidemia in diabetic patients with nephropathy and diabetic patients without nephropathy
25.	A study of different ultrasonographic parameters correlation with serum creatinine in chronic kidney disease
26.	Utility of the electrocardiogram in drug overdose and poisoning : Theoretical consideration and clinical implications
27.	A study of serum uric acid level in chronic kidney disease and its correlation with glomerular filtration rate
28.	A study for assessment of abnormality in renal function in haart navie HIV infected patient attending a tertiary care hospital in West Bengal
29.	A study of hepatic steatosis etiological clinical and metabolic profile
30.	Role of pet CT scan In bronchogenic carcinoma and its corelation with EGFR and ALK – 1 in assessing disease activity
31.	Correlation of various estimated GFR formulae with DTPA GFR
32.	A clinico – pathological study of biopsy proven kidney diseases in a tertiary care hospital
33.	Study of microalbuminuria as a risk factor for adverse cardiovascular outcomes in adult diabetics
34.	Cardio renal correlation in type 2 diabetes mellitus
35.	Study of synovial involvement in early cases of rheumatoid arthritis by power Doppler ultrasound : Assessment of therapeutic response
36.	Spectrum of clinical manifestations of tuberculosis in a tertiary care hospital
37.	Prevalence of microalbuminuria in different grades of hypertension
38.	Study of cardiovascular autonomic neuropathy among type 2 diabetic patients with nephropathy in a tertiary medical centre
39.	A study of prevalence and possible risk factors of hypertension among adult population 20 – 60 years of age
40.	A randomized controlled trial comparing the efficacy of a combination of rifaximin and lactulose with lactulose only in the treatment of overt hepatic encephalopathy
41.	Toxicity and tolerability of tenofovir in tenofovir based first line anti retroviral therapy in ART naïve patients
42.	A comparative study of pulmonary function test in patients with type 2 diabetes mellitus and normal individuals
43.	Echocardiographic evaluation of diastolic dysfuntion in patients with type -2 diabetis mellitus in a tertiary care centre of North Bengal
44.	Magnitude of diastolic dysfunction in newly diagnosed ankylosing spondylitis patients
45.	Evaluation of platelet count and C- reactive protein in acute malaria patients admitted in a tertiary care hospital and their correlation with outcome
46.	A study to assess the pvvalence of microalbuminuria and its correlation with CD4 T cellcount in patients with HIV - AIDS
47.	Correlation between high sensitivity CRP (hs-CRP) and glycated haemoglobin (HbA1c) in newly diagnosed type 2 diabetes mellitus patients
48.	Evaluation of pulmonary Manifestations of rheumatoid artheritis with special reference to changes in pulmonary function
49.	Serial Assessment of microalbuminuria in controlled type 2 diabetes hellitus by use of newer generation angiotensin receptor bloker (telmisartan and olmesartan
50.	Estimation of HBA1C in patients admitted with ischemic cerebrovascular accidents and its prognostic significance

51.	Combination of hs – CRP and homocysteine levels as predictors of short term outcome in acute ischemic stroke
52.	Small dense LDL in acute coronary syndrome
53.	Dilated cardiomyopathy in patients with alcoholic disease
54.	An observational study of prevalence of Vitamin D deficiency in compensated or decompensated cirrhotic patient
55.	Incidence of immune reconstitution inflammatory syndrome of (IRIS) among patients during first six months of initiation of antiretroviral therapy in a tertiary care hospital
56.	A study to determine the correlation between Vitamin D deficiency with fibro myalgia in a tertiary care hospital in Kolkata
57.	Hyponatremia in cirrhosis of liver and its prognostic significance : A prospective observational study
58.	Prevalence of peripheral neuropathy in patients with rheumatoid arthritis
59.	A study of C – Reactive Protein (CRP) level in Systemic Lupus Erythematosus (SLE) patient in a tertiary care hospital
60.	Study on clinical and etiological profile of pancytopenia in a tertiary care hospital
61.	A comparative study of lipid abnormality in ischemic and haemorrhagic stroke with special reference to tribal population of Bankura & Purulia, W.B.
62.	Profile of acute kidney injury in haematotoxic snake bite
63.	A study of clinical profile of gestational diabetes mellitus in a tertiary care hospital with special reference to tribal population
64.	A clinical study of ischemic stroke in relation to the prevalences of carotid artery stenosis
65.	A study on association of postprandial hypertriglyceridemia and carotid intima – media thickness in patients with type2 diabetes mellitus
66.	Study of electrolyte abnormality in acute stroke with special reference to clinical presentation and outcome
67.	Study of aetiology and clinical profile in patients with atrial fibrillation
68.	A study of serum uric acid levels in subjects of essential hypertension with special reference to age and body mass index (BMI) in a tertiary care hospital in eastern India
69.	A study on clinical presentation of stroke and assessment of its short term outcome in a tertiary care hospital
70.	Prevalence of ascitic fluid infection (AFI) among hospitalized medically ill patients
71.	Assessment of prevalence of pulmonary tuberculosis in patients of tuberculous pleural effusion
72.	Study of comparison of serum lipid profile between ischaemic and haemorrhagic stroke
73.	A study to evaluate the role of high sensitivity c – reactive protein in cerebrovascular accidents in a tertiary centre of West Bengal
74.	An Etiological study of pericardial effusion clinically and by echocardiography guided pericardial fluid aspiration and analysis
75.	Prevalence of microalbuminuria in non – diabetic hypertensive patient and its correlation with cardiac risk
76.	Measurement of pleural fluid cholesterol level and its role in differentiating between exudative pleural effusion and transudative pleural effusion & transudative pleural effusion
77.	Evaluation of troponin-T in chronic obstructive pulmonary disease and to find out whether troponin – T level is related to outcome of acute exacerbation of COPD patients during hospital stay
78.	A study to determine the role of thoracic ultrasonography in evaluation and follow – up of patients with interstitial lung disease in systemic sclerosis
79.	Comparative study between national institute of health and euro – lupus regimen on management of lupus nephritis patients with special reference to clinical and laboratory parameters in tertiary centre
80.	Study on prevalence of cardiac involvement in takayasu's arteritis and its relation with age of presentation and disease activity in a tertiary care centre
81.	A study on correlation between microalbuminuria and ultrasonographically measured carotid artery intima media thickness in type 2 diabetes mellitus subjects
82.	Renal function test in people living with HIV with special reference to the effect of tenofovir
83.	Study of bone health in overweight and obese adults with non – alcoholic fatty liver disease
84.	A study of the prevalence of gestational diabetes mellitus with special reference to its risk factors and the possible use of 75 – gram random OGTT for its diagnosis
85.	A study of periodontitis in diabetic patients with special reference to nephropathy
86.	Study of the correlation between fat mass and lean mass with measures of bone health in overweight and obese south Asian adults
87.	Infection in mechanically ventilated patients versus nonventilated patients in general intensive care unit : prevalence drug sensitivity pattern response & outcome
88.	Prevalence of urinary tract infection in general medicine ward in a tertiary care hospital its bacteriological profile and antibiotic sensitivity
89.	Prevalence of pulmonary arterial hypertension in chronic kidney disease patients and correlation with its stages
90.	A clinical study on EMG-NCV changes in patients with primary hypothyroidism in a tertiary care hospital in Kolkata
91.	A study of bone mineral density in patients below 50 years being treated with levothyroxine
92.	Prevalence of subclinical atherosclerosis and endothelial dysfunction in patients with SLE as measured by carotid intima medial thickness and flow mediated VASO dilatation
93.	Hematological profile in hypothyroid patients in a tertiary health care centre
94.	Significance of serum gamma – glutamyl transferase (GGT) levels in first degree relatives of type – 2 diabetic patients
95.	A cross sectional study of peripheral neuropathy associated with chronic liver diseases
96.	Clinicoradiologic profile of hemorrhagic stroke patients with special reference to cognitive dysfunction in a tertiary care hospital
97.	An observational study of sex differences in clinical presentation, severity and risk factors of stroke patients admitted to general medicine dept. of medical college & hospital, Kolkata

SL. NO	MICROBIOLOGY
1.	A study on resistance of klebsiella pneumoniae isolated from suspected cases of community acquired lower respiratory tract infection from a tertiary care hospital Kolkata
2.	Effect of glucose on in – vitro antimicrobial susceptibility of klebsiella species isolated from cases of urinary tract infection in a tertiary care hospital Kolkata
3.	Prevalence of different parasite in stool samples and their relationship with blood CD4 counts in FIV infected / AIDS patients attending in a tertiary care hospital Kolkata
4.	Comparison of basal core promoter region mutation A1762T / G1764A among mono – infected HBV patients and co – infected HIV – HBV patients
5.	A comparative study on bacteriological profile of nosocomial urinary tract infection in immunocompetents and immunocompromised (HIV/AIDS) and their antibiogram pattern
6.	Studies on bloodstream infection related with central venous catheter and urinary catheter in post cardiac surgery patients in a tertiary care hospital
7.	Comparative study of IGM Elisa and RTPCR for early detection of Japanese Encephalitis in a tertiary care hospital
8.	A study evaluating conventional and automated system of culture for isolation of mycobacteria with special reference to MPT64 antigen
9.	A study of Virus specific Igm in serum in early and late stages of Japanese encephalitis patients
10.	Association of biofilm colonization in chronic treatment refractory infections presenting with discharging sinuses
11.	Isolation identification and drug sensitivity study of aerobic and anaerobic organism responsible for bed sore and monitoring change of microbial population following standard treatment in a tertiary care hospital
12.	A study on carbapenem resistant gram negative bacterial infections in critically care hospital, Kolkata
13.	Clinico mycological study of superficial mycoses in a tertiary care hospital at Kolkata
14.	A study on aerobic bacterial and mycological profile of chronic suppurative otitis media with special reference to the antibacterial susceptibility pattern of the aerobic bacterial isolates in a tertiary care hospital in Kolkata
15.	A mycological study of clinically suspected onychomycosis cases attending the dermatology outpatient department in a tertiary care hospital, Kolkata
16.	Phenotypic speciation of staphylococcal isolates from different clinical samples in a tertiary care hospital
17.	Study on species identification of candidal isolates obtained from different clinical samples with special reference to their antifungal susceptibility patterns in a tertiary care hospital, Kolkata
18.	Bacteriological profile and antibiogram of catheter associated urinary tract infection in intensive care unit patients of RGKMC&H.
19.	A study on bacteriological profile and antibiogram of post – operative wound infections in a tertiary care hospital in Kolkata
20.	A study of rotaviral diarrhea in children attending Burdwan Medical College & Hospital and their vaccination status
21.	Microbiological profile of intravenous catheter – related infections in Burdwan Medical College & Hospital, West Bengal
22.	A bacteriological study on conjunctivitis patients attending BMC&H
23.	A study of prevalence and antibiotic sensitivity pattern of proteus SP. Isolated from patients attending BMC&H
24.	A study on the comparative sensitivity of smear microscopy solid and liquid culture methods and a newer molecular technique in the isolation of Mycobacterium tuberculosis complex in paucibacillary pulmonary and extrapulmonary clinical samples
25.	Study of the synergistic action of nano – silver with ciprofloxacin amikacin & piperacillin on various bacterial strains

SL. NO	RADIODIAGNOSIS
1.	To determine the utility of CT – colonography (64 slice MDCT) scanner for evaluating lesions of large intestine in patients referred for colonoscopy
2.	Comparison of the detectability of vertebral metastasis on 1T MRI versus F-18 sodium fluoride PET - CT Scan in diagnosed cases of malignancy
3.	A study to find out the correlation of stage of Alzheimer disease patients with radiological markers by MRI brain
4.	A study of MRI Breast with special reference to diagnostic accuracy and assessment of multifocality of carcinoma breast
5.	HRTC scan evaluation of temporal bone cholesteatoma and its correlation with peroperative findings
6.	Comparative study of ultrasonography magnetic resonance imaging & laparoscopic findings of pelvic endometriosis with histopathological correlation
7.	A study to find out the role of MRI in differentiating idiopathic and atypical parkinsonian syndrome
8.	The role of CT Scan in evaluation of osteomeatal complex anatomic variants in patients of chronic sinusitis
9.	Role of ultrasonography in diagnosis and characterization of neck masses in paediatric patients
10.	Multiparametric evaluation of testicular and scrotal diseases using high frequency ultrasonography & colour Doppler with operative and pathological correlation wherever relevant
11.	The role of ultrasonography in pattern recognition of thyroid nodules with cytological and histopathological correlation
12.	A study on evaluation of knee osteoarthritis with MRI and comparing it with CT Scan high resolution USG and conventional radiography
13.	A study on concordance of radiological and cytological parameters in cases with clinically suspected malignant breast tumor
14.	CT evaluation of ischemic stroke and its correlation with carotid artery Doppler
15.	Evaluation of peritoneal lesions by ultrasonography and CT Scan with histopathological / FNAC correlation
16.	Value of sonography and computed tomography in determining the nature of pleural effusion with clinicopathological correlation
17.	Nuchal translucency measurement as a screening procedure in fetuses of elderly pregnant women and its outcome – a study to predict fetal chromosomal and congenital anomalies
18.	Assessment of meniscal and ligamentous injuries of the knee using MRI : Comparison with arthroscopy
19.	Role of multiparametric MRI in clinically suspected prostate cancer patients prior to TRUS guided biopsy
20.	Role of gray scale ultrasound and colour Doppler velocimetry in characterizing adnexal masses in perimenopausal women

SL. NO	COMMUNITY MEDICINE
1.	Medical Emergencies and care seeking behaviour among geriatric population in a rural community of W.B.
2.	Accident preparedness and causes of accidents among motorised two – wheeled vehicle users in a rural community of West Bengal
3.	Beliefs and practices regarding indigenous system of medicine : A cross – sectional study in a rural community of West Bengal
4.	A study on warm blooded animal bites related care seeking behavior in a rural community of West Bengal
5.	Nutritional status with special reference to overweight and obesity among under five children in a rural community of W.B.
6.	A cross sectional study on risk factors of non-communicable diseases among rural tribal adult population of siliguri subdivision of Darjeeling district W.B.
7.	A study on factors related to default among tuberculosis patients registered under revised national tuberculosis control programme in Darjeeling dist. W.B
8.	A study on self medication among Adult population of siliguri municipal corporation area West Bengal
9.	A controlled study on the effectiveness of application of healthbelief model in menstrual health education among school going adolescent girls in a rural area of W.B.
10.	An Epidemiological study on adult females living with HIV/AIDS attending an anti – retroviral therapy centre in Kolkata
11.	A cross – sectional study on occupational morbidity among agricultural workres in a rural block of W.B.
12.	A study on metabolic syndrome among workers in an industrial area in Howrah Dist. West Bengal
13.	Assessment of physical psychological and financial status of adult diabetic patients : A cross – sectional study in BSMC, Bankura, W.B.
14.	An assessment of the utilization of maternal healt care services in gangajalghati block of Bankura Dist., W.B.
15.	A study of reproductive tract infections among women of reproductive age group in slums of burdwan municipal area West Bengal
16.	A study of risk factors for lifestyle diseases among medical students of BMC, Burdwan, W.B.
17.	A study on blood transfusion services at BMCH, Burdwan, W.B.
18.	A study on cold chain system in district and sub – district vaccine storage points and immunization session sites in rural areas of Burdwan District of W.B.
19.	Study on burden and pattern of child injury in slums of Burdwan municipality W.B.
20.	A study on morbidity profile of the shoemakers working in footwear factories in a slum area of Kolkata
21.	A of the quality of life of cervical cancer patients attending radiotherapy dept. of medical college, Kolkata
22.	A study on cost cost care at different service delivery levels of government health facilities in West Bengal
23.	Assessment of empowerment among women of reproductive age group in a rural area of West Bengal
24.	A comparatives study on knowledge attitude and practice regarding tobacco use among males above 15 years in a rural and an urban community of WB
25.	An interventional study on fostering resilience by health empowerment among school – going adolescents in a tribal area of West Bengal
26.	A cross- sectional study on risk factors of non – communicable diseases among students of a higher – secondary school of tarakeswar block, Hooghly dist., W.B.
27.	A cross- sectional study on awareness and practice regarding vector borne diseases among people living in a slum area of Kolkata, West Bengal
28.	Nutritional status and morbidity profile of tribal and nontribal children (Under 5) in Purulia Dist., West Bengal : A Comparative study