

## ANATOMY

SL. NO	
1.	Significance of radiological measurements of calcaneum in posterior heel pain in North Bengal population
2.	A clinico anatomical study of variation of height of medial longitudinal arch of foot among population of different age group in southern part of WB & Kolkata
3.	Dermatoglyphic study in patients of type II diabetes mellitus in a tertiary care hospital of WB
4.	Histological study of uterine cervix in above 40 years of age patient attending gynecology O.P.D. of Burdwan Medical College & Hospital c/o abnormal vaginal discharges
5.	Age and Sex determination from sterna measurement in adult Bengali population in Burdwan District
6.	Study on the histological changes of endometrium in peri – menopausal and post – menopausal women with abnormal uterine bleeding admitted for hysterectomy in BMC &H
7.	A study on Dermatoglyphics in patients with psoriasis in WB
8.	Study of variations in the Anatomy of brachial artery and its branching pattern in human cadavers
9.	Study of anatomical variations in the distribution of median nerve and its branches in the carpal tunnel and in the palm
10.	Morphometric study of dry human sacrum and its clinical relevance
11.	Anterior fontanel measurement and its variations with respect to gestational age in neonates in Eastern India population
12.	Anatomical variations of nasal cavity and paranasal sinuses in adults Eastern Indian population presenting to the hospital with sinonasal complaints – A CT Scan study
13.	A Morphometric analysis of humerus – A study from eastern India
14.	A morphometric study on the menisci & cruciate ligaments of knee joint in human cadavers
15.	Estimation of human stature from the sum of the percutaneous length of tibia and fibula
16.	Role of sacrum in sex determination in adults in West Bengal, India
17.	A study on measurement of transverse internal diameter of trachea at C 6 vertebral level by computed tomography and its clinical implications
18.	A study on Spectrum of developmental cardiac anomalies manifested in adults in a tertiary centre in Bankura
19.	A study on sonological fetal biometry among second and third trimester pregnant women of North Bengal population
20.	Ease of placement of lumbar puncture needle by using anatomical landmark in geriatric Indian population
21.	Study of endometrial changes in perimenopausal age group
22.	Study of variations in circle of wills and the branching pattern of cerebral arteries in the basal aspect of brain in cadavers and autopsy cases
23.	Morphological and microscopic study of surgically removed prostate and its co – relation with international prostate symptom score in the age group of (40 – 80) Years
24.	Study of Radiological anatomy of lesion in hemorrhagic cerebro – vascular accident with clinical correlation
25.	Study of various facial indices for determining facial attractiveness
26.	A study of sacral index and lumbosacral transitional vertebrae among the adult population of West Bengal
27.	Correlation of neonatal birth weight with other anthropometric measurements – A cross sectional study
28.	Morphometric study of nutrient foramina of human limb long bones in West Bengal and their clinical importance

SL. NO	ANEASTHESIOLOGY
1.	A comparative study between intrathecal clonidine with hyperbaric bupivacaine and intrathecal fentanyl with hyperbaric bupivacaine in infraumbilical surgeries
2.	A comparative study between conventional and ultrasound guided supraclavicular brachial plexus block in upper limb surgeries
3.	A comparative study of labour analgesia between ropivacaine plus fentanyl versus bupivacaine plus fentanyl by combined spinal technique
4.	Halothane and sevoflurane : A comparative study in paediatric anaesthesia for elective minor surgeries
5.	Efficacy of intrathecal levobupivacaine versus levobupivacaine with butorphanol undergoing elective lower limb orthopedic surgeries – A comparative study
6.	Effect of dexmedetomidine and esmolol in attenuating the haemodynamic response during laryngoscopy and endotracheal intubation in elective upper abdominal surgeries
7.	A comparative study between effects of bupivacaine and bupivacaine with dexmedetomidine in case of thoracic epidural anaesthesia for elective open cholecystectomy
8.	Comparative evaluation of efficacy of dexmedetomidine added to ropivacaine and ropivacaine alone in supraclavicular brachial plexus block in upper limb surgery
9.	A comparative study between dexmedetomidine and fentanyl as adjuvant with epidural levobupivacaine in abdominal hysterectomy
10.	A prospective observational study for assessment of pre – operative insulin sensitivity state of adult female with BMI more than 30 KG/M2 undergoing abdominal surgery under general anaesthesia
11.	Comparison between three techniques of nasogastric insertion in anaesthetized intubated patients: A randomised controlled trial
12.	Comparison of real time ultrasonography with waveform capnography in verifying endotracheal tube an observational study
13.	Post intubation sore throat a comparative study between intracuff alkalized 2% lignocaine and normalsaline
14.	A comparative study of intrathecal levobupivacaine with fentanyl and bupivacaine with fentanyl in transurethral resection of prostate
15.	Effect of intravenous dexmedetomidine on spinal anaesthesia with hyperbaric bupivacaine plus fentanyl
16.	Control of post spinal maternal hypotension in caesarian section with intravenous phenylephrine – bolus versus unfusion techniques : A Comparative study
17.	A comparative study hemodynamic responses of endotracheal tube (ETT) and proseal laryngeal mask airway (PLMA) in patients undergoing abdominal surgeries under general anaesthesia
18.	Comparative study of subarachnoid block using conventional method and taylor's approach in lower limb orthopaedic surgery in geriatric population
19.	Comparative study of the effects of intravenous clonidine and dexmedetomidine on spinal anaesthesia with bupivacaine in lower limb surgery
20.	A comparative study of granisetron and palonosetron for prevention of post-operative nausea and vomiting in laparoscopic cholecystectomy
21.	A study to evaluate the efficacy of intravenous dexmedetomidine in brachial plexus block ropivacaine
22.	Effect of dexamethasone in combination with caudal analgesia on post operative pain control in day care paediatric orchiopexy and inguinal hernia
23.	Evaluation of analgesic efficacy intrathecal dexmedetomidine co – administered with hyperbaric bupivacaine in spinal anaesthesia
24.	Comparative study between preloading with fluid phenylephrine in the management of the hypotensive effects of propofol in patients undergoing rapid sequence intubation
25.	A comparative study between the efficacy of clonidine and dexmedetomidine used as adjuvant to ropivacaine for brachial plexus block by supraclavicular approach for upper limb surgery
26.	A comparative study between rocuronium bromide and vecuronium bromide for intubation drug requirement haemodynamic changes and reversibility at end of operation
27.	Comparative study between ondansetron and dexamethasone for preventing postoperative nausea and vomiting after laparoscopic cholecystectomy
28.	A prospective study of efficacy of dexamethasone used as adjuvant to levobupivacaine administered for brachial plexus block by supraclavicular approach for upper limb surgery
29.	A comparative study of efficacy of intravenous esmolol and intravenous lignocaine for attenuation of haemodynamic response to laryngoscopy and endotracheal intubation in patients undergoing cholecystectomy under general anaesthesia
30.	Postoperative analgesia after spinal anaesthesia with morphine and bupivacaine versus fentanyl and bupivacaine for unilateral inguinal hernia repair in adult male : A comparative study
31.	Comparison of analgesic effect of intra articular administration of ropivacaine and clonidine versus levobupivacaine and clonidine in day care knee arthroscopic surgery under spinal anaesthesia
32.	Preoperative screening for mucocutaneous bacterial colonization with special reference to MRSA (Methicillin Resistant Staphylococcus Aureus)
33.	A double blind randomised trial to compare the clinical effects of BIS guide etomidate and propofol induction in patients undergoing laparoscopic cholecystectomy under general anaesthesia
34.	Attenuation of haemodynamic responses to different doses of dexmedetomidine during laparoscopic gynaecological surgery under general anaesthesia
35.	A simple pulmonary recruitment maneuver to reduce shoulder tip pain postoperative nausea and vomiting after gynaecological laparoscopic surgery – A randomized controlled study
36.	Combined dexamethasone and diclofenac vs single diclofenac based analgesic regimen in patients undergoing maxillofacial surgery : Comparison of postoperative analgesia

37.	Intraoperative blood glucose level changes between obese and non – obese non – diabetic patients undergoing general anaesthesia for craniotomy surgery
38.	A comparative study between effect of propofol and dexmedetomidine infusion on glycemic control in patients undergoing laparoscopic surgery under general anesthesia
39.	Comparison of intranasal dexmedetomidine along with oral diazepam versus only oral diazepam as a premedication to evaluate efficacy on reduction of anxiety sedation and hemodynamic response to laryngoscopy and endotracheal intubation in elective lumbar spine surgery : A randomized double blind placebo controlled study
40.	Randomised single blind comparison of prophylactic dexmedetomidine and ketamine for the control of shivering under spinal anaesthesia in patients undergoing elective infraumbilical and lower limb surgeries
41.	Comparative evaluation of subclavian vein catheterization using supraclavicular versus infraclavicular approach
42.	A comparative study of haemodynamic response following laryngoscopy and endotracheal intubation in patients having coronary artery disease : Direct versus video laryngoscope
43.	A comparative study on midline and paraglossal approach of miller blade in pediatric intubation
44.	Comparative study of classic approach versus inguinal approach for obturator nerve block in patients undergoing transurethral resection of bladder tumors under spinal anesthesia
45.	A comparative study of infusion dexmedetomidine and infusion magnesium sulphate on attenuation of blood pressure surge in laparoscopic surgery under general anesthesia
46.	Comparison of intravenous clonidine and intravenous dexmedetomidine in attenuating the pressure response during laryngoscopy and endotracheal intubation
47.	The effects of isoflurane and propofol anesthesia on arterial and end tidal carbon dioxide gradient in laparoscopic cholecystectomy
48.	Comparison between macintosh millers and McCoy laryngoscope blade size 2 in paediatric patients – A randomized controlled trial
49.	A comparative analysis between epidural ropivacaine and dexmedetomidine versus ropivacaine and clonidine for the control of post operative pain in lumbar spine surgery
50.	Comparative between prophylactic efficacy of single dose palonosetron and ondansetron and ondansetron in post – operative nausea vomiting (PONV) in middle ear surgery: A randomised double blind study
51.	VComparison between doses of phenylephrine in the management of spinal anaesthesia induced hypotension during elective caesarean section a prospective randomised double blind study
52.	Comparison of dexmedetomidine and dexamethasone as adjuvant to levobupivacaine in supraclavicular brachial plexus block : A randomized double blind placebo control study
53.	A comparative study of ropivacaine (0.5%) with clonidine (150mcg) for supraclavicular brachial plexus block in patients undergoing upper limb surgery
54.	Comparison between propofol and dexmedetomidine on depth of anaesthesia a prospective randomized trial
55.	A comparative study of dexmedetomidine and esmolol for attenuation of perioperative haemodynamic responses in laparoscopic cholecystectomy
56.	Comparative study of the effects of bupivacaine – dexamethasone and bupivacaine – dexmedetomidine in supraclavicular approach of brachial plexus block
57.	A comparative study between manual versus monitor guided insufflations of endotracheal tube cuff in prolonged surgery – A prospective randomized single blind study
58.	A comparison between intrathecal dexmedetomidine and fentanyl as an adjuvant to hyperbaric bupivacaine in spinal anaesthesia for lower limb surgeries – A double blind controlled study
59.	Prolongation of intrathecal block by preoperative administration of intravenous dexmedetomidine and butorphanol : A comparative study
60.	A study comparing the effects of plasmalyte a and ringer's lactate in patients undergoing prolonged gastro – intestinal surgery
61.	Palonosetron plus dexamethasone versus palonosetron alone for the prevention of post operative nausea vomiting after laparoscopic surgery : A Randomized double blind study
62.	Suprascapular nerve block versus intravenous tramadol as adjunct to intravenous paracetamol for pain relief after shoulder surgery : A prospective randomized placebo controlled double blind study
63.	Comparative study between plasmalyte a and ringer's lactate for intra-operative fluid replacement in cardiothoracic surgery
64.	Supraglottic airway devices I-gel & I-LMA as a conduit for endotracheal intubation – A comparative evaluation
65.	A comparative study between two different doses of hyperbaric bupivacaine with fentanyl in subarachnoid block in emergency lower uterine caesarean section
66.	A comparative study between interscalene block and suprascapular – axillary nerve block in patients undergoing shoulder surgery
67.	Efficacy of ramosetron and ondansetron in preventing postoperative nausea and vomiting in patients undergoing middle ear surgery following general anaesthesia : A prospective randomized double blind study

BIOCHEMISTRY	
SL. NO	
1.	Study on the relationship of iron overload and oxidative stress with thyroid hormone status in paediatric (0-12 years age group) tribal population with beta - thalassemia major receiving repeated blood transfusion of Bankura District
2.	Estimation of oxidative stress, acute phase proteins and inflammatory cytokines in T2 diabetic patients
3.	A cross – sectional survey of chronic kidney disease (CKD) in type – 2 diabetic patients in a tertiary care hospital
4.	A study on the association of CETP (Cholesterol Ester Transfer Protein) gene in acute coronary syndrome
5.	A study of the association of plasma H2S levels and CBS (Cystathionine Beta Synthase) gene polymorphism in type – 2 diabetes mellitus
6.	The role of oxidative stress in thyroid dysfunction in beta thalassemia major patients
7.	Role of serum prostate specific antigen as a tumour marker in female patients of benign and malignant breast tumours
8.	Evaluation of serum uric acid and lipid profile in gestational hypertension patients attending BMC &H
9.	A study of correlation between serum ferritin and hepatic enzymes of thalassaemic patients on multiple blood transfusion
10.	A comparative study of serum macro & micro elements level between healthy normoglycaemic individuals and type 2 diabetes mellitus patients attending at NBMC&H
11.	A study on renal function status of patients with thyroid disorders attending a tertiary care hospital of North Bengal
12.	A comparative study free and total prostate specific antigen with carcino embryonic antigen and a fetoprotein in patients with breast carcinoma benign breast disease with healthy individuals in North Bengal Medical College
13.	A study of lipid profile insulin resistance liver function test and hepatic sonography in medicos of NBMC &H
14.	Association of renal vascular Doppler ultrasonographic indices and carotid artery intima – media thickness with lipid profile and ACR estimation in diabetic nephropathy with risk of CVA
15.	Correlation between dyslipidemia vitamin D deficiency and calcium metabolism in beta thalassemia patients
16.	Study of plasma ascorbate erythrocyte plasma membrane redox system erythrocyte ascorbate free radical reductase system in different trimesters of normal pregnancy
17.	A comparative study for assessment of endocrinological parameters and micronutrients levels in serum in patients with psoriasis and normal subjects
18.	A study of correlation between thyroid hormone profile (serum free T4 & TSH) and serum ferritin level in transfusion dependent $\beta$ thalassaemic patients
19.	Estimation of serum and urinary PSA and Urinary matrix metalloproteinases and their inhibitors for early detection of prostatic cancer
20.	Assessment of oxidative stress serum ferritin serum zinc and glycemic status in transfusion dependent beta – thalassemia patients
21.	Study of insulin resistance its relationship with serum ferritin in prediabetes and types – 2 diabetes mellitus
22.	A study of oxidative stress and status of serum zinc & copper in subjects with hypothyroidism
23.	Assessment of D – dimer, cea and ca – 19.9 in colon cancer in a tertiary care hospital
24.	Study of serum uric acid levels in patients admitted with acute myocardial infarction
25.	Susceptibility of LDL to Oxidation in osteoarthritis patients
26.	A study of serum prolactin level in patients of migraine
27.	A study on urinary glycosylated albumin to total albumin ratio in gestational diabetes
28.	An Experimental study on the expression of hypoxia induced factor in rat brain following hypometabolic stress: Correlation with amyloid $\beta$ metabolism
29.	Assessment of vitamin D status in obese patients with non alcoholic fatty liver disease

SL. NO	DERMATOLOGY
1.	A clinical – etiological study of facial skin aging in an adult population from eastern India
2.	Clinicopathological study of invisible dermatoses in a tertiary referral center in eastern India
3.	A clinico pathological study of immunobullous disorders in a tertiary referral centre of eastern India
4.	Evaluation of efficacy and safety profile of intense pulse light treatment in melasma
5.	Frequency of HLA-DRB1*03 and 07 in vitiligo patients in a tertiary care centre in eastern India
6.	Clinico – Epidemiological profile of occupational hand dermatitis with special reference to histological correlation with the causative agent identified by patch test
7.	Factors affecting adult ACNE, A profile from a tertiary care institute from eastern India
8.	Safety and effectiveness of autologous platelet rich plasma in treatment of chronic ulcer of lower limb
9.	A clinico mycological and demographic profile of dermatophytosis: A cross sectional study from a tertiary hospital of eastern India
10.	Clinico demographic study of patients with acanthosis nigricans
11.	Mucocutaneous manifestations of HIV in paediatric age group
12.	A double blind randomized controlled trial to compare the effectiveness and safety of purified protein derivative (PPD) of tuberculin antigen with mycobacterium w (Mw) vaccine in the treatment of multiple viral warts
13.	Spectrum of leprosy in paediatric age group in the post – elimination era
14.	Comparative efficacy of systemic puva versus NB-UVB in treatment of adult vitiligo in an eastern Indian population : A double blind, randomized controlled trial
15.	A study of clinico epidemiological profile of vitiligo in children < 12 years of age attending OPD in a tertiary care centre
16.	A study of clinico epidemiological profile of lichen planus and its association with systemic diseases in patients attending a tertiary care centre
17.	Clinico – demographic study of cutaneous manifestations in patients of advanced chronic kidney disease in a tertiary care center in eastern India
18.	Comparative effectiveness and safety of methotrexate versus PUVA in severe chronic stable plaque psoriasis
19.	A clinico – epidemiological study of adverse cutaneous drug reactions in HIV positive patients attending art centre and dermatology department in a tertiary care hospital
20.	A cross sectional study to evaluate the pattern of paediatric dermatoses in a tertiary care centre

SL. NO	F.S.M.
1.	A study of sex determination from human patellae in a tertiary care medical college & hospital
2.	A retrospective study of pattern of homicidal injuries over head and neck region by sharp cutting and blunt weapon examined in tertiary care medical college & hospital
3.	Custodial death – A respective medicolegal study dealt in a tertiary medical center
4.	Study of different aspects of medicolegal autopsy cases done under video photography at Kolkata Police Morgue attached to Dept. of FSM, medical college, Kolkata.
5.	Study on estimation of age from eruption of permanent teeth among Bengali population
6.	Study of unnatural death among adolescent population under the jurisdiction of Kolkata Police Morgue
7.	A study on traumatic intracranial haemorrhages amongst the subjects coming for medico – legal autopsy at Kolkata Police Morgue
8.	Study of changes in neck structure in cases of death by constriction of neck by external compression
9.	A study of morphopathology of heart lung & liver in brought dead cases in R.G.K.M.C &H.
10.	Autopsy based study of injuries in limbs in fatal road traffic accidents in Paschim Midnapore region
11.	Study of victims of sexual offence brought for medicolegal examination under pocso act 2012 at Midnapore Medical College, WB
12.	A study on lip prints types among the population of Bengali community
13.	Autopsy study of fatal cases of pesticide poisoning in the sadar subdivision of Burdwan Dist. West Bengal
14.	An epidemiological study of different aspect of child maltreatment in siliguri comssinerate

SL. NO	GYNAE. & OBS.
1.	A prospective observational study on non stress test as an admission test in labor ward and its relation to perinatal outcome
2.	A prospective randomised controlled study of the effects of combined therapy of myo – inositol and D- chiro – inositol in reduction of the individual components of metabolic syndrome in onerweight PCOS patients compared to myo – inositol supplementation alone
3.	A comparative analysis between hysterosalpingography and hysterolaparoscopy in evaluation of infertile women
4.	A study on mode of delivery and fetal outcome in primi gravid women aged 35 yrs or more
5.	Evaluation of post partum intrauterine contraceptive devices insertion
6.	To study the prevalence of thyroid dysfunction in pregnancy among the India women
7.	Hysteroscopic evaluation in infertile patients : A prospective study
8.	Evaluation of maternal thyroid function to establish gestation specific reference ranges of thyroid hormones in normal pregnant Indian women
9.	Sonographic estimation of fetal weight percentile in normal pregnant eastern Indian women
10.	A study of efficacy, safety and acetibility of postpartum IUCD (PPIUCD) as a spacing method of contraception in a tertiary care centre in eastern India
11.	Interventional clinical comparing rectal misoprostol and intramuscular oxytocin for the prevention of haemorrhage in third stage of labour
12.	A study of magnitude of gestational diabetes mellitus and foetomaternal outcome among mothers attending antenatal clinic of NMBC in WB
13.	A prospective observational study on partographic control of active phase of spontaneous labour at term with fetal and maternal outcome
14.	A study on intra – caesarean insertion of intrauterine contraceptive device to evaluation its acceptability and complications
15.	Association of meconium stained amniotic fluid with perinatal outcome in a term pregnancy in tertiary care hospital
16.	A prospective study on fetomaternal outcome in placenta previa with and without previous cesarean section in a medical college
17.	Etiopathology socioeconomic distribution and clinical pictures of ectopic pregnancy in a tertiary medical college and hospital in Bankura, WB
18.	Comparative study of umbilical vein injection of misoprostol versus normal saline for the treatment of retained placenta in a tertiary care centre : Randomized control trial
19.	A prospective study on evaluation of total protein albumin and aspartate transaminase (SGOT) in third trimester of preeclampsia and it's relation with obstetric outcome in Midnapore MC &H
20.	Study of the brain C T Scan findings in eclampsia mothers in Midnapore MC &H
21.	Screening for ovarian cancer specially in peri and post menopausal women – An observational study
22.	Evaluation of antihypertensive efficacy of intravenous hydralazine & intravenous labetalol in management of severe pre – eclampsia & eclampsia
23.	Saline infusion sonohysterography versus hysteroscopy in evaluation of uterine cavity for patients of A.U.B (abnormal uterine bleeding)
24.	A comparative study between : vaginal hysterectomy using bipolar coagulation forceps (biclamp) versus the conventional method
25.	Comparative study between laparoscopic assisted vaginal hysterectomy and total laparoscopic hysterectomy
26.	Comparative study of late preterm versus term delivery in respect to mode of delivery and perinatal outcome
27.	Role of diagnostic hysteron – laparoscopy in evaluation of infertility
28.	A prospective study of cases of pregnancy with oligohydramnios and their perinatal outcome
29.	A comparative study comparing prophylactic per rectal misoprostol 600mg versus I.V. oxytocin infusion in case of severe preeclampsia and eclampsia mothers undergoing cesarean section
30.	Lactate dehydrogenase : A biochemical marker for antepartum preeclampsia and eclampsia
31.	A prospective study of efficacy of tranexamic acid in menorrhagia
32.	A comparative study of fetomaternal outcome in cesarean section to vaginal delivery in eclamptic patients in a tertiary level hospital
33.	A study of active versus expectant management of preterm prelabour rupture of membrane between 34 – 37 weeks of gestation
34.	A comparative study of lipid profile in pre – eclampsia and normal pregnancy
35.	Role of middle cerebral artery & umbilical artery Doppler velocimetry in post dated pregnancy & perinatal outcome
36.	A study to compare conventional uterine curettage and MVA for endometrial sampling
37.	Effect of magnesium on neonates of mother given MgSO4 for eclampsia and pet
38.	A comparative randomized propective study on different methods of induction of labour in late intra uterine fetal death in a tertiary care centre
39.	A study on maternal and perinatal outcome in pregnant women presenting with first trimester vaginal bleeding and ultrasonographic evaluation
40.	Comparative study between ormeloxifene and levonorgestrel intrauterine system in perimenopausal women with dysfunctional uterine bleeding
41.	A comparative study of immediate fetomaternal outcome between outlet forceps and ventouse in instrumental vaginal delivery
42.	A comparative study between myoinosital and netformin for the management of PCOS
43.	Study of effectiveness and safety of ormeloxifene in endometriosis
44.	Color Doppler ultrasonography in the differentiation of benign and malignant ovarian tumours
45.	Study of role of cabergoline versus medroxyprogesterone acetate in treatment of chronic pelvic pain due to endometriosis
46.	An Analysis of maternal near miss cases at Eden Hospital, Medical College, Kolkata
47.	Risk of malignancy index in the preoperative evaluation of patients with adnexal masses among women of perimenopausal and pastmenopausal



	age group
48.	Sublingual misoprostol 400 mcg versus intramuscular oxytocin 10 IU for prevention primary postpartum haemorrhages : An open label randomized clinical trial
49.	Study of endometrial thickness and pregnancy outcome following induction of ovulation and intrauterine insemination in primary infertility
50.	A randomized comparative study on vaginal administration of acetic acid moistened versus dry misoprostol for medical termination of pregnancy
51.	An observational study to determine neutrophil – lymphocyte ratio and platelet – lymphocyte ratio in preeclampsia and its significance
52.	Serum LDH as a biochemistry marker for prediction of preeclampsia and foeto maternal outcome
53.	The prospective observational study on etiopathology of primary amenorrhoea
54.	Comparative study on therapeutic effects of ethinyl estradiol – desogestrel versus ethinyl estradiol – cyproterone acetate in Indian women with polycystic ovarian
55.	A randomised comparative study on sublingual versus vaginal administration of misoprostol for termination of late first & second trimester of pregnancy
56.	Role of oral clindamycin in prevention of preterm labour in patients with vaginal PH more than or equal to 5 in 13 to 20 weeks of pregnancy : A randomised control study
57.	Effect of ormeloxifene on endometrial thickness and lipid profile in patient with abnormal uterine bleeding
58.	A study on risk factors and outcome of relaparotomy after cesarean section
59.	A comparative study on predicting the risk of malignancy in adnexal mass by ultrasound (USG) based scoring system and the risk of malignancy index (RMI)
60.	Optimal timing of prophylactic antibiotic for caesarean delivery : A prospective randomised comparative study
61.	Study to determine the efficiency of first trimester anomaly scan in the detection of fetal structural abnormalities in comparison to the standard second trimester anomaly scan
62.	Comparison of serum calcium and magnesium levels between preeclamptic and normotensive healthy pregnant women
63.	Granisetron compared with doxylamine and pyridoxine for treatment of nausea and vomiting in pregnancy
64.	A clinical trial of immediate versus 24 hours post – operative removal of urethral catheter following elective caesarean delivery
65.	Randomized controlled trial comparing use of preoperative gabapentin vs placebo for controlling postoperative pain following abdominal hysterectomy
66.	Study on thyroid disorders in pregnancy and their maternal and fetal outcome
67.	The association of high serum ferritin level in early pregnancy with development of gestational diabetes mellitus
68.	Study on asymptomatic bacteriuria in pregnancy and comparative study of treated and control group
69.	A randomized control trial on effect of MMP inhibitor doxycycline in decreasing androgen production in women with polycystic ovarian syndrome
70.	Maternal sepsis : Epidemiology etiology and outcome for mother and fetus
71.	Effect of metformin on weight reduction and subsequent improvement of menstrual cycle and infertility (where applicable) in a case of polycystic ovarian syndrome
72.	An interventional study of role of glybenclamide and metformin in management of gestational diabetes mellitus
73.	A randomised controlled trial to evaluate the efficacy of intravenous tranexamic acid in reduction of postpartum blood loss following vaginal delivery by incorporating it in the active management of third stage of labour
74.	Risk factors and outcomes associated with early versus late onset eclampsia an observational study
75.	A randomized comparative study of the efficacy of dienogest vs GnRH analogue (Leuprolide acetate) for the relief of pain in endometriosis
76.	A randomized controlled trial of abbreviated postpartum MgSO4 prophylaxis regime(24hrs) in severe pre – eclampsia
77.	A comparative study between outcome of vaginal birth after caesarean section (VBAC) and planned repeat caesarean (PRCD)
78.	Comparative study between ormeloxifene and conventional progestins in management of dysfunctional uterine bleeding
79.	Comparative study of hysterosalpingography and diagnostic laparoscopy in the evaluation of infertile women
80.	Assessment of liver function test and uric acid in normotensive and hypertensive pregnant women with fetomaternal outcome
81.	The correlation between maternal zinc level and fetal birth weight
82.	Removal of urethral catheter after 24 hours versus after 72 hours following uncomplicated vaginal prolapsed surgery – A randomized controlled study
83.	Comparative study in efficacy between 600MCG oral misoprostol and 10 units oxytocin 1M in active management of third stage of labour
84.	A prospective study to compare the efficacy of combination of ampicillin and azithromycin with ampicillin and erythromycin for prolonging latency in preterm premature rupture of membranes
85.	Milking compared with delayed cord clamping to increase placental transfusion in preterm neonates : A randomized controlled trial
86.	A study on maternal proteinuria in twin compared with singleton pregnancies



SL. NO	OPHTHALMOLOGY
1.	The Study of correlation between central macular thickness measured with high definition ocular coherence tomogram and best corrected visual acuity in eyes with clinically significant macular edema in type 2 diabetes mellitus
2.	Incidence of angle recession after blunt trauma. A longitudinal study.
3.	A cross sectional study to evaluate the anterior segment manifestations in patients with type 2 diabetes mellitus
4.	A study on ocular manifestations in acute leukaemia and their correlation with haematological parameters
5.	A comparative study of refractive outcome between streak retinoscope and autorefractometer among the population above sixteen years of age attending ophthalmology OPD at a tertiary care hospital, Kolkata
6.	Evaluation and comparison of visual outcome and surgically induced astigmatism between clear corneal phacoemulsification and small incision cataract
7.	A study on the recurrence and the effectiveness of conjunctival autografting in cases of primary pterygium excision
8.	Assessment of tear film instability following manual incision cataract surgery
9.	Amniotic membrane graft for primary pterygium : Comparison with conjunctival limbal autograft regarding success and recurrence rate
10.	A comparative study between systemic hypertension intraocular tension and ocular perfusion pressure in primary open angle glaucoma normal tension glaucoma and normal population in a tertiary care centre
11.	Comparison of ocular blood flow by Doppler evaluation in middle aged type 2 diabetes patients with and without diabetic macular oedema
12.	Mechanical ocular injuries attending a tertiary care hospital in North Bengal
13.	A cross – sectional study to assess the prevalence pattern and outline of management of childhood blindness amongst the children (0 – 15 years) attending the Dept. of Ophthalmology of BMC &H
14.	A comparative study of intraocular pressure between diabetics and non – diabetics in a tertiary care hospital
15.	A prospective cross sectional study of prevalence of diabetic retinopathy and its association with serum lipid level and microalbuminuria
16.	A study on ocular abnormalities in preeclampsia patients in a tertiary care hospital
17.	Study of total upper eyelid reconstruction with modified cutler beard procedure using autogenous auricular cartilage
18.	Current trend in microbial keratitis presenting at regional inst. of ophthalmology(RIO) Kolkata a clinico microbiological study
19.	Study of risk factors and visual outcome after surgical repair of open globe injuries in a tertiary eye hospital
20.	A study of ocular morbidity and ocular surface status in street children of Kolkata and its suburbs
21.	A prospective study of observation of fovea with special – domain optical coherence tomography and post surgical visual outcome of uncomplicated retinal detachments
22.	Epidemiology of ocular injury in paediatric population presenting to tertiary health centre
23.	A prospective study to evaluate the changes in central retinal thickness following uncomplicated phacoemulsification surgery in diabetic patients without retinopathy and non diabetic patients
24.	A study of comparison of retinal nerve fibre layer thickness using time domain and spectral domain optical coherence tomography on normal eye
25.	Ocular factors associated with resistance to the development of diabetic retinopathy in type2 diabetic patients
26.	A clinical study of prevalence of myopia related optic disc and retinal changes in the age group of 8 – 50 years in Indian population
27.	Comparative study on diurnal variation of intraocular pressure among patients with asymmetric glaucoma and without glaucoma
28.	Aetiological study of blindness awareness and current status of rehabilitation among individuals with incurable blindness
29.	Effect of pterygium surgery on corneal topography and astigmatism : A prospective study

SL. NO	ORTHOPEADICS
1.	Analysis of results of tens in diaphyseal femur fracture in paediatric age group
2.	Observation on patient satisfaction and surgeon satisfaction in management of closed fracture both bone leg after informed consent and choice of treatment as decided by patient.
3.	Comparative study of the outcome of bipolar hemiarthroplasty through anterolateral versus posterior approach in the treatment of fracture neck of femur in elderly patients`
4.	Arthroscopic versus mini-open rotator cuff repair, A comparison of clinical outcome and analysis of their results
5.	Comparative study between lateral entry three divergent pins and crossed medial and lateral pin fixation in paediatric supracondylar fracture of humerus
6.	A comparative study of the outcome for the management of distal femoral fracture with locking compression plate and retrograde intramedullary nailing
7.	A comparative study of the outcome in the treatment of chronic osteomyelitis by local antibiotic impregnated morselized bone graft and local antibiotic impregnated bone cement beads
8.	Experiences of surgical management of fracture shaft of humerus in adults using ender's nail
9.	Clinical Evaluation of efficacy of minimal invasive plate osteosynthesis technique for surgical management of distal femoral fractures
10.	Evaluation of results of hybrid fixation in tibial plateau fracture in adult patients
11.	Comparative evaluation of the efficacy of arthroscopic Bankart repair and modified Boytchev technique of surgical correction of recurrent dislocations of shoulder
12.	Experiences of intra-medullary fixation in fracture shaft of clavicle
13.	Evaluation of close reduction and external fixation of proximal humerus fractures in adults
14.	Cadaveric study of the course of vertebral artery and its variation on entry and exit in a peripheral medical college
15.	Correlation between clinical and imaging finding of symptomatic degenerative lumbar spine disease
16.	Retrospective study of results of closed tibial diaphyseal fractures treated by closed interlocking nail by subjective and objective parameters
17.	Short term evaluation of distal femoral fracture fixation by locking plate
18.	Evaluation of results of open reduction and internal fixation of pelvis fracture
19.	Evaluation of open reduction and internal fixation of fracture acetabulum
20.	A comparative study between the adequacy of reduction obtained and clinical outcome using single surgical approach Vs dual surgical approaches in open reduction and internal fixation of transverse acetabular fractures and both-column acetabular fractures
21.	Result of primary hemireplacement arthroplasty in case of unstable trochanteric fracture in elderly
22.	Relationship between incidence of avn and accuracy of reduction in garden type 3 & 4 fracture neck of femur which have united after internal fixation
23.	A comparative study of gap index and cast index as a predictor of redisplacement of paediatric forearm and extra-articular distal radius fracture
24.	Result analysis of total HIP arthroplasty in advanced arthritic HIP
25.	Clinical and radiological assessment of spinal arthrodesis in dorsal lumbar spine trauma using hydroxyapatite and Tttricalcium phosphate – A comparative study
26.	Short term comparative evaluation of clinical outcome and radiographic results by using biodegradable and metal interference screws in arthroscopic anterior cruciate ligament reconstruction
27.	Comparative study of pre and post operative morbidity outcome in patients with fixed sagittal deformity treated with pedicle subtraction osteotomy
28.	An open level prospective study of diagnosis of chronic low back pain by differential intervention of disc, nerve root, facet joint.
29.	Primary Ilizarov Ring Fixator In Complex Tibial Fractures

SL. NO	E.N.T.
1.	A comparative evaluation of the office based closure of central perforation of tympanic membrane with standard myringoplasty in terms of audiological gain vis – vis anatomical closure
2.	Study on the outcomes of septoplasty and submucous resection in deviated nasal septum
3.	A study on clinical profile of allergic rhinitis and its management
4.	Prevalence and significance of findings in contralateral ear in unilateral chronic otitis media
5.	Clinico – audiological comparison between classical type I tympanoplasty with and without canalplasty in patients of chronic otitis media with inactive mucosal disease
6.	A clinico – pathological study of hoarseness of voice
7.	A study of correlation between preoperative fine needle aspiration cytology and postoperative histopathological examination of solitary thyroid nodule among the patients attending at NBMC &H, Siliguri
8.	Evaluation of aerobic bacteria in active mucosal type of chronic otitis media among the patients attending ENT OPD of North Bengal Medical College & Hospital
9.	A prospective study on treatment outcome of mandibular fracture by open reduction and internal fixation
10.	A study on post – operative complications of thyroidectomy
11.	Auditory assessment of high risk neonates and infants with otoacoustic emission and brain stem evoked response audiometry in a tertiary institute
12.	A study of patients with chronic rhinosinusitis with special reference to allergic fungal rhinosinusitis
13.	Evaluation of grommet as a partial ossicular replacement prosthesis (PORP) in ossiculoplasty
14.	A comparative study of Perichondrium – cartilage island graft and temporalis fascia graft in type – I tympanoplasty – Anatomic and functional results
15.	Clinicopathological profile of sinonasal masses and their radiological correlation
16.	A study to evaluate sequelae of total thyroidectomy
17.	Clinical radiological and pathological evaluation of metastatic cervical lymph nodes in head and neck malignancies
18.	A prospective study on endoscopic anterior and middle skull base operations with special reference to presenting clinicopathological features and preoperative findings
19.	A clinicopathological study of thyroid nodules and correlation among sonologic cytologic and histologic findings
20.	A study on childhood deafness with special reference to audiological findings and treatment outcomes
21.	A comparative study on degree of hearing improvement with respect to different materials used for short columella ossiculoplasty

SL. NO	PAEDIATRICS
1.	Incidence risk factors microbiological profile and outcome of ventilator associated Pneumonia in PICU of a tertiary care hospital
2.	A study on clinicoepidemiological profile and outcome of meningitis and encephalitis patients from one month to twelve years
3.	Association between iron deficiency anemia and febrile seizure in children in tertiary care hospital in West Bengal
4.	Study of electrolyte status blood glucose and uric levels in perinatal asphyxia
5.	Predictive ability of mothers to correctly detect jaundice in newborn population
6.	Study of glomerular function in beta thalassemia major children on regular blood transfusion using estimated GFR by Schwartz formula and 99m TC DTPA renogram
7.	Evaluation and comparison of therapeutic efficacy of FFP/IVIG against standard therapy of neonatal sepsis in preterm very low birth weight neonates at a tertiary care hospital Kolkata
8.	Study of clinico – etiological profile of urinary tract infection in children between 2 months – 12 years age in a tertiary care hospital
9.	A study on the nutritional status among school going adolescent girls in rural block of Darjeeling District, WB
10.	Changing trend in the incidence of low birth weight babies in a rural tertiary care hospital of West Bengal over last 15 years
11.	A study of aetiological analysis and antimicrobial – susceptibility pattern among blood culture isolates from suspected neonatal sepsis in tertiary care teaching hospital of North Bengal
12.	A study to compare between invasive blood pressure and noninvasive blood pressure measurement among critically ill children in a tertiary care hospital in Kolkata
13.	A prospective randomized controlled trial of noninvasive ventilation in acute exacerbation of asthma in children
14.	A study prevalence of hepatitis B hepatitis C and human immunodeficiency virus infection and clinical profile in patients with chronic hemolytic anemia in Midnapore MC &H
15.	A study on prevalence of deficiency of iron and iron deficiency anaemia in a febrile convulsion patients among pediatric group (6months – 5years) in and adjacent areas of Midnapore – A hospital based study
16.	A cross sectional study of thyroid hormone profile in low birth weight as compared to term appropriate for gestational age newborn in a tertiary care rural based hospital
17.	Prevalence of blood transfusion transmitted infection in multiple blood transfused thalassaemia patients transfused thalassaemia patients in a rural based medical College
18.	A prospective study of early neonatal morbidities in early term infants
19.	A study on seizure disorders in children above five years in a tertiary care hospital
20.	Clinico – epidemiological study and laboratory profile of viral hepatitis – A in children
21.	A study of clinical profile of Wilson disease in children with special emphasis on neuro –imaging in cases with neurological presentation in a tertiary care hospital
22.	Clinical profile and outcome of acute disseminated encephalomyelitis in children
23.	Evaluation of transpyloric feeding in apnea of preterm neonates with gastroesophageal reflux in a tertiary care hospital of Kolkata
24.	Study of the volume status of nephrotic syndrome patients in relation to the body sodium retention
25.	A prospective study on thyroid function status in children newly diagnosed epilepsy on valproate monotherapy in a tertiary care hospital in Kolkata
26.	Study on adverse effect of abacavir in paediatric population on heart with special reference to cardiovascular system and hypersensitivity
27.	A study on cardio – metabolic adverse effects of protease inhibitor based heart in paediatric population
28.	A study on musculoskeletal manifestations in human immunodeficiency virus (HIV) infected paediatric patients in a tertiary care centre in Kolkata
29.	Role of early dexamethasone therapy in prevention of morbidity and mortality in children aged 6 months to 12 years with pyogenic meningitis
30.	A comparative study to assess vascular health in previously diagnosed patients of Kawasaki disease
31.	A study on impression cytology of conjunctiva in collagen vascular disease in pediatric age group
32.	Comparative analysis of various non- pharmacological developmentally supportive care interventions for reducing pain and stress in newborns at intensive neonatal care unit in a tertiary care hospital
33.	Prospective observational study on thyroid profile in steroid sensitive nephritic syndrome (SSNS) in children during 1 <sup>st</sup> attack / relapse and after remission
34.	An epidemiological and clinical study of preterm babies admitted in newborn unit in a tertiary hospital with special reference to role of maternal antenatal corticosteroids and its short term outcome
35.	An epidemiological study on clinical profile and short term outcome in children of acute encephalitis syndrome in a tertiary care centre of West Bengal with special reference to the various prognostic marker
36.	Efficacy of body weight based vs body surface area based prednisolone regimen in idiopathic nephrotic syndrome: A comparative study
37.	A study on derangement in serum calcium status of neonates with seizure in a tertiary care hospital
38.	Comparison of effectiveness of nebulised 3 */* Naci and nebulised adrenaline in hospitalized young children with acute bronchiolitis
39.	Study on the correlation of iron status of mother and iron status of healthy newborn baby
40.	Study on retinopathy of prematurity – Incidence risk factors and outcome

41.	Clinical study of new onset afebrile seizures with correlation to EEG and MRI findings
42.	Assessment of the paediatric index of mortality 2 (PIM2) score for prediction of mortality in paediatric intensive care unit at a referral paediatric hospital in Kolkata
43.	Assessment of modifiable risk factors for acute lower respiratory tract infection in under five children
44.	Clinical profile of rickettsial infections in children at a referral teaching hospital in Kolkata
45.	Measurement of coronary artery diameter and calculation of Z – score regression equations in healthy Indian children between one to five year of age residing in and around Kolkata, WB
46.	A case control study to compare the efficacy and safety of alternate day vs daily levamisole in frequently relapsing nephritic syndrome and steroid dependant nephritic syndrome
47.	A study on correlation between estimation of bilirubin by transcutaneous bilirubinometer and laboratory method (diazo reaction)
48.	A study on clinico – etiological profile of neonatal seizures in a rural tertiary care centre
49.	A clinico epidemiological study on snake bite cases of paediatric age group at tertiary care centre in BMC&H
50.	A study to evaluate the effect of perinatal asphyxia on thyroid profile in term newborn
51.	A study on prevalence of minor physical anomalies and soft neurological signs in mentally retarded children in a tertiary care centre
52.	Correlation between perinatal asphyxia with its outcome and nucleated RBC count in venous blood of term newborns
53.	The role of antenatal steroids in decreasing respiratory distress syndromes in late preterms
54.	Peripheral intravenous access in paediatric inpatients in a tertiary care hospital
55.	Study of various complications of infants born to diabetic mothers in early neonatal period in a tertiary care hospital
56.	Hyperlipidemia in childhood idiopathic nephrotic syndrome during initial attack remission and relapse
57.	Comparative study to evaluate efficacy and adverse effects of caffeine and aminophylline in the management of apnea of prematurity
58.	Role of electroencephalogram (EEG) and neuroimaging (CT/MRI) in first onset afebrile and complex febrile seizures and their correlation in paediatric age group in a tertiary care hospital in Kolkata

SL. NO	PATHOLOGY
1.	Clinicopathological study of malignant ovarian epithelial tumors and the role of ER PR and her2neu expression in these tumors
2.	Clinicopathological evaluation of hysterectomy specimens including thyroid profile in patients with abnormal uterine bleeding (AUB) in perimenopausal women
3.	Clinical biochemical and sonographic evaluation of urinary obstruction in patients aged between 50 – 80 years with histopathological correlations of the prostatic lesions
4.	Study on bone marrow profile of patients with pancytopenia in a tertiary care centre
5.	A prospective study on estrogen receptor and progesterone receptor expression in different type of prostatic lesions and their correlation with serum PSA levels in a tertiary care hospital in Kolkata
6.	Screening and identification of alloantibodies in multitransfused patient of thalassemia major in tertiary care hospital
7.	Role of cervical smear examination in diagnosis of squamous intraepithelial lesion and squamous cell carcinoma of cervix and its correlation with histopathology with particular emphasis on expression of P16NK4A AND K1 – 67
8.	Value of Claudin – 4, Ber – EP4 and Calretinin for the diagnosis of metastatic adenocarcinoma in serous effusions
9.	Expression of ER, PR, HER2/neu, Ki67, p53, Bcl2, in primary breast tumour and synchronous metastatic axillary lymph node
10.	Clinico – pathological correlation of granulomatous skin diseases with special reference to demonstration of mycobacterium in imprint smear by immunofluorescence microscopy and in tissue section by ziehl – neelsen stain in a tertiary care hospital of North Bengal
11.	A study of breast carcinoma with expression of estrogen receptor (ER) progesterone receptor (PR) her2/ neu in cell block preparations and core needle biopsy specimens in patients attending a tertiary care hospital in North Bengal
12.	Clinico – pathological profile in tribals with anaemia attending thalassemia control unit of NBMC for screening with special reference to serum Iron Vitamin B12 and folic acid deficiency
13.	Study on histopathology of endometriosis of perimenopausal and postmenopausal women presenting with abnormal uterine bleeding and its correlation with estrogen receptor progesterone receptor and her2 neu status in a tertiary care center of North Bengal
14.	Comparative evaluation of cell block histopathology and conventional smear cytology in FNAC clinically suspected cervical lymph node malignancy
15.	Study of incidence and prevalence of HIV infection and its outcome in thalassemia patients receiving multiple blood transfusion
16.	Evaluation of role of imprint and scrape cytology in intra – operative diagnosis of ovarian tumour's and its correlation with post – operative histopathological findings
17.	Correlation between red cell distribution width and inflammatory biomarkers as potential index to assess disease activity in rheumatoid arthritis outpatients attending medicine Dept. of BMC &H
18.	Evaluation of bone marrow in cases of pyrexia of unknown origin
19.	A comparative study of peripheral blood smear and rapid antigen detection test of malaria in BMC &H
20.	Comparative study of conventional ziehl neelsen smears and bleach concentration method in detection of tubercle bacilli in fine needle aspiration material of lymph nodes
21.	A study of pulmonary mass lesions by transthoracic CT guided FNAC in a tertiary care hospital
22.	Clinical and cytopathological evaluation of pleural fluid with special emphasis on cell block study
23.	<b>A study of mucin secretion in diagnosed cases of cervical carcinoma</b>
24.	Study of beta – catenin expression in endometrial hyperplasia and carcinoma
25.	Study of Ki 67 expression and its correlation with prognostic markers (Tumor stage and histological grade) of transitional cell carcinoma of Urinary Bladder
26.	A cytopathological study of hepatic malignancies with emphasis on diagnostic utility of cd10 staining in differentiating hepatocellular carcinoma from secondary malignancies of liver
27.	Correlation of vascular endothelial growth factor (VEGF) expression with histopathological grade and stage of breast carcinoma
28.	A comparative study of diagnosis of thyroid swellings by Bethesda system and routine cytology in relation to available histopathology findings in patients attending NBMC &H
29.	Study of expression of vascular endothelial growth factor (VEGF) in ovarian epithelial neoplasms
30.	Correlation of vascular endothelial growth factor (VEGF) expression with histological grade and stage of colorectal carcinoma
31.	Study of morphological and histopathological cardiac changes in patients with sudden death reported from a tertiary care hospital situated in a rural setup during a period of one and half years
32.	Study of expression of vascular endothelial growth factor in placenta of diabetic pregnant women
33.	A study of histopathological features of gastric tumours with special reference to gastrointestinal stromal tumours (GIST) and the role of expression of immunohistochemical markers – CD – 117 and DOG – 1 in diagnosis of gist in patients attending a tertiary care hospital
34.	Cell block along with FNAC versus core needle biopsy for the diagnosis of breast carcinoma
35.	Detection of high risk human papilloma virus strains and their frequency distribution in carcinoma cervix patients along with histopathological correlation
36.	Accuracy of morphometry aided cytology of thyroid lesions undergoing surgery as classified by the Bethesda system along with histopathological correlation a tertiary care hospital study



37.	Clinico pathological study of correlation between FNAC smear, zn smear & HIV status in clinically suspected cases of lymph node tuberculosis in a tertiary care hospital
38.	Clinicopathological study of colorectal polyps with special reference to serrated lesions
39.	Comparative study of scrape cytology and frozen section examination of ovarian tumors in diagnosing ovarian neoplasms considering HPE as gold standard
40.	Study of extra – nodal lymphoma with special reference to histomorphology immunohistochemistry and topographical distribution
41.	Stathmin expression in breast carcinoma as a severity marker related to staging grading and receptor evaluation
42.	Comparative study of fine needle aspiration cytology (FNAC) and needle core biopsy (NCB) of clinically palpable breast lumps with histopathological (HP) correlation
43.	In microcytic hypochromic anaemia – spectrum of diagnosis with help of parameters RBC indices RDW biochemistry markers and electrophoretic pattern
44.	Changes in endometrium in peri and post menopausal women with special reference to pten expression in hyperplastic and neoplastic lesions
45.	Mucin histo chemistry in colorectal carcinoma and its correlation with different histopathological variant
46.	A clinico – pathological study of gastrointestinal carcinomas with special reference to MUC2 and Ki – 67 expression in gastric carcinomas
47.	Study of platelet count and platelet volume indices in the spectrum of coronary artery diseases and its clinico – pathological correlation
48.	Study on diagnostic role of desmin and comparative analysis of expression of her2new and ecadherin with respect to myoinvasion in urothelial carcinoma of urinary bladder
49.	Study on genetic polymorphism of RET proto oncogene in hirschsprungs disease in children
50.	Local and Systemic imbalance of CD4+ T cells in granulomatous colitis
51.	Comparative analysis of histomorphology of urinary bladder carcinoma with special reference to p63 and ck20 expression in a tertiary care hospital
52.	A clinicopathological study of hepatoblastomas and its correlation with expression of beta – catenin and proliferative indices
53.	Clinicopathological study of Hodgkin lymphoma with special reference to nodular lymphocyte predominant Hodgkin lymphoma
54.	Clinicopathological evaluation of sinonasal lesions among patients presenting in a tertiary care hospital with special reference to immunohistochemical marker KI – 67
55.	A clinico – pathological and immunofluorescence study of intra – epidermal immunobullous diseases in a tertiary referral centre of Eastern India
56.	.KI – 67 labelling index her – 2/ neu over expression and androgen receptor status in prostate carcinoma – a core needle biopsy based in a tertiary care hospital
57.	Study of malignant gastric neoplasm and its peritoneal metastases in relation with serum CA 125 level

SL. NO	PHARMACOLOGY
1.	An observational study to assess medication adherence safety profile and treatment response to fixed dose combination of tenofovir, lamivudine, efavirenz (TLE) in ZHIV infected adult patients
2.	An observational study to evaluate antimicrobial usage pattern in neonatal sepsis at the neonatal intensive care unit of a tertiary care hospital
3.	Potential contribution of oxidative stress towards methotrexate induced hepatic dysfunction
4.	Cytochrome P450 2D6 phenotyping in adults of eastern India
5.	A prospective observational study of drug use profile in advanced chronic kidney disease patients attending nephrology out patient department of a tertiary care hospital
6.	Monitoring short term toxicity of the first line anti – retroviral therapy with tenofovir lamivudine and efavirenz in HIV patients attending an art clinic an observational study
7.	Effects of metformin on thyroid profile in patients of subclinical hpothyroidism attending OPD of a tertiary care hospital
8.	.Effect of dipentidyl peptidase – 4 inhibitor on long term glycaemic control in type – 2 diabetic population attending medicine OPD of a tertiary care hospital
9.	A comparative study between ivabradine and ranolazine regarding safety and efficacy profile in patients of chronic stable angina in a tertiary care hospital of West Bengal
10.	A prospective randomized comparative study of safety & efficacy of pregabalin, duloxetine, amitryptiline & pregabalin plus amitryptiline in neuropathic pain in a tertiary care hospital in West Bengal
11.	Assessment of clopidogrel resistance in post – myocardial infarction patients after 24 to 48 hours of initiation of treatment
12.	Comparative efficacy between topical latannoprost versus topical timolol maleate in patients of primary open angle glaucoma in a tertiary care centre in Eastern India
13.	A randomised trail of antihypertensive effect of parenteral labetalol versus hydralazine in eclampsia in a tertiary care hospital
14.	A comparative study to assess the effect of vildagliptin versus glimepiride on glycemic control in type 2 diabetic patients uncontrolled with metformin monotherapy
15.	An observational study on assessment of factors influencing different adverse drug reactions of docetaxel in carcinoma breast patient in tertiary care hospital in Kolkata
16.	A study of sensivity pattern and effectivity of antimicrobials in indoor patients suffering from sepsis with bacteremia in a tertiary care hospital in Kolkata
17.	A comparative prospective study on paclitaxel and carboplatin versus gemlitabine and carboplatin in treatment of advanced non small cell lung carcinoma patients not amenable to curative treatment
18.	A prospective comparative study on treatment of advanced / metastatic gastric cancer using epirubicin, cisplatin and capecitabine (ECX) versus epirubicin, oxaliplatin and capecitabine (EOX) combination chemotherapy
19.	Comparative prospective study regarding efficacy safety and adverse effects of anti – asthmatic drugs in case of mild to moderate chronic stable persistent bronchial asthma in adults
20.	Comparative study regarding efficacy safety and tolerability of atypical anti psychotic drugs : Olanzapine and blonanserine

SL. NO	P.M.R.
1.	A comparative study to assess the effects of comprehensive rehabilitation programme with and without bobath sling in post – stroke painful shoulder subluxation
2.	To compare Efficacy of intra articular injection with platelet rich plasma with molecular weight hyaluronic acid and methyl prednisolone in osteo arthritis of knee
3.	Assessment of comparative efficacy of caudalepidural steroid injection in L5 versus S1 radicular pain due to prolapsed intervertebral disc
4.	Clinical and radiological correlation in diagnosis of glenohumeral instability and its implication in rehabilitation

SL. NO	IMMUNO - HAEMATOLOGY
1.	Evaluation of iron stores in voluntary male blood donors by serum ferritin
2.	Prevalence of irregular erythrocyte antibodies in antenatal mothers : A study from a major medical college and hospital in Kolkata

SL. NO	PHYSIOLOGY
1.	Effect of enriched environment on non – spatial cognitive abilities of wistar rat
2.	Spirometric evaluation of adult MCTD (Mixed Connective Tissue Disorder) patient and its relation with disease duration disease activity and severity
3.	Reference memory error of rats in radial maze of different sizes with suppression of foraging exploration by increased travel distance within the larger maze
4.	Effect of enriched environment on different cognitive abilities in rats : Visual recognition context discrimination working memory spatial learning and semantic learning
5.	Effect of training in one spatial navigation task upon the learning curve in a different spatial navigation task
6.	Effect of under nutrition on visual evoke potential in children of 2 – 5 years age group
7.	Studies on the effect of aerobic exercises (i.e. walking) in the treatment of adult type 2 diabetes (NIDDM) taking anti diabetics among Bengali population
8.	Estimation of anthropometric measurements and blood pressure in pediatric adult and geriatric population
9.	Influence of diabetes mellitus and hypertension predominantly on pregnant mothers and their new – born babies
10.	A comparative study regarding effect of regular evening versus morning walk on biochemical and stress profile in newly diagnosed diabetic subjects
11.	To study impact of stress and obesity on academic performance of first year MBBS students of BMC &H
12.	Study of functional exercise capacity in medical college student population by 6 minute walk test (6MWT)
13.	Study on effect of height on motor nerve conduction velocity in healthy adults in eastern India
14.	Study of stress response to novel laboratory challenges in relation to body fat distribution in normal individuals aged between 20 – 45 years and habituation to repeated stress challenges
15.	A study of hypothyroidism in pre – menopausal and post – menopausal women in plains area of Darjeeling District
16.	A study of cardiovascular autonomic function tests during different phases of menstrual cycle in undergraduate female medical students
17.	A study of pulmonary function status in hypothyroid subjects attending NBMC &H
18.	Study of cognitive function and quality of life in relation to pulmonary function test in chronic obstructive pulmonary disease
19.	Electro-neuro-physiological evaluation in patients of Rheumatoid arthritis in Medical College, Kolkata
20.	A comparative study of changes in lipid profile and NCV among subclinical hypothyroid patients and normal individuals
21.	Evaluation and objective characterization of brain function by quantitative EEG in normal controls and patients of major depressive disorder, attending Medical College, Kolkata
22.	Assessment of cardiorespiratory dysfunctions of health professionals above the age of 40 years by means of electrocardiography and spirometry
23.	Spirometric assessment of pulmonary function among the apparently healthy professional automobile drivers in Kolkata
24.	Effects of training on vo2 max and pulmonary functional among competitive swimmers in West Bengal
25.	Seminal cytokines (IL – 1, IL – 6, TNF – a), and routine semen parameters in male infertility
26.	Comparison of nerve conduction studies with magnetic resonance imaging in assessment of clinically diagnosed cervical radiculopathy
27.	A comparative study to assess autonomic function among newly diagnosed somatoform disorder patients and healthy subjects in a tertiary care hospital in Kolkata
28.	The study of brainstem auditory evoked potential in neonatal hyperbilirubinaemia

SL. NO	PSYCHIATRY
1.	A study of prevalence of depressive disorders and impact of depression on glycaemic control adherence to medication and quality of life among type2 diabetic patients
2.	Domestic violence on female spouse of chronic male Psychiatric patient and financial autonomy of life
3.	A short term comparative study of depressive episodes in major depressive disorder and bipolar disorder
4.	A study of outcome of acute and transient psychotic disorder after a short term follow up in a tertiary care hospital
5.	Factors affecting prognosis of alzheimer's and vascular dementia
6.	A study to understand the incidence & pattern of hyponatremia in patients using selective serotonin reuptake inhibitor and serotonin dopamine antagonist
7.	A study of factors and predictors association with depression in renal transplant recipients in a tertiary care hospital in Eastern India
8.	Smartphone and internet addiction in school going children and its association with psychopathology of the respondent and the family
9.	A comparative study on comorbidities stressor genetic loading in children and adolescent patient with dissociative (conversion) disorder and their age and gender matched controls in a tertiary care hospital in Eastern India
10.	A study into the socio – demographic profile psychopathology and suicidal intent in the persons making suicide attempt & deliberate self – harm
11.	Prevalence of anxiety symptoms in patients having major depressive disorder and its correlation with suicidal ideation – A cross sectional observational study
12.	Quality of life and sexual dysfunction among patients of alcohol dependence syndrome
13.	Experiences and impact of stigma in patients with depression and obsessive compulsive disorder in tertiary care hospital: A comparative study
14.	Psychiatric morbidity among the parents of mentally related children
15.	Influence of psycho – socio – demographic factors on the emergence of suicidal risk on schizophrenia



SL. NO	RADIOTHERAPY
1.	A study to determine the incidence and prevalence of hypothyroidism in patients of head and neck carcinoma treated with radiotherapy with or without concurrent chemotherapy or surgery and factors influencing it.
2.	Conventional radiotherapy versus hypofractionated radiotherapy : A comparative retrospective study of assessment of response and toxicities of radical radiotherapy in head and neck carcinoma
3.	Retrospective analysis of cardiotoxicities and quality of life in female breast carcinoma patients undergoing treatment with chemotherapy and radiotherapy
4.	A comparative study of quality of life and sexual morbidity in carcinoma cervix patients before and after treatment with concurrent chemoradiation followed by intracavitary brachytherapy
5.	A comparative study to see the safety and efficacy of two schedules of HRD brachytherapy for locally advanced carcinoma cervix using fletcher applicator-three fractions of 7.5 gy vs. four fractions of 6 gy.
6.	A randomized study of dozimetry of HDR brachytherapy for locally advanced carcinoma cervix using two types of intracavitary applicators – tandem and ovoid (Fletcher-Suite) (TO) and tandem and ring (TR).
7.	A prospective randomized study to compare weekly vs triweekly cisplatin based concurrent chemoradiation in the treatment of locally advanced carcinoma cervix.
8.	Comparative study between two radiotherapy regimens for palliation of locally advanced lung carcinoma
9.	A prospective comparative study of hypofractionated vs standard fraction regimen of whole brain radiotherapy in patients presenting with multiple brain metastases
10.	Induction chemotherapy with docetaxel, cisplatin and 5-fluorouracil followed by concomitant chemoradiotherapy versus induction chemotherapy with vinorelbine, cisplatin and 5-fluorouracil followed by concomitant chemoradiotherapy in locally advanced head and neck cancer: a prospective study.
11.	A prospective study comparing concurrent chemo-radiation with cisplatin and etoposide versus cisplatin and gemcitabine combination followed by adjuvant chemotherapy in unresectable non small cell lung carcinoma
12.	A prospective comparative study between concurrent chemoradiation versus conventional radiation with daily concomitant boost to the gross disease in locally advanced squamous cell cancers of the head and neck
13.	A prospective study comparing response and toxicities in patients treated with concomitant chemoradiation vs accelerated radiotherapy (6 days per week) with interdigitated brachytherapy in locally advanced carcinoma cervix
14.	Patterns of failure and factors affecting it in carcinoma cervix stage (IIB-IVA) treated with chemoradiotherapy or radiotherapy alone-A retrospective study.
15.	Pain control and improvement in quality of life with intravenous zoledronic acid versus oral ibandronate in management of painful bone metastasis receiving palliative radiotherapy : A prospective randomized study.
16.	A prospective study of dozimetric evaluation comparing single channel versus multichannel vaginal applicator in post operative endometrial cancer patients undergoing high dose rate vaginal cuff intracavitary brachytherapy
17.	A prospective randomized study comparing conventionally fractionated versus hypofractionated post mastectomy radiotherapy in locally advanced breast cancer in female
18.	A prospective randomized study of locally advanced head and neck cancer comparing concomitant chemoradiotherapy versus pure accelerated radiotherapy

SL. NO	RESPIRATORY MEDICINE
1.	A study of clinico – radiological and pathological correlation of thoracic mass lesion with special reference to FNAC and biopsy
2.	An epidemiological study of drug resistant tuberculosis cases registered under dots plus center in a rural based tertiary care hospital
3.	A study of chronic obstructive pulmonary disease in lung cancer patients
4.	A study on prevalence of anxiety and depression in patients with chronic obstructive pulmonary disease and its correlation with bode index
5.	A study of clinical microbiological & biochemical profile in acute exacerbation of chronic obstructive pulmonary disease (COPD) patients in a tertiary care hospital of Kolkata
6.	Observational study on patient profile, complications and outcome of mechanically ventilated patients in R.C.U of a tertiary care centre in central Kolkata
7.	Bacteriology and antibiogram of empyema thoracis
8.	Metabolic syndrome and other risk factors in patients with obstructive sleep apnoea
9.	A study of genetic mutations in lung cancer in a tertiary care hospital
10.	Spirometric assessment of pulmonary functions in male & female nonsmoker subjects with coronary artery disease & hypertension & its comparison with healthy subjects
11.	A study of sputum culture conversion time in multi drug resistant tuberculosis in a drug resistant centre (tertiary centre hospital)
12.	A study on clinical radiological and microbiological profile of nosocomial pneumonia (hospital acquired pneumonia / ventilator associated pneumonia) in a tertiary care hospital
13.	Etiology and evaluation of patients admitted with hemoptysis in a tertiary care hospital
14.	A cross sectional study on risk factors and its relation to outcome among patients admitted with community acquired pneumonia and health care associated pneumonia in a tertiary care hospital
15.	A prospective tertiary health care based study to evaluate the impact of diabetes mellitus on spectrum and outcome of tuberculosis
16.	An observational study on central nervous system manifestations of tuberculosis and non tubercular pulmonary diseases in a tertiary care hospital

SL. NO	TROPICAL MEDICINE
1.	An observational study on non alcoholic fatty liver disease and its relation with obesity , dyslipidemia diabetes mellitus and hypothyroidism among patients attending school of tropical medicine, Kolkata
2.	An observational study of arterial blood gas and electrolyte analysis in patients of CNS infections
3.	A clinicoetiological study of acute hepatitis among patients attending a tertiary care hospital of Kolkata
4.	Study on thyroid hormone profile in critically ill patients in a tertiary care hospital in Kolkata
5.	A study on cardiovascular risk factors among HIV infected patients attending a tertiary care hospital
6.	A clinicoepidemiological study of acute kidney injury among patients admitted with short duration fever
7.	A study on short term toxicity of second line art (antiretroviral therapy) comprising of tenofovir, lamivudine, and ritonavir boosted atazanavir among HIV infected persons attending a tertiary care hospital – A prospective observational study

SL. NO	GENERAL SURGERY
1.	A prospective study of laparoscopic appendectomy For acute appendicitis and its early complications
2.	Comparative study between outcome of open and laparoscopic repair of ventral hernia
3.	Open versus laparoscopic appendectomy in appendicitis
4.	A clinical study of patients undergoing percutaneous enephrolithotomy (PCNL) for symptomatic renal calculus
5.	Critical analysis of iatrogenic stricture urethra in a tertiary care centre of the armed forces
6.	Comparative study of ultrasonographic features and ultrasonography guided fine needle aspiration cytology in the diagnosis of palpable malignant breast lesions
7.	Clinicopathological study of biliary ascariasis with special reference to its management protocol
8.	An observational study on association of helicobacter pylori in patients with gastric carcinoma
9.	Acute perforated appendix : An analysis of risk factors to guide surgical decision making
10.	Clinical study of factors modifying the outcome of ileal perforation with special reference to typhoid ileal perforation
11.	A prospective comparative study of treatment of internal haemorrhoids by rubber band ligation with open haemorrhoidectomy
12.	A comparative study between interrupted – X and conventional continuous sutures for midline laparotomy abdominal closure in emergency setting
13.	A clinical study of prognosis of secondary peritonitis using mannheims peritonitis index
14.	Relationship of lipid profile and gall stone disease
15.	Pre – operative assessment for determining the criterias for selecting the type of laparoscopic hernia repair technique in cases of inguinal hernias
16.	A clinicobacteriological study on post operative surgical site infection following emergency abdominal surgical procedures in a medical college of West Bengal
17.	Clinico – Pathological study of acute appendicitis with special reference to the role of ultrasonography and modified Alvarado score in its diagnosis in a medical college
18.	Bacteriological analysis of bile in patients undergoing elective cholecystectomy and their antibiotic susceptibility
19.	Healing effectiveness of topical platelet derived growth factor versus placental extract in diabetic foot ulcer
20.	A study to evaluate the effects of various abdominal closure techniques on midline laparotomy wounds
21.	Cross sectional study of peritoneal fluid culture and antibiotic sensitivity pattern in cases of surgical peritonitis in NBMC &H
22.	Evaluation of ripasa score in the diagnosis of acute appendicitis
23.	Evaluation of desarda’s no – mesh repair in the treatment of inguinal hernia in a rural tertiary health care centre of North Bengal
24.	Clinical study of relationship between stress induced hyperglycemia and neurological outcome in patients with head injury in a rural healthcare centre
25.	Clinical study on young age colorectal carcinoma with special reference to outcome of these patients attending a rural tertiary care hospital in North Bengal
26.	Study to asses estrogen receptor and progesterone receptor expression status through trucut biopsy in carcinoma breast patient attending NBMC &H
27.	The role of prophylactic antibiotic in patients undergoing elective laparoscopic cholecystectomy – A randomised placebo controlled recipient blind trial
28.	A study on temporary ileostomy : Its indications and morbidities with special reference to fluid and electrolyte imbalance
29.	A comparative study on outcomes of handsuturing and surgical stapling in gastrointestinal anastomosis
30.	A study on the outcome of transinguinal preperitoneal mesh hernioplasty for inguinal hernia
31.	A study of bile culture and their antibiogram in diabetic patients with chronic calculous cholecystitis
32.	An epidemiological study of gall stone diseases in patients with diabetes mellitus type 2
33.	Evaluation of peritoneal cytology and peritoneal histology to identify occult metastasis in patients with gastric carcinoma undergoing gastric resections
34.	Epidemiological study of obstructive jaundice and the diagnostic role of tumor marker ca 19.9
35.	Post – mastectomy wound complications with or without neoadjuvant chemotherapy – An observational study
36.	Correlation of KI67 score with prognostic indicators in case of carcinoma breast not undergoing neoadjuvant chemotherapy (NACT)
37.	Effect of early immunonutrient supplementation after enteric anastomosis in the prevention of postoperative complications as compared to conventional approach
38.	An observational analytical study of varied presentations of iatrogenic bile duct injury at a tertiary referral centre
39.	A comparative study of D1 and modified D2 gastrectomy in adenocarcinoma of stomach
40.	Comparative study between apache II and apache O scoring in prognostication of acute pancreatitis
41.	Efficacy of ripasa score in the management of acute appendicitis : An observational study
42.	Evaluation of xero – mammography finding in mastalgia in an urban tertiary care center
43.	Quality of life (QOL) following open and laparoscopic inguinal hernia repair: Comparative study

44.	A comparative study primary skin and subcutaneous tissue closure and open skin technique in emergency laparotomy for perforative peritonitis – An observational and prospective study
45.	Clinico – pathological study of gall bladder carcinoma with special reference to its management in a tertiary care hospital
46.	Perioperative outcome of surgery for patients with pancreatic head cancer and preampullary cancer with special reference to clinicopathological staging at a tertiary care hospital
47.	A prospective randomized trial of comparison between simultaneous application of sclerotherapy and rubber band ligation versus sclerotherapy and rubber band ligation applied separately for the treatment of haemorrhoid (1 <sup>st</sup> and 2 <sup>nd</sup> degree internal haemorrhoid)
48.	Clinical study of characteristics of hollow viscus injury following blunt abdominal trauma with special reference to its management and outcome in a tertiary care hospital
49.	Evaluation of clinical outcome of patients undergoing emergency laparotomy with the help of Portsmouth predictor equation for mortality (P – Possum Score)
50.	Diagnostic laparoscopy in management of chronic pain abdomen
51.	Evaluation of the role of internal anal sphincterotomy in the management of symptomatic hemorrhoids
52.	Randomized trial of mesh plug repair versus lichtenstein's operation for inguinal hernia repair
53.	Post operative early versus late enteral feeding in colorectal surgery – A prospective comparative study
54.	Comparative study for assessment of outcome following perforated peptic ulcer repair by modified graham patch repair and with conventional graham patch repair
55.	A study on evaluation of prognostic scoring systems in perforative peritonitis
56.	A study on role of diagnostic paracentesis in acute abdomen with suspected peritoneal collection
57.	A clinicopathological study on empyema of gall bladder and its different modalities of treatment
58.	A clinicopathological study of necrotizing pancreatitis with special emphasis on need for surgery and its outcome
59.	A clinicopathological study of superficial surgical site infections with reference to risk factors and best practices
60.	A prospective study on the necessity of distal loopogram before closure of a temporary stoma
61.	Complications of total thyroidectomy with special mention different approaches
62.	A clinico – pathological study on parotid tumours and outcomes of different types of parotidectomy
63.	Prospective analysis of oncological and aesthetic outcome following oncoplastic breast surgery techniques
64.	Study of pancreatic duct decompression in patients of chronic pancreatitis
65.	Prospective analysis of clinical and pathological study of colorectal carcinoma
66.	Study of infectious pathogenesis of gall stones
67.	Breast conservation in locally advanced breast carcinoma
68.	A study on acute presentations of abdominal tuberculosis
69.	Effect of adherence to the world health organization surgical safety checklist on morbidity and mortality in a defined surgical patient population
70.	Efficacy of evening primrose oil and danazol in mastalgia – An observational study with respect to breast pain chart
71.	A clinico – pathological study on entero – cutaneous fistula with special reference to need for various types of nutritional support
72.	Prospective observational study on association of gallstone disease with carcinoma gall bladder
73.	Prophylactic therapy of octreotide in pancreatic surgery
74.	A comparative study of safety between early (within 24 HR) versus delayed feeding following enteric anastomoses
75.	A prospective observational study of abdominosacral method of resection of patient with rectal carcinoma in terms of exposure / operating time / bleeding in Indian patients
76.	A comparative study on efficacy of platelet derived growth factors and collagen granules against conventional dressing in healing of chronic wound in a rural tertiary care centre
77.	A prospective study on small bowel anastomosis on the basis of anastomotic techniques & post – operative outcomes
78.	Study of clinicopathological response to neoadjuvant therapy in locally advanced breast cancer : Anthracycline vs anthracycline and docetaxel based chemotherapy : An experienced from tertiary cancer hospital
79.	A clinical study to assess predictive factors for difficult laparoscopic cholecystectomy in chronic cholecystitis with cholelithiasis
80.	Clinico – pathological and etiological evaluation of acute appendicitis and assessment of significance of laboratory and ultrasonography examination as an ancillary AID to clinical diagnosis
81.	A clinicobiochemical & radiological study of benign extrahepatic biliary obstruction & its management with particular reference to choledochoduodenostomy

SL. NO	GENERAL MEDICINE
1.	Assessment of left ventricular systolic dysfunction in rheumatoid arthritis patients
2.	Clinical and biologic profile and follow up of patients with multiple myeloma undergoing treatment at tertiary care centre
3.	Study of bacterial etiology and clinical profile of community acquired pneumonia in a tertiary care hospital
4.	Study on cardiovascular correlation in diabetic nephropathy in type – 2 in diabetes mellitus
5.	Hemorrhagic manifestation in dengue fever with special reference to platelet count
6.	A study on the relationship between hypothyroidism and glucose intolerance in pregnancy
7.	Hyperglycemia in emergency setup
8.	Pulmonary involvement in systemic lupus erythematosus patients – A cross sectional study in a tertiary care hospital, Darjeeling Dist., WB
9.	A study of thyroid profile in newly diagnosed HIV patients in a tertiary care centre of North Bengal
10.	Demographic and risk factor profile in young adult stroke patient of tertiary care centre of North Bengal
11.	Profile study of pleural effusion in a tertiary care hospital in North Bengal
12.	A study on prevalence of pulmonary involvement in patients with rheumatoid arthritis attending MMC &H, Midnapore
13.	A study to compare the lipid profile in alcoholic and non – alcoholic patients of chronic liver disease attending, MMC &H
14.	A clinico – pathological study of cervical lymphadenopathy in a teaching hospital a Bankura, West Bengal
15.	A study of nephropathy in newly diagnosed type 2 diabetes mellitus with special reference to hypertension and HbA1C level
16.	Echocardiographic evaluation of left ventricular function in patients of chronic obstructive pulmonary disease
17.	Clinical Profile of new onset Seizure in medical ward
18.	A comparative study on Glycosylated hemoglobin and lipid profile in acute ischemic stroke patients between tribal and non tribal population
19.	A comparative study of thyroid profile in subjects with and without metabolic syndrome
20.	A study of creatine kinase and lactate dehydrogenase enzymes level in cerebrospinal fluid in various type of meningitis
21.	A cross sectional study to find out thyroid hormone dysfunction in COPD patients in a tertiary care hospital
22.	A study for assessment of acute kidney injury by measuring serum urea creatinine sodium potassium urine output and protein in cases of acute paraquat poisoning
23.	Urine micro – albumin in acute ischaemic stroke its clinical significance and association with conventional risk factors of ischaemic stroke
24.	A study to correlate the clinical neurological presentations and etiological profile in patients with ring enhancing lesions on brain imaging
25.	A study to compare DAS28 and CDAI with RADAI5 in assessing disease activity of rheumatoid arthritis and its correlation with functional disability
26.	A study on the clinico etiological profile of cirrhosis liver and prognostic value of meld score on short term survival
27.	A cross sectional study on gonadal dysfunction in a patient of chronic kidney disease
28.	A prospective study on clinical profile of dengue fever with special reference to acute complications
29.	A cross sectional study on evaluation of left ventricular diastolic function with echocardiography in patients with subclinical hypothyroidism
30.	A cross sectional study on evaluation of left ventricular function in systemic lupus erythematosus with echocardiography and its relation to disease durations
31.	Evaluation of thyroid function status in patients with chronic kidney disease
32.	A study on clinical manifestation and biochemical profile of acute poisoning patients admitted in a tertiary care centre
33.	Study on lipid profile in ischaemic and haemorrhagic stroke in tertiary care hospital
34.	Asymptomatic pulmonary arterial hypertension in systemic lupus erythematosus
35.	Comparison of the systemic lupus erythematosus activity questionnaire and the systemic lupus erythematosus disease activity index in adult SLE patients in a tertiary care hospital in Kolkata
36.	Correlation between prediabetic conditions and albuminuria – A tertiary care hospital based study
37.	Comparison of correlation of CD4 count and CD4 percentage with peripheral neuropathy in art naïve patients in a tertiary care hospital in Kolkata
38.	Study of the assessment of the severity of ischemic cerebral stroke with special reference to platelet cell volume in a tertiary care hospital, Kolkata
39.	A prospective study of clinical profile of malaria with special reference to liver function test abnormalities
40.	An observational study of aetiology of meningitis with reference to CSF study findings amongst HIV seropositive patients admitted with meningitis at MCH, Kolkata
41.	A study to determine the prevalence of raised serum ferritin in the metabolic syndrome patients attending MCH, Kolkata
42.	Assessment of vitamin D3 and bone mineral density in chronic liver disease patients
43.	A study on evaluation of risk factors seasonal and diurnal variation in stroke patients in a tertiary care centre
44.	Incidence of seroconversion in HBe antigen positive chronic Hepatitis B patients who are on tenofovir therapy
45.	An Observational study based on blood culture and its aetiological and clinical correlation with CD4 count un HIV positive patients attending MCH.
46.	Study of comparison of serum lipid profile ECG echocardiographical changes between euthyroid diabetic and hypothyroid diabetic patients in a tertiary care hospital, Kolkata



47.	Study of the prevalence of peripheral vascular disease and its correlation with biochemical parameters of type2 diabetes mellitus patients attending a tertiary care hospital in Kolkata
48.	Study of etiology and short term outcome of sepsis by clinicopathological and biochemical parameters in a tertiary care hospital in Kolkata
49.	A prospective study of clinico – pathological and biochemical changes in patients with dengue fever in a tertiary care hospital, Kolkata
50.	A comparative study of prevalence of enteric parasites and other pathogens in stools of art naïve patients and patients on art in a tertiary care hospital, Kolkata
51.	A study of outcome of various etiologies associated with atrial fibrillation based on clinico – biochemical parameters
52.	Study of correlates of art nonadherence among HIV positive population and effects of cognitive behavior therapy in a tertiary care hospital in Kolkata
53.	A study on the quality of life of SLE patients and its relation to immunosuppressive therapy and clinical flare
54.	A comparison between basdai and two asdas (CRP and ESR) scores in Indian scenario for monitoring disease activities in patients with axial spondyloarthropathies attending a tertiary care hospital in Kolkata
55.	Comparative evaluation of diabetic and non – diabetic stroke patients admitted in a tertiary care hospital in Kolkata
56.	Systemic manifestation in cutaneous lupus erythematosus with special reference to renal involvement
57.	Clinical study of conduction block in acute myocardial infarction
58.	Predictors of case fatality within 28 days in acute ischaemic stroke patients in a tertiary care hospital
59.	Cardiac changes in isolated systolic hypertension in elderly with special reference to electrocardiography and echodoppler study
60.	Study of prevalence of diabetic nephropathy in patients with diabetes mellitus with associated hypothyroidism in a tertiary care hospital
61.	Nerve conduction velocity study in newly diagnosed rheumatoid arthritis patients and its correlation with disease activity
62.	Predictors of case fatality within 28 days in acute hemorrhagic stroke patients in a tertiary care hospital
63.	Clinical significance of asymptomatic bacteriuria in type 2 diabetes mellitus patients
64.	Etiological search for stroke in young patients in a tertiary care hospital of eastern India
65.	A study of therapeutic efficacy of cilnidipine on microalbuminuria in type II diabetes mellitus
66.	Clinical significance of non – alcoholic fatty liver disease in prediabetes patients presenting with microalbuminuria
67.	Correlation between glycated haemoglobin and dyslipidemia in type2 diabetes mellitus
68.	Prognostic significance of microalbuminuria in patients with recent ischaemic stroke
69.	A study on the correlation of serum vitamin D and HDL level with disease activity in patients of rheumatoid arthritis in a tertiary care centre in Kolkata
70.	Study to evaluate the therapeutic efficacy of metformin in non – alcoholic fatty liver disease in type2 diabetes mellitus patients diagnosed on the basis of USG abdomen and liver function test
71.	An observational study on prevalence and demographic characteristics of hypertensive patients with Vitamin D deficiency in a tertiary care hospital of eastern India
72.	Study of plasma glucose and glycosylated haemoglobin level in patients with chronic liver disease and its correlation with disease severity as determined by child pugh classification
73.	Prevalence of thyroid dysfunction in systemic lupus erythematosus and rheumatoid arthritis and its impact as a cardiovascular risk factor
74.	A study on clinical profile of patient presenting with gastrointestinal bleeding in a tertiary care hospital
75.	A study of clinical profile and short term in – hospital follow up of patients with cerebellar stroke on conservative management
76.	A study of etiology and clinical profile of patients admitted with acute hepatitis in a tertiary care hospital in eastern India
77.	An epidemiological study of meningitis in a tertiary care centre of eastern India and role of serum and CSF creatine kinase and lactate dehydrogenase in its diagnosis
78.	A clinical and diagnostic evaluation of ring enhancing lesion of brain on neuroimaging
79.	A study of lipid parameters in chronic kidney disease patients
80.	A clinical study of vasculotoxic snake bites with particular reference to endocrine and renal status with short term follow up of acute kidney injury patients to determine progression to chronic kidney disease
81.	Blood transfusion in septic shock : lower versus higher hemoglobin threshold and outcome
82.	Clinical and investigational profile of stable COPD patient following withdrawal of inhaled steroid
83.	Prevalence of undiagnosed diabetes mellitus and hypertension in patients admitted with cerebrovascular accident
84.	Morbidity and outcome profile of elderly patients supported by mechanical ventilation in a general critical care unit in SSKM Hospital & IPGME & R
85.	Respiratory functional assessment in patients of systemic sclerosis with special reference to oesophageal dilatation on hrct – thorax
86.	Prevalence and clinic – pathological profile of renal dysfunction in people living with HIV and AIDS
87.	Association between maternal subclinical hypothyroidism and gestational diabetes mellitus in a tertiary care centre
88.	An Etiological study of sepsis and mods in a teaching institution in eastern India with special reference to tropical infections
89.	The clinical spectrum of idiopathic inflammatory myopathy with special reference to muscle enzymes (creatinine kinase LDH SGOT SGOT)
90.	A cross sectional study on association of dyslipidaemia with chronic kidney disease
91.	A study on the impact of hyponatremia on short term outcome in acute stroke patients
92.	Diagnosis of minimal hepatic encephalopathy using psychometric analysis brain auditory evoked response
93.	Study of the impact of anthropometric measures inflammatory markers and insulin resistance on pulmonary function in obese adults
94.	Study of the effect of strengthening exercise on anthropometric and metabolic parameters in obese and overweight individuals

SL. NO	MICROBIOLOGY
1.	A study on biofilm producing uropathogenic bacteria isolated from the cases of urinary catheter associated urinary tract infections among the patients attending BMC &H
2.	A bacteriological study of suspected cases of enteric fever in a tertiary care hospital at Burdwan, West Bengal
3.	A parasitological study on cases of acute diarrhea of children attending BMC &H
4.	A study on the aerobic bacterial profile of pyoderma with special reference to the antibiotic susceptibility pattern of the isolets in a tertiary care hospital
5.	Comparative study between parasitological diagnosis and immunochromatographic test (ICT) used for detection of antigen in lymphatic filarisis
6.	A comparative study of molecular and serological diagnosis for early detection of chikungunya infection in a tertiary care hospital in Kolkata
7.	Genotypic identification of different mycobacterium species from clinical specimens from immunocompromised and immunocompetent patients with suspected tuberculosis attending a tertiary care hospital in Kolkata
8.	Drug resistance pattern seen in mycobacterial tuberculosis complex isolated from the sputum of HIV infected and HIV non – infected patients by line probe assay in a tertiary care hospital in Kolkata
9.	Virological and immunological profile of dengue fever cases attending the virology unit of CSTM, Kolkata
10.	Prevalence of hepatitis C genotype among patients attending a tertiary care hospital in Kolkata
11.	Prevalence and antibiogram of pathogens causing respiratory tract colonization and infection in ventilated patients admitted in CCU ward
12.	Prevalence of candida infection in ITU patients to assess invasive candidiasis with special reference to candida score a study
13.	A study on bacteriological profile and antibiogram pattern of microorganisms isolated from suspected cases of sepsis patients in paediatric age group in a tertiary care hospital, Kolkata
14.	Study evaluating relation between nasal carriage of staphylococcus and surgical site infection in a tertiary care hospital
15.	An Interventional study regarding the effect of hand hygiene on the occurrence of hospital acquired bacterial infection in a tertiary care hospital
16.	Inhibitory characteristics of one preformed biofilm to colonization of oter biofilm producers: An in – vitro study
17.	In – vitro study on potential efficacy of acriflavine and other molecules in the prevention of transfer of drug resistance in clinical nosocomial bacterial isolates
18.	A microbiological study of recurrent urinary tract infection with special reference to biofilm colonization
19.	Quality assessment of different solid culture media in terms of average bacterial colony size and steps for quality improvement
20.	Prevalence of cryptosporidiosis in stool samples in HIV seropositives attending the art centre of a tertiary care hospital at Kolkata with special reference to their cd4 count
21.	A study of bacteriological and mycological profile of bronchoalveolar lavage fluid and deep tracheal secretion among patirnts suspected for lower respiratory tract infection in critical care unit of a tertiary care hospital with special reference to antibiotic resistance pattern of bacterial isolates
22.	A study on speciation of malassezia isolated from vlinically suspected cases of pityriasis versicolor in a tertiary care hospital in Kolkata
23.	A study on microbiological profile and susceptibility pattern of isolates from patients with hospital acquired infections admitted in the intensive care unit in a tertiary care hospital
24.	Isolation of staphylococcus species with antibiotic susceptibility from different clinical samples in a tertiary care hospital in Kolkata

SL. NO	RADIODIAGNOSIS
1.	MRI in the diagnosis and preoperative classification of perianal and anal fistulas
2.	USG and MRI evaluation of rotator cuff pathologies
3.	Radiological assessment of sinonasal mass and correlation with clinicopathological findings
4.	Radiological evaluation and correlation of thickness and hydration status of cartilage in knee osteoarthritis
5.	Role of diffusion weighted imaging and 1H MR spectroscopy in diagnosis and prognostication of breast cancer
6.	Ultrasonography of the thyroid gland during pregnancy comparison among trimesters
7.	Comparison of transthoracic lung ultrasonography with HRCT lung in diagnosis of alveolo – interstitial syndrome of systemic scleroderma
8.	Detection and characterization of intracranial aneurysms : 3T magnetic resonance angiography versus digital subtraction angiography with 3D reconstruction
9.	Conventional magnetic resonance imaging and MR arthrographic evaluation of glenohumeral instability due to labral – Ligamentous complex lesions and rotator cuff tendinopathies
10.	Ankle sprain – USG and MRI correlation
11.	A study on effectiveness of high frequency ultrasonography in the diagnosis of nodular thyroid disease
12.	Evaluation of breast masses using ultrasound and mammography and it correlation with FNAC finding
13.	Accuracy of transcerebellar diameter measurement in comparison to biparietal diameter and femur length by ultrasonography in the evaluation of fetal age
14.	Evaluation of role ultrasonography as a preoperative diagnostic tool in acute appendicitis with operative and pathological correlation
15.	Estimation of normal fetal kidney length and its correlation with gestational age determined by established sonographic parameters
16.	A comparative study of ultrasonographic and MR imaging findings in clinically diagnosed case of adhesive capsulitis
17.	A study on role of DSA in intracerebral vascular anomaly comparison with CTA/MRA
18.	Comparison between MRCP and PTC with histopathological correlation in the evaluation of proximal biliary obstruction
19.	A study on role of magnetic resonance imaging in determining the aetiology of vertebral collapse
20.	Role of MRI in temporal lobe epilepsy – A clinico – Radiological correlation
21.	Imaging evaluation of posterior circulation stroke with clinical correlation in a tertiary stroke care centre with rural background
22.	Computed tomography (CT) scan evaluation of sputum positive pulmonary tuberculosis patients
23.	A comparative study of neuroimaging in Japanese encephalitis patients and non je viral encephalitis patients
24.	Evaluation of endometrial thickness by transvaginal sonography (TVS) in postmenopausal age group having symptom of uterine bleeding with histopathological correlation

SL. NO	COMMUNITY MEDICINE
1.	A study on morbidity pattern risk behavior and job related stress among professionals in information technology HUB, Salt Lake City, Kolkata
2.	A cross – sectional study on health status of female sex workers with emphasis on sexual and reproductive health in a red light area of Kolkata
3.	A study on assessment of nutritional status and morbidity pattern among under five children in a rural area of single block Hooghly Dist., WB
4.	A community based study on pulmonary morbidities among jute mill workers of North 24 Parganas
5.	A study on prognostic indicators and quality of life of tuberculosis patients attending dots centres of an urban health district in Kolkata
6.	A community based study on anaemia among women of reproductive age group in a rural area of WB
7.	A study on health status and occupational differentials among in a tertiary care hospital, Kolkata
8.	Utilization and awareness of adolescent – friendly reproductive and sexual health services : A community based study among adolescents in a rural block of Darjeeling dist., WB
9.	A study on abortion among women of reproductive age group in a block of Darjeeling Dist. WB
10.	Developmental delays among infants – A cross sectional study in rural areas of Siliguri subdivision, Darjeeling Dist. WB
11.	A study inventory management in sick newborn care units in a dist. of WB
12.	A study on the assessment of knowledge on tuberculosis and factors contributing to non – adherence to treatment in patient on directly observed treatment short course in an urban tuberculosis unit of Kolkata
13.	A study of socio demographic and clinical profile of pediatric HIV patients 18 months to 15 years attending a tertiary care centre in WB
14.	An epidemiological study on road traffic accident cases admitted in BSMC &H, Bankura WB
15.	Determinants of treatment outcome among the patients receiving directly observed treatment short – course under district tuberculosis centre tuberculosis unit of Bankura, West Bengal
16.	Prevalence of overweight and obesity and its correlates amongst rural adults : A cross sectional study in amdanda block, West Bengal
17.	Out of pocket household expenditure on medical care for under five children in a rural community of WB : A longitudinal study
18.	Assessment of tobacco use and exposure to environmental tobacco smoke among the medical and general undergraduate students of Kolkata
19.	A study on the performance of asha regarding under – five child health care in a rural block of West Bengal
20.	A longitudinal study on domestic accidents in a rural community of WB
21.	A comparative study on obesity among school children in rural and urban area of Burdwan District
22.	An Epidemiological study on burden of disability among leprosy cases in Burdwan Medical College & Hospital
23.	Assessment of the impact of treatment interruption on treatment outcomes among smear positive pulmonary tuberculosis patients in the revised national tuberculosis control programme in bhatar tuberculosis unit of Burdwan District of WB
24.	Tobacco use and its determinants : A comparative study among boys and girls students of higher secondary school in the district of Burdwan, West Bengal
25.	An Assessment of quality of diabetic care and health related quality of life in type2 diabetes mellitus cases attending tertiary care health facility in West Bengal
26.	Factors associated with intrauterine fetal death – A case control study in tertiary care hospital in Buedwan District
27.	A study of morbidity profile and its dwterminants among the bidi workers in a block (Farakka) Murshidabad Dist. under West Bengal