

ANATOMY	
SL. NO	
1.	Estimation of stature from percutaneous length of tibia amongst Bengalee population – An observational study in a teaching institution in WB
2.	Estimation of height percutaneous length of fibula in adult Bengali population
3.	A study on effect of inhaled corticosteroid therapy on growth in cases of bronchial asthma in paediatric population (3 – 12 years) in a tertiary care hospital in Burdwan
4.	A study of correlations between second and fourth digit length ratio height body mass index and axial length of eyeball in adult population presenting in a tertiary care hospital in Burdwan
5.	Morphometric study of glenoid cavity of adult human dry scapula in southern part of WB
6.	Anomalies of right coronary artery – An angiographic study
7.	Cadaveric study to identify the structural variations of the medial and lateral walls of the nasal cavity with special reference to clinical significance if any
8.	Measurement femur and tibia (percutaneous) and its relationship with stature among population of Eastern India
9.	Study of the human liver by ultrasound examination to search for the variations in its venous anatomy
10.	A clinico – anatomical study of inguinal hernia in a tertiary care hospital of West Bengal
11.	A study of dermatoglyphic patterns of hands in women with carcinoma breast
12.	Morphometric study of underscended testes by ultrasonography with peroperative correlation
13.	A study of the diaphyseal nutrient foramina of superior limb long boners sex differentiation and height determination
14.	Retrospective analysis of branching pattern of coronary arteries and their correlation with atherosclerosis
15.	A morphometric study on the proximal end of human tibia
16.	Correlation of human stature with cephalo – facial anthropometry in adult population
17.	Morphometric study of different orbital fissures foramina and orbital dimension in dry skull in the region of Eastern India
18.	Study of the morphological variations of foramen transversarium in human cervical vertebrae
19.	A study of dermatoglyphics in patients with rheumatoid arthritis in West Bengal
20.	Morphometric analysis of mental foramina accessory mental foramina and mandibular foramina accessory mandibular foramina in dry adult human mandibles of Eastern Indian population
21.	Study of variations in the branching pattern of axillary artery in human cadavers
22.	An anatomical study of mandibular branch of facial nerve with respect to its course relations and communications
23.	A study on morphometry and gender differences in adult dry human mandibles of WB population
24.	A descriptive study to determine the ages of epiphyseal union at lower end of radius and ulna in North Bengal population

SL. NO	ANEASTHESIOLOGY
1.	Prevention of emergence agitation in paediatric patients receiving general anaesthesia using sevoflurane for abdominal and urogenital surgeries: A comparative study between propofol and dexmedetomidine
2.	Comparative study of pre-incisional peritonsillar infiltration with levobupivacaine-dexamethasone combination and levobupivacaine alone for paediatric post-tonsillectomy pain relief: a double blind randomized clinical trial.
3.	A comparative study of intraoperative haemodynamic changes following coload with succinylated gelatin versus ringer's lactate in lower limb surgery under spinal anaesthesia.
4.	Pain on injection of MCT/LCT preparations of propofol and etomidate : A double blinded randomized comparative study.
5.	A comparative study of ultrasound guided transversus abdominis plane block versus local wound infiltration for post operative analgesia in patients undergoing lower abdominal surgeries.
6.	Comparison between intravenous bolus doses of phenylephrine hydrochloride and mephentermine sulphate for treatment of hypotension during caesarean section under spinal anaesthesia.
7.	Comparative evaluation of oral clonidine and pregabalin premedication for attenuation of haemodynamic response to laryngoscopy and endotracheal intubation
8.	Comparison between intravenous dexmedetomidine and midazolam for sedation during surgeries under brachial plexus block : A randomized, double blinded study.
9.	Comparison of the effect of magnesium sulphate with normal saline on the requirement of propofol in maintaining controlled hypotension in functional endoscopic sinus surgery.
10.	A comparative study between intravenous magnesium sulphate and dexmedetomidine for attenuation of cardiovascular stress response during pneumoperitoneum in patients undergoing laparoscopic cholecystectomy
11.	Comparison of prophylactic use of dexmedetomidine and tramadol for prevention of post operative shivering in patients undergoing surgeries under spinal anaesthesia
12.	Analgesic efficacy and sedative effect of dexmedetomidine versus clonidine as an adjuvant to epidural ropivacaine in lower limb surgery : A comparative study
13.	A comparative study of effects between intrathecal dexmedetomidine and clonidine and adjuvants to hyperbaric bupivacaine.
14.	Comparative evaluation of efficacy and duration of analgesia of clonidine and dexmedetomidine as adjuvant to bupivacaine in supraclavicular brachial plexus nerve block in upper limb orthopedic surgery
15.	A comparison of postoperative analgesic efficacy of levobupivacaine versus levobupivacaine-clonidine combination in caudal blockade in paediatric patients undergoing infraumbilical surgery
16.	Comparison of severity of hypotension between the different positions during spinal anaesthesia for lower segment caesarian section
17.	Comparative study between fentanyl and nalbuphine in combination with bupivacaine in spinal anaesthesia for different lower abdominal and lower limb surgeries.
18.	Effect of lactated ringer's solution versus acetated ringer's solution on acid base status and electrolyte in patients undergoing major gastrointestinal surgery.
19.	Clinical effects of cuffed versus uncuffed endotracheal tube in pediatric patients undergoing general anaesthesia : A randomized controlled study.
20.	A comparative study between colloid preload and crystalloid co load in spinal anaesthesia for elective cesarean section and its effect on incidence of maternal hypotension and fetal outcome
21.	A comparative study between combined spinal epidural anaesthesia and general anaesthesia for radical cystectomy and urinary diversion of bladder.
22.	Comparison of clinical effects of bispectral index guided administration of propofol and dexmedetomidine for conscious sedation in ERCP procedures : A prospective randomized control trial
23.	Efficacy and safety of intravenous phenylephrine and mephentermine for management of hypotension during spinal anaesthesia : A single blind prospective and comparative study among patients undergoing cesarean section.
24.	A comparative study of 0.5% Bupivacaine versus 0.75% Ropivacaine for analgesic efficacy under Supraclavicular Brachial Plexus Block.
25.	Comparison of post operative acidemia after intraoperative administration of balanced crystalloid (Plasma-lyte A®) V/S 0.9% sodium chloride in gastro intestinal surgery.
26.	Dexmedetomidine infusion as an anaesthetic adjuvant for maintenance of anaesthesia in patients undergoing intracranial surgeries(A comparison of two different doses).
27.	Comparison of esmolol and verapamil for attenuation of cardiovascular stress response to laryngoscopy and endotracheal intubation in elective surgery patients
28.	Comparative study of dexmedetomidine and fentanyl on hemodynamic responses during laryngoscopy and pneumoperitoneum in laparoscopic cholecystectomy.
29.	A comparison of analgesic efficacy of ultrasound guided transversus abdominis plane block with local anaesthetic infiltration in surgical incision site for post-operative analgesia in lower abdominal gynaecological surgery.
30.	A comparative study of quality of ultrasound guided supraclavicular and infraclavicular blocks for upper limb surgery
31.	A comparative study between dexmedetomidine and dexmedetomidine plus fentanyl as premedication for attenuation of haemodynamic surge during laryngoscopy and intubation
32.	A comparative study between propofol and etomidate as inducing agent with respect to haemodynamic response in patients undergoing laparoscopic cholecystectomy
33.	Post operative emergence delirium in paediatric patients undergoing herniotomy surgery-A comparison between desflurane and sevoflurane
34.	Comparative study of the efficacy and safety of isobaric 0.5% levobupivacaine with hyperbaric 0.5% bupivacaine in subarachnoid block for lower limb surgeries

35.	A comparative study between dexmedetomidine and magnesium sulphate as an adjuvant to intrathecal bupivacaine in lower limb orthopaedic surgery
36.	A comparative study of intravenous fentanyl and intravenous esmolol and combination of intravenous fentanyl and esmolol on hyperdynamic cardiovascular responses to laryngoscopy and endotracheal intubation
37.	Incidence of airway morbidity in patients under general anaesthesia with controlled ventilation : A comparative study of IGEL vs. PRO-SEAL LMA.
38.	Comparison of intrathecal bupivacaine hydrochloride with Fentanyl citrate and bupivacaine hydrochloride with butorphanol hydrochloride for post operative analgesia in patients undergoing lower abdominal surgery
39.	Post dural puncture headache in both elective and emergency surgery – A comparative study using 25 G quincke and whitacre needle
40.	Comparative study between intravenous granisetron and lignocaine as pretreatment to alleviate pain during intravenous propofol injection
41.	Nebulization with KETAMINE attenuates Post operative sore throat after orotracheal intubation – a randomized placebo controlled, single blind clinical trial.
42.	A randomized double blind study comparing oral clonidine and oral pregabalin in maintaining hemodynamic stability during laparoscopic cholecystectomy under general anesthesia.
43.	Comparisons of effects of different doses of dexmedetomidine as additive in intrathecal blockade with 0.5% hyperbaric bupivacaine in lower limb orthopedic surgeries-A double blind controlled study.
44.	Effect of intrathecal, levobupivacaine 0.5% with nalbuphine and levobupivacaine 0.5% with fentanyl in lower limbs orthopedic surgeries : A randomized open label clinical trial.
45.	Hemodynamic effects of levosimendan in patients undergoing elective primary off-pump coronary artery bypass graft (OPCABG)surgery : A prospective, randomized, double-blind study
46.	A comparative study of fentanyl and nalbuphine on haemodynamic changes during intubation in geriatric patients.
47.	A comparative study between I-Gel™ endotracheal tube for volume controlled ventilation in patients undergoing laproscopic cholecystectomy.
48.	A comparative study between intrathecal hyperbaric bupivacaine with fentanyl and hyperbaric bupivacaine with midazolam for assessment of quality of anaesthesia and duration of postoperative analgesic effect in patients undergoing elective lower limb surgery.
49.	Effects of anxiolytic premedication with oral lorazepam or oral alprazolam on the postoperative cognitive function of patients undergoing elective major surgery under general anaesthesia: A randomized double clinical trial
50.	A randomized double blind study comparing oral clonidine and oral gabapentin for attenuating hemodynamic response to laryngoscopy and tracheal intubation under general anaesthesia
51.	Comparison of hemodynamic effects of levosimendan and dobutamine in patients undergoing mitral valve surgery under cardiopulmonary bypass.
52.	Comparison of clinical performance of the cuffed endotracheal tube with uncuffed endotracheal tube for endotracheal intubation in elective pediatric surgery
53.	A comparative study between intrathecal nalbuphine-bupivacaine and fentanyl-bupivacaine for the control of post operative pain in patients undergoing cesarean section under spinal anaesthesia
54.	The abilities of pulse pressure variation and stroke volume variation to predict fluid responsiveness in prone position during lumbar fixation surgery.
55.	Comparison of regional cerebral oxygen saturation and central venous oxygen saturation as predictors of outcome in off-pump coronary artery bypass graft surgery patients.
56.	Comparative evaluation of proseal laryngeal mask airway and I-Gel with endotracheal tube in laparoscopic cholecystectomy : a randomized controlled study.
57.	A comparison of hemodynamic effects between induction agents propofol & etomidate in patients undergoing lumbar spinal surgeries.
58.	An analytical observational study on the prognostic implication of postoperative serial serum lactate level for complications and predicting length of intensive therapy unit stay after major abdominal surgery
59.	A comparative study of 0.5% bupivacaine with fentanyl versus 0.75% ropivacaine with fentanyl in epidural anesthesia for abdominal hysterectomy
60.	A study to compare hemodynamic response to induction with intravenous etomidate and intravenous midazolam in patients with coronary artery disease posted for coronary artery bypass grafting.
61.	Effect of desflurane and sevoflurane on awakening and quality of recovery in patients undergoing general anesthesia for abdominal surgeries : a randomized double blind controlled trial.
62.	Comparison of hemodynamic and biochemical changes between normal saline irrigation and glycine irrigation in transurethral resection of prostate for benign prostatic hyperplasia – a prospective randomized study.
63.	Evaluation of APACHE-IV and SAPS-II scoring systems and calculation of standardized mortality rate in severe sepsis and septic shock patients : a prospective observational study.
64.	Study of the effect of monitoring intraoperative regional cerebral oxygen saturation on postoperative cognition in elderly patients undergoing major abdominal surgery
65.	Recovery characteristics of BIS-guided equisedative infusion of propofol and dexmedetomidine for sedation in spinal anesthesia in elderly patients undergoing hip surgery
66.	Comparison of dexmedetomidine-propofol versus fentanyl-propofol for insertion of laryngeal mask airways

SL. NO	BIOCHEMISTRY
1.	Thyroid and kidney functions in type 2 diabetic patients attending the diabetes clinic of Bankura Sammilani Medical College and Hospital: A descriptive cross-sectional
2.	Association of vitamin D status with polycystic ovary syndrome in relation to insulin resistance and serum total testosterone
3.	Vitamin D Status and its Association with serum Beta HCG and serum AFP in second trimester of Pregnancy for predicting pre-eclampsia
4.	Assesment of glycaemic lipaemic & vitamin D status in subjects suffering from type-2 diabetes mellitus
5.	Obesity as an independent risk factor for cardiovascular diseases :- A study in a tertiary referral centre in Eastern India.
6.	Estimation of serum zinc magnesium calcium in asthma patient attending OPD in Burdwan Medical College and Hospital
7.	To study the relationship between uncontrolled and under controlled type 2 diabetes mellitus patients with thyroid dysfunction in a tertiary care hospital
8.	A study to assess diabetic retinopathy by estimating different biochemical markers
9.	Study on correlation between plasma 25(OH) VIT D calcium and thyroid profile in hypothyroidism
10.	Study of polymorphism of Gly 1057 Asp of IRS-2 gene and Pro-12 Ala of ppar γ gene in Bengali population suffering from type 2 diabetes mellitus with or without microvascular complications
11.	Vitamin D deficiency and insufficiency in chronic kidney disease patients with special reference to its relation with estimated glomerular filtration rate value and proteinuria
12.	A comparative study of insulin resistance and high sensitivity C-reactive protein (hsCRP) level in polycystic ovarian syndrome (PCOS) patients
13.	Evaluation of Na ⁺ /K ⁺ AT pase activity for assessing the severity and complications of diabetes mellitus as reflected by insulin resistance glycated hemoglobin and dyslipidemia
14.	Association of Na ⁺ +K ⁺ +AT pase activity with complication of primary hypothyroidism as reflected by dyslipidaemia and membrane cholesterol
15.	A study to establish relationship of insulin resistance and anti-thyroid peroxidase antibodies in hypothyroid patients attending OPD of North Bengal Medical College and Hospital
16.	A cross-sectional study to establish relationship between blood glucose level&vitamin D level by comparing the normoglycaemic subjects & subjects with impaired glycaemic status at North Bengal Medical College and Hospital
17.	A cross-sectional study of serum micronutrient levels in patients with thyroid disorder attending the tertiary care hospital of North Bengal
18.	A study to correlate hs CRP and HbA1C with microalbuminuria among diabetic out patients attending North Bengal Medical College and Hospital
19.	Altered insulin sensitivity, insulin secretion and lipid profile in non-diabetic prostate carcinoma
20.	Study of serum alkaline phosphatase, serum calcium and vitamin D in postmenopausal women
21.	Correlation between glyceemic control and body iron status in patients of type 2 diabetes mellitus in a tertiary care hospital
22.	Importance of assessment of serum magnesium in type II diabetes mellitus patients and its relationship with urinary microalbumin output
23.	Correlation of vitamin D level with thyroid profile in hypothyroid patients
24.	Psoriasis an inflammatory condition associated with oxidative stress
25.	Assessment of non-specific cell medidated immunity with glyceemic control in patients of type 2 diabetes mellitus in a tertiary care hospital.
26.	Study of Plasma H ₂ S level and cystathionine beta synthase (CBS) gene polymorphism (833T>C) in preeclampsia
27.	Study of insulin resistance and serum testosterone level in polycystic ovarian syndrome (PCOS) with depression

DERMATOLOGY

SL. NO	
1.	A clinico – etiological study of peripheral nerve damage in leprosy in a tertiary referral centre of Eastern India
2.	A quality of life (QOL) study of the leprosy patients attending the dermatology OPD of a tertiary referral centre of Eastern India
3.	Clinical pattern of children vitiligo in a tertiary care centre in Eastern India
4.	A clinico – pathological study of cutaneous vasculitis in a tertiary referral centre of Eastern India
5.	Genetic association with endoplasmic reticulum aminopeptidase1 (ERAP1) in psoriasis patients – A case control study in a tertiary care centre in Eastern India
6.	A cross sectional clinical study of erythroderma in patients attending the dermatology OPD and IPD of a tertiary care hospital in Eastern India
7.	A study of clinico mycological profile of onychomycosis in patients attending the dermatology OPD of a tertiary care centre in Eastern India
8.	A study on clinico – histological profile of erythroderma with special emphasis on metabolic changes in patients admitted in a tertiary care institute in Eastern India
9.	Dermatoses in post menopausal women clinico – demographic profile of patients attending a tertiary institution in Eastern India
10.	Clinico epidemiological histopathological profile of pityriasis rosea
11.	Disabilities in leprosy patients at presentation - A clinical study in a dermatology OPD of a tertiary care centre
12.	Prevalence and patterns of pregnancy dermatoses in women attending dermatology OPD in a tertiary care centre
13.	A study on clinico – Epidemiological pattern of cutaneous changes among pregnant mothers at a tertiary care hospital in West Bengal
14.	Clinico – epidemiological study on reactions in leprosy a cross sectional study from a tertiary care hospital in Eastern India
15.	Clinical study of nail changes in alopecia areata: It's frequency and pattern
16.	Subcutaneous autologous serum therapy vs. conventional intramuscular autologous serum therapy in chronic urticaria : A randomised controlled trial comparing the effectiveness and safety
17.	Childhood alopecia areata : A clinico – epidemiological study
18.	Cutaneous nodular lesions : A clinico – histopathological study
19.	Efficacy and safety of intralesional mumps – measles – rubella vaccine in the treatment of viral wart(s) : A double blind placebo controlled randomised clinical trial

SL. NO	F.S.M.
1.	Study of pathological finding of liver in autopsy cases in MMC &H (Midnapore), mortuary
2.	An epidemiological study on female victims of alleged sexual assault aged below 18 years brought to the dept. of forensic medicine North Bengal Medical College for medicolegal examination
3.	Study of the bi – acromial breadth and bi – iliocristal breadth and its correlation with length of dead bodies
4.	A study of estimation of stature from measuring percutaneous foot length and breadth in adult population
5.	A study of RIB fracture(s) among the cases coming for medicolegal autopsies in Kolkata police morgue, medical College, Kolkata
6.	A study of estimation of stature from percutaneous ulnar length in adult population residing in WB
7.	Autopsy study of firearm injury cases in last 5 years done at RG Kar MC police morgue
8.	An autopsy study of different coronary arteries occlusion among randomly selected deceased
9.	A study on postoperative cases coming for autopsy at RGKMC &H police morgue to determine the cause of death
10.	Autopsy study of traumatic brain injury with special reference to incidence and pathology of sub – arachnoid haemorrhage
11.	Morpho – pathological study of kidney in brought dead cases reported for autopsy at NRSMCH mortuary excluding unnatural deaths
12.	Epidemiological study on patterns of injuries to abdomino pelvic organs in deaths due road traffic incidents brought to NRSMC mortuary
13.	Study of weights of human internal organs in adult Bengali population in relation to their body mass index
14.	Review of estimation of age from eruption of teeth in the age group 6 – 11 years

GYNAE. & OBS.

SL. NO	
1.	Comparative study of ductus venosus Doppler versus umbilical artery Doppler in management of intrauterine growth restriction and perinatal outcome
2.	Study on prediction of preterm labour using cervical measurements at mid-gestation (18-22 weeks) by TVS
3.	Randomized control trial to evaluate efficacy and safety of dienogest in endometriosis with dose range of 2mg vs. 4mg
4.	Comparative analysis of safety, efficacy and fenomaternal outcome with induction of labour in term live pregnancy with oral mifepristone and intracervical dinoprostone gel
5.	A randomized controlled trial of intrauterine device placement during cesarean delivery versus 6 weeks postpartum
6.	A study of peri menopausal abnormal uterine bleeding with special reference of endometrial thickness by TVUSG
7.	An analytical study to compare material outcomes when MgSO ₄ therapy after loading dose is continued to 12 hours instead of 24 hours in severe pre-eclampsia and eclampsia
8.	Expression of leptin in placenta of patients with gestational diabetes mellitus; clinical and prognostic implications
9.	A randomized controlled trial to compare dinoprostone gel (PGE ₂) versus combination of mifepristone plus misoprostol for induction of labour in intrauterine fetal death with unfavourable cervix.
10.	Study on comparative diagnostic efficacy of HSG and laparoscopy in infertility
11.	Assessment of anti-mullerian hormone in polycystic ovary syndrome in comparison to normo-ovulatory women and it's relationship with clinical, biochemical and ultrasonographic ovarian morphology in polycystic ovary syndrome
12.	A study on postpartum eclampsia, its clinical presentation, biochemical changes and maternal outcome
13.	Acceptability uptake and safety of postpartum intrauterine contraceptive device
14.	Sublingual Misoprostol 400 mcg versus rectal misoprostol 600 mcg for prevention of primary postpartum haemorrhage : An open label randomized clinical trial.
15.	Study of association of decreased maternal serum 25 – hydroxyl vitamin D level and the development of preeclampsia in pregnant women attending a tertiary care referral hospital in Kolkata.
16.	Prospective study of jaundice in pregnancy admitted in a tertiary care centre with special reference to the fetomaternal outcomes
17.	Study of thalassemia in pregnancy with particular reference to its complications and outcome
18.	Effect of intramyometrial injection of vasopressin in reducing blood loss during caesarean section in placenta praevia
19.	Maternal and perinatal outcome in teenage primigravida as compared to primigravida aged 20-29 yrs in tertiary care centre
20.	A comparative study of fetomaternal outcome between 37-40 wks. And 40-42 wks. Of pregnancy
21.	A study of adverse fetomaternal sequelae in relation to previous caesarean deliveries
22.	A comparative study between early enteral versus conventional enteral feeding after major gynaecological surgery
23.	Relationship of a symptomatic bacteriuria in pregnancy(ASB) & preterm labour : A case control study
24.	An analytical observational study to determine the ratio of Transcerebellar Diameter and abdominal circumference in detection of asymmetrical IUGR
25.	Randomised controlled trial to study the efficacy of Inositol(2 g twice daily) as compared to folic acid alone in improving ovarian function and menstrual irregularities in infertile women with Polycystic ovarian disease.
26.	A comparative study between early and routine diagnosis of gestational diabetes mellitus with maternal and foetal outcome
27.	Evaluation of obstetric near-miss & maternal deaths in a tertiary care hospital in eastern India: An observational study
28.	Sublingual Vs vaginal misoprostol for cervical ripening before diagnostic hysteroscopy
29.	A prospective study of risk factors and fetomaternal outcome in placenta praevia
30.	Comparative study between use of vessel sealing system(Ligasure) versus conventional suture ligation in Abdominal Hysterectomy for benign diseases
31.	Evaluation of thyroid function in patients with hyperemesis gravidarum
32.	A prospective study of Feto Maternal outcomes in pregnant Women with subclinical Hypothyroidism
33.	A study of maternal and perinatal outcome in women with and without gestational diabetes mellitus according to international association of diabetes and pregnancy study group (IADPSG) criteria
34.	Prevention of pre-eclampsia and fetal growth restriction by low dose aspirin in women with abnormal first trimester and early second trimester uterine artery dopplers – A randomized controlled prospective interventional study
35.	Clinical study on Late Fetal death
36.	Effect of L-arginine supplementation on amniotic fluid index in case of oligohydramnios between 28-34 weeks of pregnancy – A randomized controlled prospective interventional study

37.	Comparison of continuous combined oral contraceptive pills with estrogen progesterone combination vaginal ring in management of patients of endometriosis with pelvic pain.
38.	A comparative study to estimate safety and efficacy of large-dose intravenous administration of ferric carboxymaltose with oral iron therapy in postpartum woman with iron deficiency anaemia: A randomized control trial
39.	Sociodemographic and Clinical Determinants of Stillbirths in an Urban Teaching Hospital
40.	Perinatal Outcomes in pregnancies at term with borderline versus normal amniotic fluid index
41.	A study to corroborate early onset pre-eclampsia with uterine artery notch depth index in pregnant women
42.	A clinical, cytological and colposcopic evaluation of post menopausal bleeding due to Atrophic vagi and response to local estrogen therapy in a tertiary care hospital
43.	A prospective study on short term bladder dysfunction following total abdominal hysterectomy with bilatearal salpingo – oophorectomy
44.	A prospective study of perianal complications during antenatal, intrapartum and post-partum period
45.	A prospective study showing pregnancy outcomes among multigravidae with singleton pregnancy presenting with reduced fetal movements on or after 32 weeks.
46.	Evaluation of maternal perception of reduced foetal movement and its correlation with perinatal outcome
47.	Correlation between colposcopy and histopathology from leep excision biopsy in cervical lesion in 'see and treat approach'
48.	Evaluation of fetal growth by gravidogram and its correlation with ultrasonographic findings both in normal and iugr pregnancies – A prospective study
49.	A comparative study between clampless non descent vaginal hysterectomy and conventional non descent vaginal hysterectomy
50.	Evaluation of still birth in a tertiary care hospital
51.	A prospective observational study of maternal and perinatal outcome in pregnancies at term with amniotic fluid index ≤ 5
52.	A clinic-epidemiological study of the infertile couples in a tertiary care hospital
53.	Study of pregnancy outcome in women presenting with first trimester bleeding per vagina
54.	Assessment and management of women with decreased fetal movement and its correlation with perinatal outcome – a prospective longitudinal study
55.	Induction of labour compared with expectant management in case of premature rupture of membrane at term
56.	Mode of delivery and fetomaternal outcome in post caesarean pregnancy
57.	Prevalence of vitamin D deficiency and its association with metabolic risk factors in patients with polycystic ovary syndrome
58.	Comparative evaluation of Intra-operative adhesions in Post-caesarean and repeat-caesarean cases
59.	Amniotic fluid index values after preterm premature rupture of membrane and its relation to perinatal outcome
60.	Association of mode of delivery with urinary incontinence and changes in urinary incontinence over the first year postpartum – a nested case control study
61.	Use of ultrasound in predicting success of intrauterine contraceptive device insertion immediately after delivery
62.	Lactate dehydrogenase as a biochemical marker of adverse pregnancy and fetal outcome in preeclampsia: A comparative study
63.	Induction of labour in late intrauterine fetal death by vaginal misoprostol Vs. sublingual misoprostol (after oral mifepristone): a prospective randomized controlled study
64.	Study on removal of urethral catheter immediately versus after 12 hours following cesarean section – A prospective randomized controlled trial.
65.	Oral nifedipine versus intravenous labetalol in hypertensive emergencies of pregnancy : a randomized trial
66.	Comparison between the outcomes of short term versus long term catheterization after anterior colporrhaphy with or without other associated vaginal procedures : A hospital based prospective, comparative, randomized study
67.	Effect of neurological disorders on fetomaternal outcome – A clinical observational study from a tertiary care centre of eastern India
68.	Comparative analysis of safety efficacy and fetomaternal outcome of induction of labour with Oral Mifepristone versus Intracervical Dinoprostone Gel
69.	A study on correlation between laterality of placenta on sonography and development of preeclampsia.
70.	A study to analyse the association Of metabolic syndrome in polycystic ovarian syndrome
71.	Comparison of efficacy of mifepristone combined with misoprostol and ethacridine lactate in second trimester abortion – A randomized controlled study.
72.	A comparative Analysis of the safety and efficacy of norethisterone and low dose combined oral contraceptive pills in patients presenting with DUB
73.	A study on clinicopathological changes of placenta in mothers with pregnancy induced hypertension and its effect of fetomaternal outcome
74.	A study of effect of ormeloxifene in dysfunctional uterine bleeding and dysmenorrhoea in women of reproductive age group
75.	Study of urinary tract infections in pregnancy its association with maternal morbidity and perinatal outcome in a tertiary care centre.

76.	Study on spot urine protein/creatinine ratio in pre-eclampsia as an alternative for 24 hours urine protein & its correlation with the severity of pre-eclampsia
77.	Magnesium sulfate prophylaxis in severe preeclampsia for 12-hour versus 24-hour postpartum in relation with hypocalcaemia and fetomaternal outcome – A randomized control study in a peripheral medical college & hospital of West Bengal
78.	Comparison of fetomaternal outcome between vaginal delivery & LSCS in women with eclampsia-prospective observational study
79.	Critical analysis of maternal risk factors and obstetric background and care of mothers of newborns requiring neonatal intensive care unit admission due to birth asphyxia – one year study in a rural medical college.
80.	Chlorhexidine versus povidone-iodine antiseptics for reduction of post caesarean section surgical site infection rate : a randomized controlled trial.
81.	A comparative study between patwardhan technique and fetal pillow during cesarean section in full dilatation(CSFD) in cases of deeply engaged fetal head.
82.	Mifepristone followed by misoprostol versus misoprostol alone for induction of labour in intrauterine fetal death at or after 28 weeks of gestation ; a randomised controlled trial
83.	Estimation of foeto-maternal haemorrhage after normal delivery, caesarean section and miscarriage
84.	Perinatal outcome in idiopathic oligohydramnios with amniotic fluid index <5 cm compared with normal amniotic fluid index (5-25)cm. A prospective case control study
85.	Antenatal evaluation of umbilical & middle cerebral artery doppler velocimetry and its correlation with perinatal outcome in intrauterine growth restriction
86.	A prospective study of antepartum cardiotocography in mothers with reduced fetal movement at term and its correlation with perinatal outcome
87.	A study of wound complications after caesarean section

SL. NO	OPHTHALMOLOGY
1.	A study on association of primary open angle glaucoma in type 2 diabetic patients attending ophthalmology OPD
2.	Comparison of efficacy of bevacizumab vs mitomycin – C in augmented trabeculectomy
3.	Comparative analysis of endothelial cell count by specular microscopy before and after phacoemulsification in different dilated pupillary size
4.	Evaluation of serum cortisol levels in idiopathic central serous chorioretinopathy – A study carried out at a tertiary level hospital in Eastern India
5.	Comparison between fibrin glue and polyglactin sutures in limbal based conjunctival autograft technique in primary pterygium surgery in adults – A randomised controlled trial
6.	A study on the differential correlation of central corneal thickness with glaucomatous damage between the paired eyes in primary open angle glaucoma and ocular hypertension
7.	A study on assessment of the association of ocular biometric parameters and refractive error with diabetic retinopathy in persons with type 2 diabetes
8.	Magnitude of primary open angle glaucoma in patients with obstructive sleep apnoea syndrome – An observational study
9.	A study on the pattern of blindness and visual impairment among the patients attending tertiary care hospital – A rural medical college of WB
10.	Clinical profile of patients with ophthalmic manifestations attending emergency dept. in rural medical hospital
11.	A cross – sectional study to assess the prevalence of glaucoma in a peripheral medical college and hospital West Bengal
12.	A study to assess the correlation of intraocular pressure with blood pressure in pregnant women in a tertiary care hospital in Burdwan
13.	Causal association and vision related morbidity and quality of life of children attending blind school in Burdwan District
14.	A clinical study on incidence of epiphora in patients receiving docetaxel in a tertiary care hospital in Kolkata
15.	A study on visual evoked potential changes in patients with type 2 diabetes mellitus
16.	A study on comparison of keratometric changes between pre – incision and single stepped clear corneal incision in phacoemulsification surgery
17.	A comparative study of prevalence of dry eye among the smokers and non smokers
18.	A prospective study on ophthalmic manifestations of multiple myeloma
19.	Relationship between contrast sensitivity and macular thickness in patients of primary open angle glaucoma
20.	Correlation of central corneal thickness intraocular pressure and systolic blood pressure in different age groups in a tertiary care centre in Kolkata
21.	A prospective observational study to assess choroidal thickness in patients with unilateral central serous chorioretinopathy using enhanced depth imaging optical coherence tomography
22.	Efficacy of eplerenone in chronic central serous chorioretinopathy: A placebo controlled double blind study
23.	Effect of trabeculectomy on RNFL thickness using optical coherence tomography and correlating with visual field changes
24.	A descriptive study of malignant eyelid and adnexal tumours in patients attending a tertiary care hospital in Eastern India
25.	Visual outcome of cataract surgery in cases of traumatic cataract
26.	Fundus finding in the fellow eye in a case of rhegmatogenous retinal detachment
27.	Tear fluid nucleic acid variations in Parkinsonis disease: A cross – sectional observational study
28.	A prospective study on analysis of subfoveal choroidal thickness after focal / grid laser photocoagulation for non-centre involving diabetic macular edema in non -proliferative diabetic retinopathy patients
29.	Factors responsible for non healing bacterial corneal ulcer presenting at regional institute of ophthalmology (RIO) Kolkata – A clinico – pathological study
30.	Study of oncidence of retinopathy of prematurity and its risk factors in the sick new born care unit and neonatal intensive care unit of tertiary care hospital in Kolkata with special emphasis on aggressive posterior retinopathy of prematurity
31.	Tenzel rotational flap reconstruction of upper and lower eyelid in cases of malignant tomours

SL. NO	ORTHOPEADICS
1.	Comparative Study in between volar and dorsal approaches for surgical treatment in fracture of proximal half of radius in relation to preventing injury to posterior interosseous nerve
2.	Short term study with limb reconstruction system in open, infected & non-united fractures of Femur and Tibia
3.	A study on the bacterial flora contaminating open fractures and its significance in the choice of antibiotics in a teaching hospital
4.	Comparative study between open and arthroscopic surgical techniques in the management of recurrent anterior instability of the shoulder
5.	Comparative study between open resection and Endoscopic Calcaneoplasty for Haglund's Deformity
6.	A Comparative Study on the Results of Lower Radial Fractures Involving Its Articular Surface Treated Primarily with Contoured Lower Radial Volar Locking Plates Vs Closed Redu ction and Fixation with External Fixator and K-Wires
7.	A comparative study of displaced supracondylar fractures treated by one lateral and one trans olecranon kirschner wire fixation and to lateral entry kirschner wire fixation.
8.	A comparative study of the outcome in the management of subtrochanteric fractures with the proximal femoral locking plate and proximal femoral nail
9.	A comparative study of superior versus anteroinferior plating in midshaft clavicle fractures.
10.	Efficacy of autologous intra articular platelet rich plasma injection in mild to moderate knee osteoarthritis
11.	Assessment of correlation between clinoradiological parameters and arthroscopic findings in subscapularis tear
12.	Evaluation of clinical out come of medial patellofemoral ligament reconstruction in patients with recurrent patellar instability.
13.	A comparative study between hybrid external fixation and open reduction internal fixation by plating in fracture proximal tibia
14.	Analysis of results of arthroscopic subacromial decompression with platelet rich plasma injection in rotator cuff tendinopathy
15.	Primary anterior cruciate ligament reconstruction using semitendinosus and gracilis autograft:evaluation of clinical outcome.
16.	A comparative study in functional Outcome between plating osteosynthesis and interlocking nail in diaphyseal fractures of humerus in adults
17.	Instrumentation with or without decompression, and spinal fusion with intertransverse sacrospinalis pedicle bone graft or free graft in lumbosacral spondylolisthesis: A comparative study
18.	A study of results of trochanteric femoral nailing in fresh intertrochanteric fractures of femur
19.	Inc idence of physeal injury in long bones and treatment outcome in patients admitted in Burdwan Medical College and Hospital
20.	A study of incidence of fractures around knee and review of their results of treatment in adult road traffic accident victims
21.	Clinical and radiological outcome of operative treatment of acetabular fractures
22.	Surgical outcome of percutaneous fixation for calcaneal fractures in adults
23.	Analysis of short term results of arthroscopically - assisted reduction and internal fixation of tibial plateau fractures
24.	Short term clinical and radiological outcome of lateral mass fixation in subaxial cervical spine injury
25.	Analysis of results of unstable trochanteric and subtrochanteric fractures with PFNA-II
26.	Analysis of early functional results of ACL reconstruction in respect to femoral side with aperture fixation and suspensory fixation
27.	Comparative evaluation of Osteosynthesis using TENS and Ender's nail in diaphyseal femur fractures in pediatric age group
28.	Evaluation of results of gradual distraction technique for correction and functional recovery of neglected CTEV
29.	Comparative evaluation of results of close reduction and external fixation versus open reduction and internal fixation with plate screw fixation for displaced proximal humerus fractures in adult
30.	Evaluation of results of closed reduction and internal fixation of intertrochanteric fracture of femur with dynamic hip screw by minimally invasive procedure
31.	Comparative evaluation of results of close reduction and external fixation versus open reduction and internal fixation for tibial plateau fractures in adult
32.	Comparative evaluation of results of close reduction and external fixation versus open reduction and internal fixation for distal humerus fractures in adult patients

SL. NO	E.N.T.
1.	A clinicopathologic study on non – epithelial tumors of nasal cavity paranasal sinuses and pharynx
2.	Clinicoradiological assessment of sino – nasal fungal diseases and their etiological evaluation
3.	Frequency of radiotherapy induced hearing loss in patients of head and neck cancers
4.	Role of carbon-dioxide laser versus cold steel in benign lesions of larynx
5.	Comparative study on outcome of type – I tympanoplasty by microscopic versus endoscopic assisted methods
6.	Study of correlation of clinical and endoscopic evaluation with 18 FDGPETCT in detecting the recurrence or residual tumour after definitive treatment in the follow up cases of squamous cell carcinoma head and neck
7.	A comparative study to evaluate the outcome of type I tympanoplasty using temporalis fascia and tragal cartilage – perichondrium (composite graft) as grafting material in patients attending North Bengal Medical College
8.	Endoscopic evaluation of sinonasal mass with its histopathological and radiological correlation
9.	A comparative study about the effects of anterior nasal packing for epistaxis by conventional nasal pack vis-à-vis polyvinyl – alcohol sponge
10.	A prospective study of medialisation thyroplasty in unilateral vocal fold paralysis in a tertiary referral hospital
11.	A clinico radiological study of squamosal variety of chronic otitis media and its correlation with operative findings
12.	A clinicopathological study of cervical lymph node and correlation among sonological and cytological finding
13.	Assessment of pre – and post – operative voice quality in cases of vocal fold polyp
14.	Clinico pathological study of neoplastic disease of salivary with radiological correlation
15.	A comparative study on functional status of recurrent laryngeal nerve with or without exposure of the nerve during different types of thyroid surgery
16.	Clinical study of various types of deviated nasal septum
17.	Outcome of tympanoplasty in patients with com having mixed hearing loss
18.	Surgical treatment of benign vocal fold lesions – laser versus cold steel: A comparative study
19.	Study of status of ossicular chain in various types of chronic otitis media
20.	A clinicopathological and diagnostic study of patients of laryngeal malignancy with a special mention to its surgical management (total laryngectomy) and voice rehabilitation with voice prosthesis
21.	A clinical study on revision tympanomastoid surgery in chronic otitis media to identify the causes of failure and its management with special reference to computed tomography
22.	A study on management of metastatic neck nodes by different types of neck dissection and evaluation of outcome with special emphasis on quality of life and vascular status of internal jugular veins
23.	Evaluation of hearing status after canal wall down mastoidectomy in squamosal variety of chronic otitis media
24.	A comparative study of autologous cartilage ossiculoplasty with total ossicular replacement prosthesis / partial ossicular replacement prosthesis in chronic otitis media
25.	Endoscopic septoplasty verses conventional septoplasty a comparative study conducted over 2 years on in – patients of RGKMC, Kolkata

SL. NO	PAEDIATRICS
1.	Abnormal lipid profile and carotid intima media thickness in childhood nephrotic syndrome
2.	Incidence of congenital hypothyroidism and G6PD deficiency in newborns
3.	Evaluation of clinico – pathological parameters observed in pediatric systemic lupus erythematosus patients attending pediatric rheumatology follow up clinic at a tertiary care hospital
4.	White matter lesions on magnetic resonance imaging of brain in children presenting with developmental delay
5.	Evaluation of interleukin – 6 as a diagnostic marker in children admitted with sepsis
6.	Correlation between free thyroxine and thyroid stimulating hormone levels in cord blood and serum on 4 th – 7 th day of life
7.	Study to assess acute kidney injury in critically ill children admitted to pediatric intensive care unit using pediatric rifle criteria
8.	Study of pulmonary function test in multi – transfused beta thalassemia major children in relation serum ferritin levels
9.	A study on different congenital malformations among live birth newborn babies at MMC &H, Paschim Midnapore
10.	A study on clinico – radiological correlation of pneumonia in paediatric age group patients (2 months – 5 years) in a tertiary medical institute
11.	A clinico – epidemiological study on snake bite among children in a rural medical college & hospital
12.	Role of neuroimaging in a new onset affbrile seizure
13.	A study on clinical profile and outcomes of preterm neonates with and without funisitis
14.	Study on the effects of kangaroo mother care on normal and low birth weight infants
15.	Study of morbidity and mortality profile among low birth weight neonates sick newborn care unit of a rural medical college and hospital
16.	Study of correlation between the immediate outcome of referred sick neonates and peripheral utilization of resources before and during transport
17.	Profile of neonates treated for neonatal sepsis during the period of June 2016 – May 2017 in Dr. B C Roy PGIPS and their neuro development outcome upto 1 year
18.	A clinico epidemiological study and outcome of acute encephalitis syndrome amongst paediatric group in a tertiary teaching care hospital in Kolkata
19.	Study of clinical epidemiology of systemic inflammatory response syndrome in hospitalized pediatric patients on admission
20.	Study of anthropometric parameter in transfusion dependent beta thalassaemic children and its correlation with serum ferritin
21.	Etiological profile clinical spectrum and outcome of constipation in children aged between 1 to 12 years with special reference to functional constipation
22.	A cross sectional study to estimate the prevalence of glucose 6 phosphate dehydrognase deficiency in neonatal jaundice and to assess the severity of jaundice in deficient neonates admitted in NBMC &H
23.	A study on clinico – bacteriological profile and outcome of empyema thoracis in children below 12 years of age
24.	Anterior fontanelle size in neonates a cross sectional study in North Bengal population
25.	A study on the clinico – epidemiological profile and outcome of poisoning in children up to 12 years of age admitted in a tertiary care teaching hospital in North Bengal
26.	A study on etiological evaluation of children aged 2 months – 12 years with status epilepticus
27.	A study of risk factors influencing wheeze in hospitalized children (6M – 5 Years) with special reference to diet and environment
28.	Utility of dipstick tests (leuko cyte esterase nitrite test) & routine urine microscopy in comparison with urine culture for detecting urinary tract infection in one to five years children
29.	Comparative analysis of clinical factors and genetic factors associated between transfusion dependent and transfusion independent E Beta thalassemia patients
30.	A study about serum electrolyte level as a marker of morbidity in critically sick children
31.	Study of spectrum of poisoning in children aged 1Yr – 12 Yrs admitted in pediatric emergency ward of BMC &H
32.	A study of clinico epidemiological profile and short term outcome of neonatal pathological jaundice in a rural tertiary care centre
33.	A comparative study on intranasal versus intravenous lorazepam in management of a cute seizure in children
34.	Simple febrile seizure the role of serum sodium levels in prediction of seizure recurrence during the first 24 hours among children 6 months to 5 years of age
35.	Study of clinical profile immunophenotypes and cytogenetics of childhood acute lymphoblastic leukemia in a tertiary care hospital
36.	Normative value of neutrophil and lymphocyte count in blood in newborn as per gestational age
37.	A randomized clinical study of lactate clearance vs central venous oxygen saturation as goal directed resuscitation for severs sepsis and septic shock in children of 12 month to 12 years of age
38.	A prospective observational study on rapid diagnosis of tuberculosis in HIV positive children by CBNAAT compared with smear microscopy & culture in paediatric age group (2 – 15 years)
39.	Prevalence of compliance to aerosol therapy in childhood bronchial asthma and factors contributing to poor compliance
40.	A prospective observational study on clinical profile etiology mortality morbidity in children admitted with features of encephalopathy in a tertiary care hospital
41.	A study on aetiology and short term outcome of patients having acute kidney injury (AKI) in PICU in a tertiary care hospital in Kolkata

42.	Etiopathological and clinical study of anaemia of children between 1 Year to 12 Years of age
43.	A study on clinico etiological association and neuroimaging in cases of acute encephalitis syndrome in pediatric age group in a tertiary care hospital
44.	Etiological evaluation of seizures in children between 1 month to 12 years of age with special reference to EEG and neuroimaging in a tertiary care hospital
45.	Study to find out the incidence of congenital hypothyroidism in a tertiary care hospital
46.	Health related quality of life in children with hemoglobin – beta thalassemia with special reference to iron overload
47.	Prevalence of overweight / obesity in relation to dietary habits & lifestyle in under 12 years old children
48.	Study of feasibility of BFM2002 protocol and its outcome in childhood acute lymphoblastic leukemia in a tertiary care Govt. hospital
49.	Importance of blood pressure monitoring and control in children with idiopathic steroid responsive nephritic syndrome
50.	A study on association between respiratory tract infection and serum 25 (OH) vitamin D3 level in children of a tertiary care hospital
51.	An Epidemiological and clinico – pathological study of pediatric vasculitis in a tertiary referral centre of Eastern India
52.	Study on risk factors for relapse in childhood nephritic syndrome
53.	A study of clinico – etiological profile and neuroimaging of children with acute seizures admitted in a tertiary care hospital in Eastern India
54.	Anthropometric parameters in children having congenital heart diseases
55.	Microbiological profile of colonization of endotracheal tube in neonates with special reference to the antimicrobial susceptibility pattern of bacterial isolates in a tertiary care hospital
56.	Effect of anemia on acyanotic and cyanotic congenital heart diseases
57.	Clinico – epidemiological profile of status epilepticus in paediatric population (28 days – 12 years) in a tertiary care hospital of Kolkata
58.	Clinical profile etiology and short term outcome of neonatal seizures
59.	Bacteriological profile in neonatal sepsis in intramural and extramural setup
60.	Etiological correlation of serum calcium sodium potassium glucose in children presented with first episode of febrile convulsion
61.	A study on prevalence and etiology of infections in children (12 years of age) with nephritic syndrome admitted in a tertiary care hospital

SL. NO	PATHOLOGY
1.	A clinicopathological study of colorectal carcinoma and correlation of tumor infiltrating lymphocytes with clinical staging of colorectal carcinoma
2.	Clinicopathological study of head and neck squamous cell carcinoma with special reference to significance of immunohistochemical markers EGFR and cyclin D1
3.	Clinicopathological correlation of urothelial carcinoma with tumour grade and her – 2 – neu expression
4.	Comparative study of endometrial changes in uterine leiomyoma and adenomyosis of uterus
5.	Role of CD10 expression in stromal cells of breast carcinoma in relation to pathological stage grade & receptor expression
6.	Histopathological profile of uterine adnexal masses and correlation of serum CA – 125 level with benign and malignant adnexal masses
7.	A clinico – pathological study on cytological screening of bronchoalveolar lavage and subsequent correlation with adenosine deaminase genexpert MTB in suspected sputum negative pulmonary tuberculosis
8.	Study of clinico – hematological profile in cases of pancytopenia
9.	Study of histopathological features and correlation of estrogen and progesterone receptor expression with age histologic grade and lymph node status breast carcinoma cases treated with neoadjuvant chemotherapy
10.	Glucose – 6 – phosphate dehydrogenase level change in beta thalassemia due to oxidative stress and its correlation with body iron status
11.	Cytological and histological correlation of salivary gland tumours among patients presenting in a tertiary care hospital and role of immunostains (calponin p – 63 and Ki – 67) in the diagnosis
12.	Clinicopathological study of mediastinal mass lesion along with special reference to immunostains OCT3/4, LCA, S – 100
13.	Spectrum of pituitary tumor in a tertiary care hospital with special reference to MGMT KI 67 and P53
14.	Immunohistochemical markers for diagnosis and prognostication of prostatic adenocarcinoma: A core needle biopsy based study in a tertiary care hospital of Eastern India
15.	Correlation between FNAC and TRU cut biopsy in paediatric soft tissue neoplasms with special reference to immunohistochemistry
16.	Clinico – pathological evaluation of malignant epithelial ovarian tumours and their correlation with serum amylase and tumour markers CA125 CA19 – 9 along with tissue expression of CK7 CK20 and WT1
17.	Valuation of diagnostic and prognostic role of TIRADS classification Bethesda classification histopathological diagnosis and serological markers in solitary thyroid nodule
18.	Study of cyclin1 as a prognostic marker in invasive breast carcinoma and its correlation with other prognostic and predictive factors
19.	Cytological histological and immunohistochemical study of ascitic fluid with special reference to differential diagnosis
20.	Evaluation of squash cytology of lesions of spinal cord and surrounding tissues and correlation with histopathology with special reference to Ki67 and P53 immunostains
21.	A study of spectrum of haemoglobinopathies diagnosed by HPLC & modulating effects of nutritional deficiency anaemias on HPLC pattern
22.	A comparative study between P63 and 34βE12 as basal cell marker to establish the diagnosis of adenocarcinoma of prostate and differentiate it from cancer mimickers
23.	Expression of EGFR and HER2 in oral dysplastic epithelium and squamous cell carcinoma
24.	Evaluation of estrogen receptor progesterone receptor and HER-2 Immunostaining on fine needle aspirates in carcinoma breast
25.	Study of beta – catenin expression in renal cell carcinoma and correlation with its stage and grade
26.	Study of beta – catenin expression in colorectal neoplasms and its correlation with the histological grade and stage of stage of colorectal adenocarcinoma
27.	Study of the progesterone receptor status and its correlation with Ki67 labelling index meningioma
28.	A study of association of H. Pylori infection in different clinicopathological pattern of gastric adenocarcinomas detected by various methodologies with special preference for immunohistochemical marker of NCL – HPP antibody
29.	A clinicopathological study of ovarian neoplasms with special reference to expression of ER PR HER 2 Neu and WT 1 in different malignant lesions
30.	Corroboration of fine needle aspiration cytology (FNAC) findings with those of cell block study and core needle biopsy (CNB) of breast lumps with special emphasis on ER, PR and HER-2-NEU expression in malignant cases
31.	Clinicopathological study of uterine mesenchymal tumors with emphasis on the role of IHC in diagnosis
32.	Analysis of expression of beta – catenin CD44 EGFR Ki67 in pre – therapeutic and neo – adjuvant chemotherapy treated patient of breast carcinoma
33.	Histomorphological spectrum and clinical evaluation of ovarian neoplasms with immunohistochemical analysis of poorly differentiated malignancies
34.	Histopathological changes in placenta in pregnancy induced hypertensive patients a tertiary care hospital study
35.	Pathological changes of placenta and umbilical cord in gestational diabetic and diabetic mothers and correlation with fetal outcome
36.	Cytologic and histologic correlation of thyroid swelling with special emphasis on papillary carcinoma of thyroid and immunohistochemistry CK – 19 and TTF – 1
37.	Clinicopathological study of pancytopenia in young adults
38.	Role of intraoperative pathology consultation in diagnosing skeletal tumours and tumour – like lesions
39.	Detection of abnormal haemoglobin by HPLC method in antenatal mother to detect clinical and subclinical haemoglobinopathies

40.	Evaluation of different non neoplastic lesions of thyroid with special emphasis on the significance of eosinophils in their differential diagnosis on fine needle aspiration cytology
41.	A study determining the significance of micronucleus in cervical intraepithelial lesions and carcinoma with special reference to social risk factor for cervical cancer
42.	Value of histopathologic examination of uterine products after 1 st trimester miscarriage with special reference of prevalence of hydatidiform mole and associated risk factors in BMC&H, Burdwan
43.	Clinical and cytopathological evaluation of breast mass emphasis on cell block study
44.	Assessment of serum ferritin and TSH level with haemoglobin estimation in thalassemia major patients undergoing iron chelation therapy
45.	Prevalence of hepatitis – B and C infection and hematological changes in patients with chronic renal failure undergoing haemodialysis (Pre and Post)
46.	Ultrasonographic guided fine needle aspiration cytology in the diagnosis of hepatobiliary lesions with clinicopathological correlation
47.	Ultrasonography guided fine needle aspiration cytology in the diagnosis of different intra – abdominal and pelvic masses with clinical and histopathological correlation
48.	Haematological profiles among diagnosed tuberculosis patients in a teaching hospital
49.	Comparative study of core needle biopsy and histopathology in diagnosis of breast cancer and study of estrogen progesterone receptors and HER2 / Neu expression in histopathologically diagnosed cases of breast cancer
50.	HER2NEU expression on gastric and colonic adenocarcinoma – prognostic marker for targeted therapy in a tertiary care hospital, BSMC &H
51.	Study of incidence of various globin chain disorders among pregnant women attending antenatal clinic of BSMC with special emphasis on assessment of serum iron for justification of universal iron therapy
52.	A cytopathological study of soft tissue tumors and their histopathological correlation
53.	Clinicopathological correlation of hyperpigmented skin lesions with special emphasis on alkaline congored stain for amyloid detection in North Bengal population
54.	Study of morphologic prognostic parameters in breast carcinoma with special reference to correlation with hormonal receptors and Her2 / Neu receptor status in a tertiary care center of northern region of West Bengal
55.	A study on brush cytology using PAP and AgNOR staining of pre – malignant and malignant oral lesions with histopathological correlation at a tertiary care hospital of NB
56.	Clinico – pathological correlation of reaction patterns in leprosy with special reference to demonstration of mycobacterium leprae in tissue sections by modified fite's stain in NBMC
57.	A study on changes in platelet indices and platelet count in patients with acute ischaemic stroke: A case – control study
58.	A study of haematological profile of medical and paramedical students in NBMC &H with special reference to anaemia and haemoglobinopathies

SL. NO	PHARMACOLOGY
1.	An observational study on the effectiveness,safety,quality of life, adherence and prescribing trends of anti glaucoma medication usage in treatment naïve patients of primary open angle glaucoma in a tertiary care hospital
2.	Comparative study of efficacy and safety of combination therapy with topical timolol maleate(0.5%)versus topical timolol maleate(0.5%) and latanoprost (0.005%) versus topical timolol maleate (0.5%) and dorzolamide (2.0%) in patients of primary open angle glaucoma in a tertiary care centre in eastern india.
3.	Patients knowledge and belief in efficacy, similarity cost and safety of the Generic medicine in a tertiary care centre in Eastern India
4.	Comparative study of efficacy and safety of nepafenac and ketorolac eye drops in inhibiting surgically induced miosis during cataract surgery
5.	A comparative study on efficacy and safety among vildagliptin and pioglitazone as add-on drug in patients with type 2 diatetes mellitus inadequately controlled with metformin and glimepiride combination therapy
6.	An outcome based exploration of pharmacotherapeutics in selected patients suffering from chronic mechanical (non-specific)Low Back pain in a tertiary care hospital
7.	An observational study comparing efficacy and safety of methotrexate plus leflunomide versus methotrexate plus hydroxychloroquine plus sulphasalazine
8.	A study to evaluate management of diabetic neuropathy in a selected population of patients in tertiary care hospital in Kolkata
9.	A prospective pharmacoepidemiological study of antimicrobial prophylaxis in lower uterine segment casarean section an urban medical college hospital
10.	A comparative study of clinical efficacy and safety of tulobuterol transdermal patch versus inhaled tiotropium in management of stable COPD patients in a tertiary care hospital of West Bengal
11.	A comparative study to evaluate the efficacy and safety of oral Ivermectin and topical Permethrin versus only topical Permethrin in the treatment of scabies in a tertiary care hospital
12.	Drug use survey to identify potential drug-drug interactions and asses their clinical significance in out-patient setting of a tertiary care hospital
13.	A prospective observational study of prescribing pattern of cardiovascular drugs in post-renal transplant patients of a tertiary care hospital
14.	Efficacy and safety of methotrexate alone and as add on to topical calcipotriol in plaque psoriasis
15.	Impact of anticholinergics on insulin response to oral glucose load in patients with impaired glucose tolerance
16.	Randomized controlled trial of topical sertaconazole and eberconazole in comparison to topical miconazole in localized dermatophyte infection
17.	Evaluation of treatment seeking behavior in patients with post-kala-azar dermal leishmaniasis(PKDL)

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2015 – 2018

SL. NO	P.M.R.
1.	A comparative study between fluoroscopy guided intra-articular facet joint injection and medial branch block in chronic low back pain
2.	Comparative of motor point block with 5% aqueous solution of phenol versus botulinum toxin type A in the management of hamstring spasticity: A randomised controlled trial
3.	Role of suprascapular nerve block versus ultrasonic therapy in patients with partial thickness rotator cuff tear of shoulder joint: A comparative study
4.	A comparative study between teriparatide and zoledronic acid therapy in treatment of osteoporosis

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2015 – 2018

SL. NO	IMMUNO - HAEMATOLOGY
1.	Serial Evaluation of red cell changes on storage in different blood preservatives – A study from a tertiary care medical college and hospital in Kolkata
2.	Prevalence of transfusion transmitted infections in blood donors and their relevant associated factors – An observation from a tertiary care center in Eastern India

SL. NO	PHYSIOLOGY
1.	Study of nerve conduction velocity in middle aged females having microcytic hypochromic anaemia from rural areas of Bankura Dist. of WB
2.	Effect of yoga on patients with chronic obstructive pulmonary disease as evaluated by six minute walk test and spirometry
3.	A study of metabolic syndrome among health professionals and its relation with quality of life
4.	Cardio – respiratory response of young adult Indian male subjects to stress: Effects of yoga
5.	A study of hyperprolactinemia and related galactorrhoea in newly diagnosed hypothyroid females
6.	Effects of a swimming training session on pulmonary functions and quality of life in young adult beginners
7.	A study on pulmonary function tests in type 2 diabetes mellitus patients of sub – Himalayan plain area of Darjeeling dist.
8.	A study on association of hyperuricemia among patients of metabolic syndrome attending outpatient Dept. of NBMC &H
9.	A study of peripheral neuropathy in cases of type – II diabetes mellitus patients with or without hypothyroidism
10.	To study the segmental distribution of body fat of medical students and its correlation with lipid profile
11.	A comparative study of the conduction velocity of motor and sensory fibers of ulnar and median nerves among leprosy patients and normal subjects
12.	Objective characterization of autonomic profile using time series data of cardiac signal in normal volunteers
13.	Evaluation of visual electrophysiological test parameters in glaucoma
14.	Relation of serum electrolytes with electrocardiogram in type II diabetes mellitus and thyroid disorders
15.	Comparative studies on hemoglobin estimation in new – born babies as well as in different age groups by pulse co – oximetry and auto – analyser methods
16.	A study of post exercise recovery time in normotensive and hypertensive adult males with special reference to overweight
17.	Changes in brainstem auditory evoked potential in birth asphyxia
18.	Study of different spirometric parameters in patients of neurotic disorder with dyspnoea
19.	Assessment of nerve conduction studies parameters in chronic low back pain patients treated conservatively in a tertiary care hospital
20.	Correlation between body mass index and rate pressure product among first year MBBS students of RGKMC &H
21.	Correlation of serum prolactin levels with semen parameters among male subjects seeking treatment for sub fertility in a tertiary care hospital, Kolkata
22.	Neurophysiological evaluation of changes in central and peripheral nervous system in cases of type2 diabetes mellitus
23.	Effect of single bout of aerobic exercise on heart rate variability of healthy young adult offsprings of hypertensive parents
24.	Effect of intraday repetition of training session on learning curve of rats
25.	A study to assess incidence of non alcoholic fatty liver disease (NAFLD) in non obese subjects and to find out the causative factors responsible for the disease
26.	Pulmonary function in hypothyroidism and its relation with thyroid hormone replacement
27.	Study of association of obesity and fatty liver in patients with gallstone disease
28.	Role of serum uric acid and its association with other risk factors in patients with coronary artery disease

SL. NO	PSYCHIATRY
1.	A study on anxiety suicidal ideation and quality of life among the cases of obsessive compulsive disorder attending psychiatry OPD of a tertiary care hospital
2.	Prevalence of anxiety and depression among the family caregivers of acute leukaemia patient and their relationship with cytokine, ILG
3.	A study to determine psychiatric co – morbidity among alcohol dependent patients
4.	Opioid use disorder: Its correlation with depression anxiety and psycho – socio – demographic profile in patients attending tertiary care hospital of North Bengal
5.	Assessment of patient satisfaction illness behavior and reassurance seeking in patients of somatoform disorder
6.	Stress burnout resilience among post graduate trainee doctors and prevalence of psychiatric disorders among them
7.	A study to assess dissociative experience perceived stress and life events in patients of anxiety disorder
8.	Prevalence and predictors of poor medication adherence among patients with bipolar disorder and its impact on the quality of life
9.	To study the role of various psychosocial factors in adherence to psychotropic medication in patients of depressive illness
10.	Assessment of perceived stress among medical post graduates and its relation with coping pattern burn out and general psychopathology a cross sectional study
11.	A study on alcohol dependence and its determinants among male patients attending a tertiary care hospital, Kolkata
12.	Clinical and psychological correlates of quality life in infertile couples
13.	Differential diagnosis of children presenting with repetitive behavior and its association with socio demographic variables and neuropsychological correlates
14.	A comparative study of deliberate self harm among adolescent and adults and their personality and psychopathological correlates
15.	Neurocognitive dysfunction in drug native first episode psychosis : Correlates with psychopathology premorbid adjustment and duration of untreated psychosis
16.	A comparative study of the polysomnographic finding in the different subtypes of schizophrenia and their correlates with the various domains and severity of schizophrenia in a tertiary care hospital in Eastern India
17.	A comparative study of stigma quality of life and family burden in patient of schizophrenia and obsessive compulsive disorder

RADIOTHERAPY: Session 2015 – 2018

SL. NO	
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

RESPIRATORY MEDICINE (2015 – 2018)

SL. NO	
1.	A study on outcome and adherence of home nebulisation in severe and very severe COPD patients
2.	A study of indications and outcome of patients requiring non invasive positive pressure ventilation in respiratory care unit and pulmonary medicine indoor in a tertiary care hospital in Kolkata
3.	A study on incidence and outcome of hypokalemia among patients admitted in respiratory care unit in a tertiary care hospital
4.	Evaluation of the abilities of four sleep questionnaires – 4 – variable screening tool stop – bang modified Berlin and Epworth sleepiness scale in identifying subjects at risk for obstructive sleep apnea in Eastern Indian population
5.	A study of outcome of management of multi – drug resistant tuberculosis cases under PMDT in a drug resistant tuberculosis centre of a tertiary care hospital
6.	A study on spirometric analysis of patients with post pulmonary tuberculosis sequelae and factors associated with poor spirometric outcome
7.	A study on adverse drug reactions profile of 2 nd line drug in multi drug resistant (MDR) and extensively drug resistant (XDR) tuberculosis cases registered in DR – TB centre of a tertiary care hospital
8.	A study on risk factors of lung cancer and its relation with pathological types and staging – A retrospective study in a tertiary care hospital
9.	A study on clinical and arterial blood gas parameters before and after tube thoracostomy among cases of primary and secondary spontaneous pneumothorax
10.	A study on factors associated with hospitalization among tuberculosis patients and their outcome – A cross sectional study in department of pulmonary medicine in a tertiary care centre
11.	A study on lung cancer patients with special emphasis on their clinical manifestations radiological presentation and role of invasive diagnostic procedures in a tertiary care hospital of Kolkata
12.	A comparative study on povidone iodine pleurodesis versus bleomycin pleurodesis in malignant pleural effusion
13.	Prevalence and clinical profile of pulmonary arterial hypertension in cases of post - tubercular fibrosis
14.	A study on outcome and adherence of home nebulisation in severe and very severe COPD patients
15.	A study of indications and outcome of patients requiring non invasive positive pressure ventilation in respiratory care unit and pulmonary medicine indoor in a tertiary care hospital in Kolkata
16.	A study on incidence and outcome of hypokalemia among patients admitted in respiratory care unit in a tertiary care hospital
17.	Evaluation of the abilities of four sleep questionnaires – 4 – variable screening tool stop – bang modified Berlin and Epworth sleepiness scale in identifying subjects at risk for obstructive sleep apnea in Eastern Indian population

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

GENERAL SURGERY

SL. NO	
1.	A prospective study of laparoscopic appendicectomy For acute appendicitis and its early complications
2.	Comparative study between outcome of open and laparoscopic repair of ventral hernia
3.	Open versus laparoscopic appendicectomy 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 itssue 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 preiampullary 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 st and 2 nd 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 repairby 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 asses 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 referen ce 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 casefatality 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 patients 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 clinically 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 its 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