

MD – MS : SYNOPSIS "TITLE" FOR THE SESSION 2016 – 2019

SL. NO	<i>ANATOMY</i>
1.	A study of the variations of the coronoid process in the adult human mandible
2.	Anthropometric study of the bicipital groove in Kolkata based population and its clinical implication
3.	Dermatoglyphic study of beta thalassemia in a tertiary care hospital – a case control study
4.	Relationship between craniofacial anthropometry and crown heel length in neonates
5.	Association of sex chromosomal and autosomal factors in the male subjects of infertile couples – an eastern Indian study
6.	A comparative study on differences in gross morphology and histology of placenta, birth height and weight of baby between normal pregnancy and pregnancy induced hypertensive mother

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SL. NO	<i>ANEASTHESIOLOGY</i>
1.	Efficacy of diclofenac transdermal patch and diclofenac rectal suppository for post operative pain management following open cholecystectomy: A single blind prospective comparative study
2.	Comparison of labetalol Vs dexmedetomidine for attenuation of hemodynamic stress response to larynoscopy and endotracheal intubation
3.	A clinical comparison of efficacy of dexmedetomidine and dexamethasone as adjuvant to ropivacaine in prolongation of ultra sound guided supraclavicular brachial plexus block
4.	Haemodynamic changes and recovery response after intravenous dexmedetomidine during tracheal extubation after general anaesthesia
5.	Comparison of single dose of oral pregabalin versus placebo as preemptive analgesic in patients undergoing lower limb orthopaedic surgeries under spinal anaesthesia
6.	A comparative study of hemodynamic effects of thiopentone and etomidate as induction agents in general anaesthesia
7.	A comparative study regarding the haemodynamic stress response and efficacy of endotracheal intubation and l – gel insertion during infraumbilical surgery
8.	Comparison between airway nerve blocks nebulisation and atomization with lignocaine in topical airway anaesthesia for awake fiberoptic intubation
9.	A comparative study between bupivacaine and bupivacaine with magnesium sulphate in spinal anaesthesia for lower abdominal surgeries
10.	Comparative evaluation of efficacy and duration of analgesia of dexmedetomidine and fentanyl as adjuvant to bupivacaine in supraclavicular brachial plexus block in upper limb orthopaedic surgery
11.	Comparative evaluation of intrathecal nalbuphine and clonidine as adjuvant with hyperbaric bupivacaine for central neuraxial block in lower abdominal surgeries
12.	Comparative study of haemodynamic changes between 6% hydroxyethylstarch 130/0.4 and ringer lactate coloadng in elderly patients undergoing lower limb orthopaedic surgery under spinal anaesthesia
13.	Comparison of hemodynamic responses and vasopressor requirements following spinal anesthesia between normotensive and severe preeclamptic women undergoing caesarean section: A prospective study
14.	The effect of magnesium sulphate therapy on intraoperative haemodynamics in preeclampsia and eclampsia patients under spinal anaesthesia during caesarean section: An observational study
15.	Comparison of prophylactic intravenous administration of two different doses of ondansetron to attenuate hemodynamic derangement after spinal anesthesia in elective caesarean section – A prospective, placebo – controlled, randomised double blind study
16.	Comparison of effects of different doses of dexmedetomidine as an adjuvant with 0.5% hyperbaric bupivacaine in subarachnoid block for infraumbilical surgeries
17.	Comparison of intrathecal fentanyl and butorphanol as an adjuvant to intrathecal bupivacaine .5% in infra umbilical surgeries – A prospective randomized double blind study
18.	A comparative study of ultrasound guided bilateral rectus sheath block versus local port site infiltration for postoperative analgesia in patients undergoing laparoscopic cholecystectomy
19.	Comparative study of nerve stimulator versus ultrasound guided supraclavicular brachial plexus block: A randomized clinical trial
20.	Comparative study between tramadol and nalbuphine for post spinal shivering in patients undergoing caesarean section
21.	A comparative study between intrathecal butorphanol and fentanyl as an adjuvant to hyperbaric bupivacaine in spinal anaesthesia for lower limb orthopaedic surgeries
22.	Prospective analysis of the code blue system in a tertiary care hospital
23.	A comparative study of intrathecal dexmedetomidine with 0.5% hyperbaric bupivacaine and intrathecal fentanyl with 0.5% hyperbaric bupivacaine in infra umbilical surgeries
24.	Comparison of analgesic effectiveness of 0.25% & 0.125% bupivacaine in post operative USG guided unilateral transverses abdominis plane block in patients undergoing mesh hernioplasty
25.	Efficacy of intraperitoneal instillation of 0.2% ropivacaine for post operative pain relief after laparoscopic cholecystectomy
26.	The relationship between body mass index with incidence of post dural puncture headache in parturients undergoing spinal anaesthesia for lower uterine caesarean section

27.	Comparative study on efficacy of dexmedetomidine and tramadol for treatment of post spinal anaesthesia shivering a randomized control trial
28.	Intranasal midazolam versus intranasal ketamine as premedication in paediatric patients: A comparative study
29.	Comparative study between lidocaine and dexamethasone to reduce propofol induced vascular pain during laparoscopic surgeries
30.	Comparison of oral premedication between midazolam and clonidine for general anaesthesia in elective open abdominal surgery
31.	Unilateral versus bilateral spinal anaesthesia in geriatric patients undergoing hemiarthroplasty – A comparative study
32.	A comparative study between ringer's lactate and gelofusine as preloading infusion in spinal anaesthesia for prevention of hypotension
33.	Success of intubation with king vision ® video laryngoscope and McCoy laryngoscope in patients with simulated restricted neck mobility: A randomized controlled trial
34.	Evaluation of the optimum dose of clonidine for haemodynamic stability in upper abdominal surgery: A comparative study of three different doses
35.	A comparative study of dexamethasone, ondansetron and ondansetron plus dexamethasone as prophylactic for post – operative nausea and vomiting in patients undergoing otolaryngological surgeries
36.	A comparative study between nitroglycerine lingual spray and lignocaine lingual spray for attenuation of haemodynamic response to laryngoscopy and endotracheal intubation during elective surgical procedures
37.	A comparative study between dexmedetomidine and fentanyl as adjuvant with bupivacaine in epidural anaesthesia in a patient undergoing total HIP replacement
38.	Impact of preoperative pregabalin on acute postoperative pain in abdominal hysterectomy
39.	A comparative study of nalbuphine and fentanyl with bupivacaine in spinal anaesthesia for lower abdomen and lower limb elective surgeries
40.	Evaluation of analgesic efficacy of dexmedetomidine as an adjuvant co – administered with 0.75% ropivacaine by supraclavicular brachial plexus block for upper limb surgery
41.	Comparative study between oral midazolam alprazolam and diazepam in management of perioperative anxiety sedation and anterograde amnesia
42.	Effect of dexmedetomidine on capillary blood glucose and sevoflurane requirement during laparoscopy in diabetic patients
43.	Comparison between intravenous ramosetron versus intravenous ondansetron and dexamethasone for prevention of post operative nausea and vomiting in patients undergoing mastoid surgeries under general anaesthesia: An observational study
44.	Comparison between propofol and isoflurane on control of blood glucose in diabetic patient during laparotomy under general anaesthesia
45.	A randomised trial of low dose combined spinal epidural versus single shot spinal anaesthesia in elective caesarean section – Effects on maternal hypotension and foetal outcome
46.	Bispectral index (BIS) guided comparison between clinical effects of etomidate and fentanyl for conscious sedation in ERCP procedure
47.	A comparative study of clinical effects and opioid consumption in spinal anaesthesia versus general anaesthesia in total HIP replacement surgery
48.	Comparison of clinical effects of fluoroscopy guided versus ultrasound guided caudal epidural steroid injection for discogenic low back pain with radiculopathy
49.	Relationship of endotracheal tube cuff pressures with changes in body positions of critically ill patients on mechanical ventilation
50.	The comparative study of safety and efficacy of unilateral paravertebral block and spinal anaesthesia in patients undergoing infraumbilical surgery
51.	Clinical airway assessment tests in obese patients and their relation with Cormack lehane grading
52.	Comparison between dexmedetomidine and fentanyl as adjuvant to bupivacaine in supraclavicular approach to brachial plexus block – A prospective randomised double blinded study
53.	Hemodynamic response to etomidate versus propofol for induction of anaesthesia in coronary revascularization surgery in patients with low ejection fraction: A prospective, randomized, double – blind study
54.	Comparison between clonidine and epinephrine as adjuvant to bupivacaine in respect to onset and post operative duration of anaesthesia in supraclavicular approach brachial plexus block in upper limb surgery
55.	Efficacy of phenylephrine and ephedrine bolus in management of predelivery hypotension in patients undergoing caesarean section under spinal anaesthesia: A randomised controlled trial
56.	Comparison between single dose thoracic epidural versus multiple site paravertebral block with adjunct to general anaesthesia for elective breast surgeries: A randomized control trial

57.	A single blind randomized comparative study of the effects of clonidine and dexamethasone as an adjuvant to bupivacaine in supraclavicular approach of brachial plexus block
58.	A study comparing oral melatonin and oral clonidine as premedication for attenuating haemodynamic response to laryngoscopy and endotracheal intubation under general anaesthesia in elective gastrointestinal surgeries
59.	A comparative study between intravenous dexmedetomidine and labetalol for attenuation of haemodynamic response to laryngoscopy and tracheal intubation
60.	Study of the beneficial effect of dexamethasone with levobupivacaine in supraclavicular brachial plexus block in forearm and hand surgery
61.	Awake intubation using ambuscope in patients with anticipated difficult airway – A comparison between airway nerve block technique and airway atomization
62.	Effect of dexmedetomidine as an adjuvant to ropivacaine in ultrasound guided brachial plexus block via supraclavicular approach – A randomised placebo – controlled double – blinded trial
63.	Comparative study between intranasal & intravenous dexmedetomidine as a premedication to attenuate hemodynamic response to laryngoscopy and endotracheal intubation in elective lumbar spine surgery
64.	Comparison of regional cerebral oxygen saturation variations between sevoflurane and propofol anaesthesia in gynecological laparoscopic surgery
65.	Comparison of 0.5% bupivacaine with fentanyl versus 0.75% ropivacaine with fentanyl in saddle block anaesthesia for transurethral resection of prostate
66.	A parallel prospective open label comparative study between the characteristics of unilateral spinal and paravertebral neuraxial blockade in patients undergoing inguinal herniorrhaphy
67.	Comparison of continuous transverse abdominis plane block and continuous epidural analgesia for postoperative pain relief in patients following lower abdominal surgery
68.	Comparative evaluation of two techniques in supraclavicular brachial plexus block: Nerve stimulator assisted versus ultrasonography guided
69.	The comparative effects of desflurane and isoflurane on intraoperative cerebral haemodynamics cardiovascular changes and postoperative recovery in patients undergoing craniotomy for supratentorial tumours
70.	Efficacy of ondansetron on haemodynamic response in patients undergoing OPCABG
71.	The effect of epidural volume extension on spinal block with 0.5% heavy bupivacaine in total abdominal hysterectomy – A randomised controlled study
72.	Prediction of pediatric endotracheal tube size by ultrasonography and by age based formulae: A comparative clinical prospective study
73.	Comparative study on the effects of dexmedetomidine versus fentanyl on airway reflexes and hemodynamic responses to tracheal extubation during abdominal surgery: A double blind randomised trial

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SL. NO	<i>BIOCHEMISTRY</i>
1.	A study on the comparison of Biochemical parameters before and after hemodialysis of the patients of chronic kidney disease admitted in Bankura Sammilani Medical College & Hospital
2.	A study of serum FSH LH prolactin and testosterone in uncomplicated type2 diabetic male patients attending the OPD of NBMC &H
3.	A cross sectional study on serum micronutrient status in oral gastric and colon carcinoma patients
4.	A comparative study of hepatic and renal parameters calcium and magnesium level between normotensive pregnant women and patients with preeclampsia and eclampsia attending NBMC&H
5.	A study to compare and correlate insulin resistance lipid profile and HS – CRP in newly diagnosed patients of subclinical hypothyroidism and overt hypothyroidism attending NBMC &H
6.	Study of random urinary calcium – creatinine ratio and ACR as screening test for the prediction of pre – eclamsia
7.	Study of salivary amylase activity in type2 diabetes mellitus – correlation with glycaemic control and duration of the disease
8.	Study of urinary microalbumin and creatinine ratio (ACR) and serum creatinine in essential hypertensive patients
9.	A study to find out the association of serum concentrations of uric acid and lipid profile in stroke patients with diabetes mellitus
10.	Influence of iron deficiency anemia on hemoglobin A1C levels in diabetic individuals with controlled plasma glucose levels
11.	Study of serum adiponectin leptin & chemerin levels in patients with type – 2 diabetes mellitus and obesity
12.	Study of interrelationship between insulin resistance and sensorineural hearing loss
13.	A comparative study about endocrinal and metabolic profile between obese and non obese poly cystic ovarian syndrome patients
14.	Study on prevalence of hypothyroidism and thyroid autoimmunity along with their effects on pregnancy outcome
15.	Determination of trimester specific reference interval for oestrogen progesterone and beta HCG in Bengali population
16.	Study of effect of hydroquinone on human erythrocyte ghost sodium potassium atpase
17.	Serum ferritin in acute and chronic hepatitis both viral and non viral in origin with special reference to their serum ascorbate level
18.	Estimation of serum ferritin level in chronic kidney disease patient with special reference to malondialdehyde
19.	Study of erythrocytic membrane anionic charge sialic acid content and their correlations with urinary glycosaminoglycans (GAGS) in pre – eclampsia and eclampsia
20.	Dysregulation of iron metabolism in type2 diabetes mellitus
21.	Prevalence of metabolic abnormalities with special reference to lipid profiles among art- native HIV positive patients
22.	A study on adenosine deaminase & c- reactive protein levels in cerebro – spinal fluid of meningitis patients of different types
23.	Evaluation of oxidative stress markers and lipid profile in patients with cerebrovascular diseases with or without type II diabetes mellitus in a tertiary care hospital in Eastern India
24.	Study on serum levels of nitric oxide and hydrogen sulphide in preeclampsia
25.	Study on iron status in pregnancy with diabetes
26.	The study on the relationship of small dense LDL cholesterol and serum levels of Vitamin D in patients with essential hypertension
27.	Association of neonatal hyperbilirubinemia with glucose – 6 – phosphate dehydrogenase enzyme activity with reference to ABO –Rh status
28.	Evaluation of oxidative stress markers in over – weight and obese young adults
29.	Evaluation of iron and oxidative stress status in psoriasis
30.	Study of plasma free fatty acid and H2S along with conventional biochemical parameters in active coronary syndrome with and without diabetes mellitus

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SL. NO	<i>COMMUNITY MEDICINE</i>
1.	Domestic conflict among slum dwellers of Bankura town: A qualitative study
2.	Magnitude of acute respiratory infection (ARI) and its correlates among the under – five slum children in Bankura town: A community based follow – up study
3.	Prevalence of disability and its relationship with quality of life among geriatric population of an urban area of South 24 Pgs Dist, West Bengal, India
4.	A study on quality assurance in labor rooms at different levels of public health facilities in Darjeeling District, West Bengal
5.	A study on psychological morbidity among postmenopausal women of a rural community of West Bengal
6.	An epidemiological study on selected risk factors of non – communicable diseases among school going adolescents in an urban and a rural area of WB
7.	A study on morbidity pattern and care seeking behaviour of female domestic workers residing in an area of Kolkata
8.	Relationship between psychological distress and adherence to antiretroviral therapy among adolescents living with HIV attending art clinic in a tertiary care hospital, West Bengal
9.	A study on depressive disorders and its socio – demographic correlates among the patients attending general OPD in a rural hospital of bhatar block in Bardhaman Dist. of West Bengal
10.	A study on prevalence risk factors and care of acute respiratory infections among under five children in a community development block of Burdwan District, West Bengal
11.	Prevalence of risk factors for non communicable diseases among adults in a rural area of Burdwan District, West Bengal: A cross sectional study
12.	Evaluation of Rashtriya Swasthya Bima Yojana in rural areas of Burdwan health District, West Bengal
13.	An epidemiological study on health status and health care needs of stone crusher workers in Mohammad Bazar block, Birbhum District, West Bengal
14.	Study on quality of life of people living with HIV/AIDS on antiretroviral therapy in an art centre of an apex Medical Institution of West Bengal
15.	A study on risk factors of non – communicable diseases among adults in a rural area of West Bengal
16.	Health status of adolescent girls aged 14 – 19 years and their body image perception: A cross – sectional study in an urban area of West Bengal
17.	A study on functioning of integrated child development services centres regarding services provided to under – 6 children in a block of North 24 Parganas District, WB
18.	An epidemiological study on unintended pregnancy and abortion among currently married women of reproductive age in a rural area of West Bengal
19.	Evaluation of mid day meal programme with emphasis on food safety measures in upper primary schools of Kolkata
20.	A study on fatty liver disease and its associations in an adult population in a municipal town of North 24 Pgs, West Bengal
21.	A cross – sectional study on determinants of low birth weight among babies delivered in a tertiary care health facility in Kolkata
22.	An epidemiological study on bone health status among women aged 40 years and above in a rural area of Singur, West Bengal
23.	An epidemiological study on thyroid dysfunction and its determinants among adult women in a rural area of West Bengal
24.	A community based study on unhealthy cervix and its risk factors among currently married females in a slum of Kolkata
25.	An epidemiological study on metabolic syndrome and its risk factors among adults aged between 18 to 49 years in a ward of Kolkata

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SL. NO	<i>DERMATOLOGY</i>
1.	A clinico epidemiological study of noninfective dermatoses in elderly patients attending a rural based tertiary care centre
2.	Tinea corporis its species identification and their sensitivity pattern to various systemic antifungals in patients attending dermatology OPD in a rural based tertiary care centre
3.	A clinico – epidemiological study of mucocutaneous candidiasis and its systemic association in patients visiting the dermatology venereology and leprology OPD in a tertiary care hospital in WB
4.	A clinico – epidemiological study of dermatoses affecting the genitalia in patients of 15 – 60 years age – group attending skin OPD in a tertiary care centre
5.	Dermatoscopic evaluation of melasma in a tertiary care referral centre in Eastern India
6.	Genetic association of CDSN gene and it's expression in psoriasis patients – A case control study in a tertiary care centre in Eastern India
7.	Role of dermoscopy in evaluation of alopecia areata: A study in a tertiary care referral centre in the Eastern India
8.	Evaluation of biofilm colonization by propionibacterium acnes in patients with acne vulgaris
9.	Double blind randomised control trial to compare the efficacy of 50% glycolic acid with 65% trichloro acetic acid in the treatment of atrophic acne scar by cross technique
10.	A cross sectional study of atopic dermatitis in a tertiary care hospital in Eastern India with special reference to scored
11.	Clinicoepidemiological and drematoscopic study of alopecia areata in a tertiary care hospital
12.	A clinico – epidemiological profile of psoriasis with special emphasis: On elderly population: A cross sectional observational study from Eastern India
13.	A clinico – epidemiological study of molluscum contagiosum
14.	Association of female acne with polycystic ovary syndrome: A cross sectional observational study
15.	A clinico – epidemiological study of achrochordons and their association with metabolic syndrome
16.	Childhood eczema: A clinico – demographic study
17.	Randomised double blind clinical trial to assess the effectiveness of topical minoxidil (5%) + topical finasteride (0.1%) fixed – dose combination versus topical minoxidil (5%) + oral finasteride (1mg / day) in grade II – IV androgenetic alopecia: A pilot study
18.	Cutaneous manifestations of hypothyroidism a clinical study in a tertiary care centre of Eastern India
19.	A clinical study of ichthyosiform dermatoses in a tertiary care centre of Eastern India
20.	Antifungal responsiveness pattern among patients of dermatophytosis in Eastern India

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SL. NO	<i>FORENSIC MEDICINE</i>
1.	A medico – legal study of persons accused of sexual assault examined under protection of children from sexual offences (POCSO) act 2012 in the district of Burdwan, WB, India
2.	Study of human sternum as determinant of sex and age among cases coming for post mortem examination at Kolkata police morgue
3.	Measurement of various hand dimensions its sexual dimorphism and estimation of stature among the living and dead population of WB
4.	An autopsy based study on extent of body surface area involved in burn injury and its demographic and mortality profile
5.	An autopsy based study of internal organ weights in relation to age and sex among cases coming for postmortem examination at Kolkata police morgue
6.	Determination of time since death from morphological & biochemical changes of blood in autopsy cases
7.	An autopsy study on pattern of coup – contrecoup injury in cases of blunt trauma head
8.	Autopsy study on human brain – liver weight ratio in Bengalee population
9.	A study on epidemiology of juvenile delinquency and its remedial measures in the state of West Bengal
10.	Study to ascertain role of external ear in determining and stature of Bengalee population
11.	Histopathological changes in the coronary arteries in the young population in cases of death due to non – cardiac cause
12.	Prospective autopsy audit in a teaching hospital at Kolkata
13.	Evaluation of surrogate predictors of mortality due to snake envenomation and renal histopathological correlation

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SL. NO	<i>OBST. & GYNAE.</i>
1.	Comparative study of efficacy and safety between intravaginal and intracervical pge2 gel application for induction of labour at term with cephalic presentation
2.	An observational and analytical study to assess the relation between clinical fetal distress and umbilical cord blood gas analysis of fetuses born through caesarean section done for fetal distress
3.	A study to evaluate the prevalence of subclinical hypothyroidism in pregnancy and foeto – maternal outcome in such cases amongst pregnant women attending North Bengal Medical College & Hospital
4.	A comparative study of intravenous labetalol and oral nifedipine for control of blood pressure in severe preeclampsia
5.	A prospective observational study on fetomaternal outcome of term breech delivery
6.	A comparative study on efficacy of iron sucrose injection with oral iron in the treatment of postpartum anaemia in a tertiary care hospital
7.	Effectiveness of symphysio – fundal height and sonologically estimated foetal weight in predicting intrauterine growth restriction leading to delivery of low birth weight baby in term pregnancy
8.	Usefulness of intrauterine foley catheter tamponade in the management of primary atoni post partum haemorrhage in a rural based tertiary care institution a Bankura
9.	A prospective observational study on fetomaternal outcome of twin pregnancy in tertiary care hospital in West Bengal
10.	Comparative study of adolescent pregnancy in tribal and nontribal women in jungle mahal area of WB
11.	A comparative study in efficacy between intramuscular varboprost (125µg) vs. intramuscular oxytocin (10units) for active management of third stage of labor
12.	Comparative study of prophylactic low dose magnesium sulphate versus standard regime in severe preeclampsia
13.	Evaluation of liver function test in pre – eclampsia and eclampsia patients in Burdwan Medical College
14.	A study on obstetric cases requiring critical care unit admission at Burdwan Medical College & Hospital
15.	Do transverse skin incision & adhesion at post caesarean delivery delay delivery of neonates & increase maternal morbidity: A cohort study
16.	A comparative study of extra – amniotic saline infusion and intra – cervical prostaglandin E2 gel for induction of labour
17.	A comparison of incidence indications and maternal outcome of primary caesarean section in primigravida and multigravida in tertiary health center
18.	A study on neonatal nucleated blood cell counts and their relationship to abnormal fetoplacental circulation detected by Doppler studies at Burdwan Medical College & Hospital
19.	Cervical length at 22 weeks of gestation prediction of spontaneous preterm delivery
20.	Study of methyl dopa versus labetalol in management of preeclampsia
21.	A comparative study of mifepristone and misoprostol vs. misoprostol alone in the management of late intrauterine fetal death
22.	A prospective case control study of the effects of metformin on clomiphene – induced ovulation in patients presenting with polycystic ovarian syndrome
23.	Maternal and fetal outcome in placenta previa
24.	Pilot study of role of calcium supplementation in decreasing the incidence of pre – eclampsia
25.	Pruritus in pregnancy: Its prevalence and relationship with intrahepatic cholestasis of pregnancy (ICP) and its maternal and perinatal outcome
26.	Pregnancy outcome in anti – thyroid peroxidase antibody negative subclinical hypothyroid women with and without treatment
27.	A comparative study of maternal fetal and neonatal outcomes in pregnancy with diabetes treated with human regular insulin and rapid acting insulin analogues
28.	Comparative study of use of levonorgestrel intrauterine system and ormeloxifene for management of abnormal uterine bleeding
29.	A prospective study of prevalence of high risk pregnancies leading to iatrogenic preterm delivery and early neonatal outcome
30.	An analytical study of caesarean section based on robson ten group classification system in a tertiary care hospital
31.	Intravenous iron sucrose versus intravenous ferric carboxymaltose in the management of postpartum iron deficiency anaemia: A randomized open label clinical trial

32.	Predictive factors for pregnancy after intrauterine insemination – A prospective study
33.	Effect of myo inositol supplementation as against placebo in prevention of gestational diabetes mellitus: A prospective open label placebo controlled clinical study
34.	Myoinositol and metformin versus metformin in the management of gestational diabetes mellitus: A randomised open label clinical trial
35.	An open label add – on clinical trial on tocolytic effect of exogenous human chorionic gonadotrophin in preterm labour
36.	Critical evaluation emergency peripartum hysterectomy cases in a tertiary care hospital in Eastern India
37.	Evaluation of effect of total salpinxectomy on ovarian function amongst pre – menopausal women undergoing hysterectomy – A randomised controlled study
38.	Intravenous labetalol versus intravenous hydralazine in the management of severe pre – eclampsia: Randomised recipient blinded clinical trial
39.	Predicting perinatal outcome in preeclampsia: Role of amniotic fluid index and umbilical artery Doppler velocimetry by ultrasound
40.	A study on gestational trophoblastic neoplasia
41.	Norethisterone versus levonorgestrel intrauterine system in heavy menstrual bleeding: Randomised open labeled clinical trial
42.	Development of automated screening by imaging technique for detection of early risk assessment of stratified squamous epithelial cancer of cervix
43.	A comparative study of perinatal outcome of second born twin in comparison to first born twin
44.	A comparative study between total abdominal hysterectomy (TAH) and total laparoscopic hysterectomy (TLH) in respect to complications patients compliance and outcome
45.	Perinatal outcome of the second twin with respect to gestational age birth weight and mode of delivery
46.	A comparative study between intracorporeal ligation versus bipolar coagulation of uterine artery in cases of total laparoscopic hysterectomy
47.	A comparative study between manual vacuum aspiration versus dilatation and evacuation for termination of first trimester pregnancy
48.	A study on sonographic evaluation of antepartum haemorrhage in third trimester of pregnancy and its obstetric outcome
49.	Correlation of pap smear with colposcopy in evaluation of cervical pathology
50.	Etiological evaluation of cases of preterm labour and methods of prevention – A prospective study
51.	Role of hysteroscopy in evaluation of abnormal uterine bleeding in relation to pelvic coil
52.	Role of levonorgestrel intra uterine system (mirena) in abnormal uterine bleeding in perimenopausal age group as an alternative to hysterectomy
53.	A study on the use of intrauterine condom balloon tamponade in the management of post – partum haemorrhage in O&G Dept. of CNMC &H
54.	A study of obstetric cholestasis in all antenatal cases in a tertiary care hospital
55.	Observational prospective study comparing different approaches of hysterectomy in benign condition of uterus without uterovaginal prolapse
56.	Prevalence of hypothyroidism in infertile women attending tertiary care centre
57.	Comparative study on neonatal outcome between first and second twin babies delivered by vaginal route
58.	An observational study comparing two regimens of pge2 gel for preinduction cervical ripening at term
59.	The effects of LNG – IUS and ormeloxifene on groups of women aged more than 40 years with simple endometrial hyperplasia and fertility preservation a comparative study
60.	A comparative study between simultaneous administration and 24 hours mifepristone – misoprostol interval in second – trimester abortion
61.	Comparison between the efficacy of norethisterone acetate tranexamic acid in the treatment of dysfunctional uterine bleeding
62.	Misoprostol for the prevention of postpartum haemorrhage a randomized controlled trial
63.	A comparative study of efficacy safety and compliance of ferric carboxymaltose (FCM) and oral iron deficiency anaemia in postpartum mothers
64.	Early wound dressing removal after caesarean delivery: A randomized controlled trial
65.	Effect of magnesium sulphate on foetal heart tracing characteristics in eclampsia and severe pre – eclampsia – A prospective cohort study
66.	Comparative study on wound outcome after non – approximation against approximation of subcutaneous layer during emergency caesarean section in patients with abdominal subcutaneous layer > 2cm
67.	Continuation versus discontinuation of oxytocin in active phase of labour; A randomised trial
68.	Role of intracervical infiltration of vasopressin for reduction of blood loss in vaginal hysterectomy

69.	A randomised double blind clinical study on effect between clomiphene citrate plus metformin and clomiphene citrate alone on induction of ovulation in women with polycystic ovarian syndrome
70.	Comparison between who versus iadpsg diagnostic criteria of gestational diabetes mellitus and their association with maternal and neonatal outcomes
71.	A randomized control study on caesarean section rate after induction of labour versus expectant management in mother with impending post term pregnancies and perinatal outcome
72.	Study of correlation of maternal hemoglobin at term with cordelood hemoglobin and birth weight
73.	Comparative study of foetomaternal outcome between first trimester BMI 18.5 - 24.9, BMI 25 - 29.9 and BMI > 30
74.	Evaluation and outcome of pregnancy induced acute kidney injury and surrogate predictor of patient needed renal replacement therapy
75.	Management of miss cases in obstetrics - Study in a tertiary care centre
76.	Comparative study of transvaginal sonography and hysteroscopy for evaluation of abnormal uterine bleeding in perimenopausal age group
77.	Outcome of twins according to the mode of delivery: A prospective observational study
78.	A comparative study between metformin and insulin in gestational diabetes mellitus
79.	Prolactin and thyroid hormone status in infertile women
80.	Acceptance complication, expulsion and failure rate of post - partum IUCD in a tertiary care hospital
81.	Impact of uterine closure on residual myometrial thickness after caesarean section in primigravida
82.	Early versus late removal of dressing in scheduled cesarean section, a randomized controlled study
83.	Evaluation of human leukocyte antigen class II DRB1 and DQB1 and its association with cervical carcinoma
84.	A study of maternal echocardiography to predict the onset of preeclampsia at 15 - 20 weeks of gestation
85.	Comparison between oxytocin with misoprostol in active management of third stage of labour
86.	Role of ferric carboxymaltose therapy in puerperal anaemia and its comparison with oral iron therapy
87.	Comparison between chlorhexidine alcohol & povidine iodine for surgical site antisepsis a randomized control trial
88.	The relationship of placental thickness with gestional age in third trimester and probable fetal outcome

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SL. NO	<i>OPHTHALMOLOGY</i>
1.	Comparison of safety and efficacy of single dose intravitreal injection of triamcinolone acetonide 1.0 mg versus dexamethasone 0.7 mg intravitreal implant in patients with macular edema due to retinal vein occlusion
2.	Comparative analysis of safety and efficacy of a single intravitreal dose of 1.25 mg injection bevacizumab and 1 mg injection triamcinolone acetonide in cases of diabetic macular edema
3.	A study on the correlation of central macular thickness on optical coherence tomography with retinal sensitivity on 10 – 2 perimetry in patients with central serous chorioretinopathy
4.	A comparative prospective study of surgical complications following phacoemulsification versus manual small incision cataract surgery in patients with pseudoexfoliation syndrome
5.	A comparative study of change in intraocular pressure following phacoemulsification versus manual small incision cataract surgery
6.	A study on the prevalence of refractive error with any ocular morbidity and the awareness there of among the school going children (6 – 14 Years) of the district of Burdwan, WB
7.	A cross sectional study to assess the prevalence of ocular morbidities among the smokers in the age group of 40 – 80 years compared to the non smokers of the same age group attending the department of ophthalmology of BMC &H
8.	A cross sectional study to assess the neurodegenerative ocular changes in patients with diabetes mellitus attending BMC &H
9.	Outcome of therapeutic penetrating keratoplasty in cases of infections keratitis
10.	Ocular manifestation HIV / AIDS in adult patients in a tertiary eye care centre Kolkata: A cross sectional study
11.	Study of effect of preoperative subconjunctival ranibizumab injection on pterygium
12.	Comparison of goldmann and non contact tonometry in measuring diurnal variability of intraocular pressure in non glaucomatous eyes in relation to central corneal thickness
13.	Prevalence of ocular morbidity among school going children (10 – 15 Years) in Kolkata urban area (Sealdah surrounding area)
14.	A comparative study of dry eye parameters in middle aged type 2 diabetes mellitus patients with and without diabetic retinopathy
15.	A cross sectional study to find out the incidence and risk factors of retinopathy of prematurity in sick newborn care unit of a tertiary level hospital
16.	Correlation between central corneal thickness and severity of visual field loss in cases of primary open angle glaucoma
17.	Observational study of magnitude of ocular manifestations of rheumatoid arthritis
18.	Changes in anterior segment parameters after laser peripheral iridotomy in patients with closure glaucoma
19.	Role of morphological changes of the vitreous gel in the development of diabetic retinopathy
20.	Association of primary open angle glaucoma with hypothyroidism – A prospective study
21.	A comparative study of lipid profile in diabetes mellitus patients with and without diabetic retinopathy
22.	A prospective study on analysis of baseline subfoveal choroidal thickness as a predictor of intravitreal ranibizumab therapy in centre involving diabetic macular edema
23.	Evaluation of strength and pattern of relationship between visual field (VF) sensitivity and retinal nerve fibre layer (RNFL) thickness as measured by Oct in patients having primary open angle glaucoma
24.	Comparative study of fibrin glue suturing and sutureless / glue free limbal conjunctival autograft for primary pterygium surgery attending a tertiary care hospital in Eastern India
25.	A descriptive study of unilateral proptosis due to tumours in adnexa orbit intracranial structure and nasal cavities in patients attending a tertiary eye care hospital in Eastern India
26.	A case control study of retinal nerve fibre thickness in different anemias (nutritional anemia, anemia of chronic disease, haemoglobinopathies) in a tertiary care hospital
27.	Surgical outcome of marcus gunn jaw winking ptosis correction
28.	A study of the clinical profile and visual outcome in optic neuritis
29.	Profile and distribution of various types of glaucoma in a tertiary eye care centre
30.	A clinical study to evaluate the changes in macular thickness and perimetric findings after intravitreal injection of ranibizumab in eyes with diabetic macular edema

MD – MS : SYNOPSIS "TITLE" FOR THE SESSION 2016 – 2019

SL. NO	<i>ORTHOPEADICS</i>
1.	A prospective and retrospective study of the outcome of high tibial osteotomy in osteoarthritis of knee with varus deformity
2.	Interlocking nail versus plate osteosynthesis in fracture shaft of humerus: A prospective observational study
3.	Late collapse of distal radius fractures managed conservatively and with percutaneous pinning (K – wires): A prospective observational study
4.	Fixation by dynamic HIP screw versus proximal femoral in intertrochanteric fractures of femur: A prospective observational study
5.	Ilizarov ring fixator versus minimally invasive plate osteosynthesis using locking plate in closed comminuted distal tibial fracture: A prospective observational study
6.	Comparative analysis of outcome after ICBG and laterjet in significant glenoid bone loss in recurrent shoulder instability
7.	A short term study of outcome after open reduction and internal fixation of displaced intraarticular fracture calcaneum
8.	Glenoid bone loss assessment in recurrent shoulder dislocation and correlation between MRI CT scan and arthroscopic findings
9.	Comparative study of the outcome of bipolar hemiarthroplasty through direct anterior versus posterior approach in the treatment of fracture neck of femur in elderly patients
10.	Comparative study of modified French versus dome supracondylar osteotomy for correction of cubitus varus
11.	Functional outcome of type III supracondylar fracture humerus in children treated by percutaneous in children pinning technique / open reduction internal fixation
12.	Evaluation of management of gustilo type IIIB open wound according to ganga hospital open injury severity score (ghoiss)
13.	Evaluation of paratricipital approach in fixation of distal humerus fracture
14.	Operative outcome of tennis elbow by open modified NIRSCHL technique – short term analysis
15.	Comparative study between surgeon's evaluation and patient's satisfaction in post – operative total knee arthroplasty
16.	Outcome of posterior only approach in surgical treatment of dorso – lumbar spinal tuberculosis: A short term analysis study
17.	Study on the functional outcome of arthroscopic bankart repair in post traumatic recurrent anterior dislocations of shoulder
18.	Evaluation of results of comminuted fracture of distal humerus fixation with anatomical precontoured plate
19.	Outcome of treatment of open tibial fracture (type III A, B) with primary ilizarov technique
20.	Comparative study of outcomes of orif of intercondylar fracture humerus (C2) by two methods – paratricipital and olecranon osteotomy approach in skeletally mature patients
21.	Study of the surgical outcome of posterior only approach in cases of caries spine presenting with neurodeficit
22.	Outcome of open reduction and internal fixation through anterior approach in delayed presentation or failed closed reduction of supracondylar fracture humerus in children
23.	Outcome and complications of displaced midshaft clavicle fractures treated with precontoured plate and screw fixation: A clinical study
24.	Assessment of vascularity of femoral head in cases of neck of femur fracture in relation to age of patient and duration of fracture by magnetic resonance imaging
25.	An epidemiological study of congenital deformities of hand at a tertiary care hospital
26.	Evaluation of vascular status of femoral head pre and post operatively in old displaced femoral neck fractures treated with titanium cannulated HIP screws and quadratus femoris muscle pedicle bone graft (Bakshi's procedure)
27.	Evaluation of result of philo's plate fixation through minimal invasive plate osteosynthesis for displaced proximal humerus fractures in adults
28.	Evaluation of result of reverse dome osteotomy in cubitus varus deformity
29.	Evaluation of results of open reduction and internal fixation by double tension band wiring in intercondylar fracture of distal humerus in adult patients
30.	Evaluation of results of proximal femoral nailing in subtrochanteric fractures in adult: a study in tertiary care center in Eastern India
31.	Evaluation of results of baksi sloppy hinge elbow arthroplasty using a modified surgical technique: A study in tertiary care center in Eastern India
32.	Identification of patients with high risk of osteoporotic fractures in an Indian clinical setting by making use of world health organization fracture risk assessment tool (FRAX)

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2016 – 2019

SL. NO	<i>E.N.T.</i>
1.	Clinicopathological study of thyroid swelling and comparison FNAC with histopathology
2.	Outcome of post operative mastoid cavity obliteration with autologous cartilage VIS – A – VIS adipose tissue – A comparative study
3.	Comparative study on outcome of medical management v/s combined surgical & medical management of sinonasal polyposis
4.	Comparative study on impact of intravenous tranexamic acid v/s no drug on haemorrhage during endoscopic sinus surgery
5.	A study of complications of tracheostomy and its sequelae
6.	Role of otoendoscopy in decision making in the management of chronic otitis media
7.	Evaluation of clinical endoscopic and radiological status after endoscopic sinus surgery in refractory chronic rhinosinusitis
8.	Incidence of anatomical variations of nose and paranasal sinuses in patients of chronic rhinosinusitis – An observational cross – sectional study
9.	A clinicopathological study on nodular goiter of thyroid with special reference to ultrasonography and the Bethesda system of reporting of thyroid cytopathology
10.	A comparative study between tympanoplasty with cortical mastoidectomy versus plain tympanoplasty in the management of mucosal variety of chronic otitis media
11.	A prospective study of auditory alterations following radiotherapy in patients with head and neck malignancy
12.	A clinical study to evaluate patients with hoarseness of voice due to benign laryngeal lesions with special reference to micro laryngeal surgery
13.	Coblation versus cold steel adenoid and / or tonsillectomy – A comparative study
14.	A clinico – pathological study of salivary gland tumours
15.	A study on correlation between size of adenoids with severity of hearing loss in otitis media with effusion among paediatric population
16.	A clinicopathological study sindnasal polyposis and correlation among clinical radiological and histopathological findings
17.	A comparative study using temporalis fascia and autologous cartilage graft in revision type – I tympanoplasty
18.	Approach to the frontal recess – A comparative study between intact bulla and bulla down techniques
19.	Comparative study between conventional septoplasty and endoscopic septoplasty
20.	Intraoperative methylene blue spray for safe thyroidectomy – A newer technique in a peripheral medical college & Hospital
21.	Assessment of levels of otoacoustic emission response in neonatal asphyxia

MD – MS : SYNOPSIS "TITLE" FOR THE SESSION 2016 – 2019

SL. NO	<i>PAEDIATRICS</i>
1.	A study on clinico – etiological profile of infants presenting with 1 st seizure in tertiary care hospital of North Bengal
2.	A study on nutritional status in children with long term neurological impairment
3.	A clinico – epidemiological study of pediatric dermatoses of HIV infected children in a tertiary care hospital of NB
4.	Growth and neurodevelopmental outcome among very low versus normal birth weight babies admitted at SNCU, BS Medical College, Bankura
5.	Comparative study of alteration in body weight and body mass index in pediatric patients with epilepsy on valproate or other anticonvulsants in tertiary care hospital
6.	A study of haematological profile in neonatal hypoxic ischemic encephalopathy
7.	
8.	Ultrasonological features of brain in perinatal asphyxia among neonates admitted in sick newborn care unit of a rural based medical college
9.	A study on burden of unrecognised hypertension in school going children and determination of the risk factors – A school based study in Burdwan town, WB
10.	Assessment of thyroid function in very low birth weight preterm infants in a tertiary care hospital
11.	A study on the prevalence & risk factors of overweight & obesity among school going children of Burdwan town, West Bengal, India
12.	A study to evaluate incidence and profile of ventilator associated pneumonia in the neonatal intensive care unit in a rural tertiary care centre
13.	A study on bacteriological profile and antibiogram of neonatal sepsis in a rural tertiary care centre
14.	A study on etiology of culture positive sepsis in low birth weight babies weight in between 1001 grams to 2499 grams and their drug sensitivity pattern in a tertiary care hospital
15.	A study on blood glucose level in healthy term and preterm newborns with reference to impact of mode of delivery on neonatal hypoglycemia
16.	Study of growth and endocrinological profile of children aged 3 – 18 years with beta thalassemia major
17.	A study of neonates at risk of hypoglycemia on exclusive breastfeeds
18.	Assessment of outcome of neonates requiring bubble CPAP and their longterm follow up
19.	Study on clinical profile and laboratory parameters of enteric fever cases with special reference to antibiotic sensitivity pattern
20.	Study of clinico – aetiological and drug sensitivity profile in culture positive sepsis cases amongst inborn and outborn babies
21.	Cardiac manifestations in dengue fever in pediatrics patients of a tertiary care hospital
22.	A study on clinical haematological and biochemical parameters of dengue fever in children at a referral teaching hospital of Kolkata
23.	A study on serum interleukin 6 and C reactive protein levels and their correlation with coronary changes and response to IVIG therapy in Kawasaki disease
24.	Clinical spectrum and predictive risk factors of major infections in hospitalized children with nephritic syndrome
25.	Study of clinical and etiological characteristics of cerebral palsy in children 2 to 10 years of age
26.	Spectrum of respiratory distress in neonates in a tertiary care hospital
27.	A prospective randomized comparative trial of two natural surfactant [curosurf and neosurf] in the treatment of respiratory distress syndrome in preterm infant
28.	Etiological profile clinical spectrum and outcome of acute hepatitis in children aged between one to twelve years attending tertiary care hospital
29.	A study on role of cartridge based nucleic acid amplification test (CBNAAT) for diagnosing pediatric tuberculosis in a tertiary care hospital in Kolkata
30.	Study of administration of surfactant and its outcome for term and late preterm neonates with meconium aspiration syndrome in a tertiary care hospital
31.	Extubation failure in pediatric intensive care unit: Incidence risk factors and outcome
32.	Trend of clinicoepidemiological and laboratory profile of dengue with warning signs in paediatric age group at a tertiary hospital: A comparison of 2016 and 2017

33.	Etiological and clinical profile of acute kidney injury of neonates in a tertiary care hospital
34.	Socioeconomic burden of childhood chronic arthritis in a tertiary care hospital
35.	Differentiation of pneumonia from wheezy diseases in tachypnoeic hospitalised children in a tertiary care hospital: A clinical study
36.	Stunting in HIV positive children and its correlation with various clinical parameters and cd4 count: A study in a tertiary care centre
37.	Cardiac involvement in children aged 3 months to 12 years with dengue fever
38.	Total & differential counts of leucocytes in acute febrile infective illness in children (2 months – 5 years) and their relationship with type and severity of illness
39.	Neonatal pneumonia: Incidence aetiological profile and correlation between radiological and haematological findings in its course
40.	Functional outcome of refractory status epilepticus: A prospective study in a paediatric intensive care unit of a tertiary care hospital in WB
41.	Growth parameters and Vitamin – D status in children aged 6 – 12 Years with or without beta – thalassemia major
42.	Renal replacement therapy in first year of life: Etiologies and outcome
43.	Comparative mortality study of transfusion requirements among children on mechanical ventilation
44.	An epidemiological study on outcome of delivery room CPAP in extremely low birth weight babies in a tertiary care hospital
45.	Health related quality of life in children with chronic rheumatological disorders
46.	Role of chest radiograph in diagnosis of etiology of tachypnea in children less than five years of age
47.	To study the clinico bacteriological profile and outcome of empyema thoracis in children between 1 month to 12 years of age admitted in the paediatrics Dept. of CNMC
48.	Clinical profile of atypical manifestations of dengue fever in 1 month – 12 years age group children
49.	Study of electrolyte profile of children between 6 to 60 months of age with some or severe dehydration due to diarrhea admitted to tertiary care hospital
50.	Burden of primary immunodeficiency diseases in hospitalized patients with infection
51.	A comparative study between intermittent bolus and continuous gavage feeding for better tolerance and weight gain among the moderate early preterm
52.	Role of neuroimaging in etiological diagnosis of new onset childhood seizure
53.	Enteric fever clinical profile and laboratory profile changes current antibiotic sensitivity pattern in a tertiary care hospital
54.	Outcome of early continuous positive airway pressure (CPAP) in the management of respiratory distress syndrome (RDS) in preterm newborns
55.	Brain stem evoked response audiometric findings in post neonatal meningitis
56.	Study on efficacy and safety of rituximab therapy in children with complicated steroid dependent nephritic syndrome
57.	Study on prevalence of pulmonary hypertension in thalassaemia
58.	Study on clinico – epidemiological profile of hemophagocytic lymphohistiocytosis in children and its outcome in a tertiary care hospital
59.	A study on the clinico – epidemiological profile and outcome of pediatric snake bite victims in a tertiary referral centre

MD – MS : SYNOPSIS "TITLE" FOR THE SESSION 2016 – 2019

SL. NO	<i>PATHOLOGY</i>
1.	Role of inflammatory biomarkers intercellular adhesion molecule and acute phase reactants as a predictor in the development of post thrombotic syndrome in deep vein thrombosis
2.	Expression of vimentin e cadherin and B catenin in oral squamous cell carcinoma
3.	A study on changes in platelet count and platelet indices in patients with press lampsia and eclampsia: A case control study
4.	Predictive value of mean platelet volume red cell distribution width and neutrophil to lymphocyte ratio in clinically suspected acute appendicitis and histopathological correlation
5.	A comparative evaluation of cartridge based nucleic acid amplification test (CBNAAT) cytomorphology and ziehl neelsen staining method for diagnosis of tuberculous lymphadenitis in a tertiary care centre of North Bengal
6.	Clinicohematological correlation in pediatric age group having hemoglobin – E hemoglobinopathies with special reference to hemoglobin – F levels – A study at a tertiary care centre in North Bengal
7.	Clinicopathological study of endoscopically suspected Barrett esophagus with special reference to detection of intestinal metaplasia using special stains in a tertiary care hospital of NB
8.	study of alopecia in tertiary care hospital in North Bengal with special reference to verhoeff – vangieson elastic tissue stain and periodic acid Schiff stain
9.	Clinico – pathological study of patients with leprosy attending a tertiary care hospital in the tribal region of Eastern India
10.	Her2 / neu expression malignant thyroid lesions – comparison of its expression in cytosmear cell block and histopathological study and role of her2 / neu as a prognostic marker
11.	Incidence of impaired glucose tolerance and diabetes mellitus in transfusion dependent thalassemia patients and its correlation with iron chelation in BSMC &H
12.	Fine needle aspiration cytology of thyroid lesions in a tertiary care hospital catering predominantly the tribal population: Special reference to autoimmune thyroiditis
13.	Mast cell density in carcinoma of breast with its clinicopathological correlation and histopathologic grading
14.	Histopathological study of uterine lesion in hysterectomy specimens
15.	A study of CD10 positivity in stromal cells and its relation with histopathological grading in tru – cut biopsy sample of breast cancer patients
16.	Postmortem changes in kidney and adrenal in burn patients
17.	Evaluation of mucin histochemistry profile in colonoscopy biopsy of ulcerative lesions of large gut and its predictive value
18.	Interpretation of tru – cut biopsy of palpable breast lesions with special emphasis on detection of premalignant lesion
19.	Cyto – histopathological correlation of exfoliated respiratory cytology cell block with bronchoscopic biopsy and post bronchoscopy sputum cytology in suspected lesions of bronchogenic carcinoma
20.	Intra operational imprint cytology as rapid consultation technique in thyroid lesions with histopathological correlation
21.	Cytohistologic grading of infiltrating duct carcinoma breast with co – relation of lymph node status
22.	A study to correlate proliferative activity (KI67) of clonic adenomatous polyp and colonic adenocarcinoma with cox2 expression in cases attending tertiary care hospital in Kolkata
23.	A clinico – pathological profile and etiological spectrum of pancytopenia in adult patients attending a tertiary care hospital in Kolkata
24.	Expression of vimentin and CD34 in triple negative breast cancer in a tertiary care hospital of Kolkata
25.	A study of her2 / neu expression of gastric and lower oesophageal carcinoma and its correlation with clinicopathological findings in patients attending MCGH, Kolkata
26.	Diagnostic accuracy of FNAC and core needle biopsy with immuno – histopathological analysis of primary breast carcinoma with special reference to high grade cases
27.	Approach to diagnosis of thyroid swelling exhibiting papillary architecture with special reference to immunohistochemistry (CK19 HBME1 P27kipl) study from a tertiary care hospital in Kolkata
28.	Histopathological immunohistochemical and gene expression profiling (Of cancer stem Cells) in triple negative breast cancers (TNBC)

29.	Immunohistochemical profile (CD3, CD4, CD8, CD20) of tumor infiltrating lymphocytes in breast carcinoma cases receiving neo adjuvant chemotherapy – Study from a tertiary care hospital of Kolkata
30.	Fine needle aspiration cytology of cervical lymph nodes with special emphasis on tuberculous infection and its correlation with cartridge based nucleic acid amplification test
31.	Clinico – pathological study of immunobullous disorders with special reference to immunofluorescence
32.	A study of coagulation profile in thalassemic patients in a tertiary care hospital in Kolkata
33.	A study on utility of histopathological analysis of closed pleural biopsy in etiological diagnosis of exudative pleural effusion and immunohistochemistry in cases with diagnostic dilemma
34.	Correlation of mast cell density with estrogen receptor and progesterone receptor expression in breast carcinoma: A cross – sectional study in a tertiary care hospital, Kolkata
35.	Study of coagulation profile and platelet indices in pregnancy induced hypertension with special reference to preeclamptic and eclamptic patients
36.	Immunohistochemical analysis of cytokeratin 7 & 20 expression in colorectal carcinoma and its correlation with histopathological grading of tumour
37.	Clinicopathological spectrum of colorectal carcinoma and correlation of stathmin expression with respect to its histopathological staging and grading
38.	A cross – sectional study on expression of her – 2 / neu in invasive cervical carcinoma and its correlation with histopathological type and grade of the tumour in tertiary care hospital
39.	Diagnostic utility of galectin – 3 expression in differentiating benign from malignant thyroid neoplasm
40.	Study of expression of EGFR and ALK in non – small – cell lung carcinoma
41.	Correlation of PTEN and beta catenin expression with histological grade and stage of ovarian epithelial carcinoma
42.	Expression of E – cadherin and its implication in laryngeal squamous cell carcinoma
43.	Correlation of vascular endothelial growth factor (VEGF) and ki – 67 expression with histological grade and stage of renal cell carcinoma
44.	Correlation between the epithelial changes of fallopian tubes with surface epithelial tumors of ovary with reference to Ki67 and P53 immunostains
45.	Spectrum of histopathological changes in renal biopsies of nonneoplastic kidney diseases in adult population with special reference to immunofluorescence in a tertiary care referral centre
46.	Spectrum of EGFR mutation and ALK rearrangement in non small cell carcinoma of lung
47.	Role of liquid based cytology in diagnosis of urothelial carcinoma with special reference to urinary biomarkers in a tertiary care hospital
48.	Clinicopathological study of ovarian neoplasm with special reference to HE4 immunohistochemical expression in a tertiary care hospital
49.	Changes in endometrium in perimenopausal and postmenopausal women with prognostic and diagnostic significance of P53 and pten in hyperplastic and neoplastic lesion
50.	A study of platelet indices in differential diagnosis of thrombocytopenia
51.	Study of clinicopathological variables in periampullary tumours with special reference to Ki 67 proliferative index and intra tumoural microvessel density (INVD)
52.	Utility of cell block preparation in diagnosis of paediatric abdominal neoplasms with special reference to immunohistochemistry
53.	Pancytopenia: A clinico – hematological study
54.	A study of association of urine cytology with histopathology and p53 expression in urinary bladder epithelial neoplasia

MD – MS : SYNOPSIS "TITLE" FOR THE SESSION 2016 – 2019

SL. NO	<i>PHARMACOLOGY</i>
1.	A prospective randomised comparative study of efficacy and safety among sodium valproate topiramate and flunarizine plus propranolol combination in migraine prophylaxis in a tertiary care hospital in West Bengal
2.	A study to evaluate efficacy of tinospora cordifolia "Guduchi" as analgesic anti - inflammatory and anti - pyretic agent using albino wistar rats as an experimental animal model
3.	Drug prescribing and usage pattern of anti - hypertensive drugs and their adverse effects in patients of essential hypertension attending OPD of a tertiary care hospital
4.	Impact of anti diabetic pharmacotherapy on type2 diabetes mellitus patients in a tertiary care hospital in rural setting - An OPD based prospective longitudinal observational study
5.	A comparative prospective study on gemcitabine and cisplatin versus paclitaxel and cisplatin in the treatment of advanced non small cell lung carcinoma
6.	Amitriptyline versus pregabalin in chemotherapy induced peripheral neuropathic pain - An observational comparative study
7.	Comparison of efficacy and safety of the ophylline doxofylline and acebrophylline as add on in the management of chronic obstructive pulmonary disease: A prospective study
8.	Assessment of prescribing pattern and safety profile of drugs used in intranasal route in paediatric age group of patients in a tertiary care hospital - An observational study
9.	Assessment of prescribing pattern in paediatric and adult malaria patients in a tertiary care hospital
10.	The effect of standard treatment modalities on clinical metabolic and ovarian parameters in polycystic ovarian syndrome
11.	A randomised controlled trial of levosimendan versus dobutamine in acute heart failure
12.	A randomized double blind placebo controlled trial of controlled release mebeverine in irritable bowel syndrome
13.	Effectiveness and safety profile of TNF alpha inhibitors in refractory spondyloarthropathies an observational study
14.	Safety and clinical effectiveness of alteplase in acute ischemic stroke: An observational study in a tertiary care hospital
15.	A prospective observational study of antimicrobial use in children admitted to pediatric intensive care unit of a tertiary care hospital
16.	An observational prospective comparative study of the effectiveness and safety of liposomal Amphotericin - B versus miltefosine in the treatment of post kala - Azar dermal leishmaniasis (PKDL)
17.	An experimental study to find out the additive analgesic effect of hydro - alcoholic extract of ginger with paracetamol and ibuprofen in management of pain in mice
18.	A study to find out additive analgesic effect of flupirtine maleate tramadol hydrochloride and paracetamol in experimental pain management in mice
19.	An explorative study on neuroprotective role of azadirachta indica in diabetic rodent model
20.	An explorative study on nephroprotective role of green coffee bean extract on rodent model

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2016 – 2019

SL. NO	<i>P.M.R.</i>
1.	A comparative study on efficacy between ultrasound-guided cervical medial nerve branch block and conservative management in cervical facet arthropathy
2.	A comparative study f efficacy between ultrasound therapy and fluoroscopy guided intra-articular steroid injection in L3-L4 and L4-L5 facet arthropathy.
3.	A comparative study of efficacy between transforminal epidural injection and selective nerve root block in Disc prolapse of L4 – L5 and L5 – S1
4.	Study to assess the effects of ultrasound guided dry needling in rehabilitation of rotator cuff tendinopathy

MD – MS : SYNOPSIS "TITLE" FOR THE SESSION 2016 – 2019

SL. NO	<i>IMMUNO - HAEMATOLOGY</i>
1.	An Analysis of prevalence of ABO & Rh(D) group discrepancies in the blood donor populations in a tertiary care hospital blood bank in Eastern India
2.	Incidence and spectrum of blood donor adverse reactions and predisposing factors in a regional blood transfusion centre in Kolkata

MD – MS : SYNOPSIS "TITLE" FOR THE SESSION 2016 – 2019

SL. NO	<i>PHYSIOLOGY</i>
1.	A comparative study of maximal voluntary ventilation and vital capacity as predictors of exercise capacity in healthy young adult male individuals
2.	Additional oxygen therapy to mother during planned lucs under spinal anaesthesia: Effects on newborn
3.	Pathophysiological variation of infective biomarkers in diabetic and nondiabetic subject suffering from sepsis
4.	A study of gastric PH after intravenous single dose of pantoprazole in elderly patient (more than 60 Yrs of age) in geriatric surgery under spinal anaesthesia
5.	Effect of perceived stress on cardiovascular profile in women with polycystic ovarian syndrome
6.	A study on the changes of liver function tests in pre – eclampsia compared to normal pregnancy
7.	A comparative study of effect of yoga on cardiorespiratory profile of young adult Indian males and females
8.	A comparative study of the association between total body fat percentage (TBF %) and body mass index (BMI) among depressed and normal subjects
9.	Evaluation of cardiovascular sounds in normal controls and patients of systemic hypertension using quantitative phonocardiography
10.	Comparison of several anthropometric measures with HOMA – IR among Indian adult overweight and obese females of age group 35 to 65 years
11.	Evaluation of nerve conduction studies in diabetics aged forty years and beyond
12.	Effect of zinc supplementation on nerve conduction study parameters among patients of type – 2 diabetes mellitus with peripheral neuropathy
13.	Comparison between classical autonomic function tests (ewing's protocol) and short term heart rate variability (HRV) as a determinant of cardiovascular autonomic function in healthy young male adults in a tertiary care hospital, Kolkata
14.	Changes in brainstem auditory evoked potentials (BAEP) in delayed developmental milestones infants
15.	Normative spirometric values in adult population in West Bengal
16.	Study of serum copper concentration among non – pregnant women of reproductive age group suffering from iron deficiency anemia in a tertiary care hospital of Kolkata
17.	Spirometric evaluation of pulmonary function in rheumatoid arthritis patients and its relation with disease duration and disease activity
18.	Muscle mass estimation by 24 hour urinary creatinine in patients undergoing oncological treatment
19.	Study of pulmonary function tests in alcoholic and cirrhotic patients

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2016 – 2019

SL. NO	<i>PSYCHIATRY</i>
1.	Assessment of benefits of biofeedback assisted relaxation in treatment of patients of anxiety disorders
2.	Efficacy of repetitive transcranial magnetic stimulation left dorsolateral pre – frontal cortex in craving suppression in alcohol dependence syndrome
3.	A study of psychiatric comorbidities among patients with somatoform disorders
4.	A study of psychiatric morbidities among care – givers of children with ADHD
5.	A study on tobacco use status and its effect on cognition in schizophrenia patient
6.	A study on prevalence of premature ejaculation in Burdwan Medical College and its impact on sexual satisfaction and quality of life
7.	Cognition in patients with epilepsy and bipolar affective disorder stable on medication – A comparative study
8.	Correlation between inflammatory markers and positive and negative symptoms and neurocognition in schizophrenia patient
9.	A study on positive and negative symptoms and quality of life in newly diagnosed cases of schizophrenia
10.	Antipsychotic medication induced movement disorders in indoor patients of schizophrenia and schizoaffective disorder of tertiary mental hospital – A cross sectional observational study
11.	A prospective hospital based study of c reactive protein (CRP) as a response predictor of antidepressant treatment in drug naïve major depressive disorder (MDD)
12.	A short term comparative study on risk factors and outcome of major dementia syndromes
13.	Clinical radiological and sociodemographic correlates of post stroke depression: A cross sectional study among adult stroke patients in a tertiary care hospital, Kolkata
14.	Study on family efficacy and adaptive behavior of children with intellectual disability and the outcome of psycho – therapeutic intervention: A longitudinal study in a tertiary care center, Kolkata
15.	A comparative study between neurocognitive profile of obsessive compulsive disorder patients with genetic controls and the effect of mindfulness based interventions on diseased group
16.	A comparative study of sleep EEG patterns and executive in children of schizophrenic parents with age and gender matched controls of non – schizophrenic parents
17.	A comparative study of effect of mindfulness based interventions on disease activity psychological stress & QOL in patients of rheumatoid arthritis with waitlist control group
18.	A comparative study of sleep EEG patterns and executive functions in children of alcoholic parents with age and gender matched controls of non alcoholic parents

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2016 – 2019

SL. NO	<i>RADIOTHERAPY</i>
1.	A prospective randomized comparative study with concurrent chemo radiation with weekly gemcitabine versus weekly carboplatin in locally advanced non – small cell carcinoma of lung
2.	A prospective randomised study of hypofractionated radiotherapy versus conventional radiotherapy in post – operative early stage carcinoma of breast
3.	An interindividual comparison of radiotherapy in prone and supine positioning in patients of carcinoma cervix
4.	A prospective randomised study comparing concurrent chemoradiation with or without gefitinib in locally advanced head and neck cancer
5.	A pilot study on feasibility toxicity and efficacy of a novel hypofractionated radiation therapy [35GY (7FR) followed by 10GY (2FR) boost in patients with good response] in advanced non – nasopharyngeal head and neck carcinoma [stage IV] treated with palliative intent
6.	A prospective comparison of acute toxicities and locoregional control of intracavitary brachytherapy with or without concurrent weekly cisplatin in patients of locally advanced cervical carcinoma following concurrent chemoradiation
7.	A prospective comparative study of locally advanced squamous cell carcinoma cervix (stage IIIB) treated by concomitant chemoradiation followed by brachytherapy with and without parametrial boost
8.	A prospective comparative study of tolerance health related quality of life and fatigue component in hypofractionated vs conventional fractionated radiotherapy in adjuvant setting of breast carcinoma
9.	A pilot study to assess the feasibility toxicity and efficacy of concurrent chemoradiation with capecitabine and cisplatin in patients of locally advanced inoperable squamous cell carcinoma of oesophagus
10.	A prospective study comparing induction chemotherapy with low dose fractionated radiation therapy followed by concurrent chemoradiation versus conventional concurrent chemoradiation in locally advanced head and neck cancer
11.	Breast cancer classification according to immunohistochemistry markers and its relationship with clinicopathological features treatment outcome and cervical analysis
12.	A prospective study comparing concurrent chemoradiotherapy versus neoadjuvant chemotherapy followed by radiotherapy in inoperable locally advanced oesophageal carcinoma
13.	A dosimetric comparison of whole breast irradiation with conventional and conformal radiation techniques
14.	Effect of various prognostic factors on response pattern in locally advanced non small cell lung cancer treated by definitive chemoradiotherapy – A prospective study
15.	Assessment and comparison of quality of life and symptom relief in patient of inoperable non – metastatic non small cell lung cancer undergoing different palliative radiation therapy
16.	Patterns of failure in locally advanced female breast carcinoma treated with neoadjuvant chemotherapy followed by surgery and radiotherapy – Single institutional combined retrospective – prospective observational study
17.	Assessment and comparison of quality of life and sexual function in post mastectomy female breast carcinoma patients undergoing adjuvant treatment
18.	Patterns of failure in locally advanced head and neck carcinoma – A single institutional retrospective audit

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2016 – 2019

SL. NO	<i>RESPIRATORY MEDICINE</i>
1.	A study of sleep disordered breathing patterns in patients with chronic obstructive pulmonary disease in a tertiary care hospital
2.	Study of clinical presentation and predictors of adverse outcome in patients admitted for acute exacerbation of chronic obstructive pulmonary disease in a tertiary care hospital
3.	Clinico – radiological profile and outcome of patients undergoing intercostals tube drainage in a tertiary care hospital
4.	Approaches for diagnosis and management of malignant pleural effusion an Eastern India study
5.	Study of clinico radiological profile pulmonary function test and assessment of pulmonary hypertension by echocardiography in patients of diffuse parenchymal lung diseases
6.	Study of tuberculous pleural effusion with special reference to cartridge based nucleic acid amplification test of pleural fluid
7.	A study on sputum bacteriology and antibiotic sensitivity pattern of patients with acute exacerbation of chronic obstructive pulmonary disease in a tertiary care hospital
8.	Povidone iodine versus tranexamic acid for pleurodesis in malignant pleural effusion: A comparative pilot study
9.	Role of fiberoptic bronchoscopy and thoracic computerised tomography in diagnostic work up of cases of moderate to severe haemoptysis admitted in a tertiary hospital
10.	A study on diagnostic importance of cartridge based nucleic acid amplification test (CBNAAT) in pulmonary and extrapulmonary tuberculosis
11.	A study on etiology and diagnostic modalities of cases with solitary pulmonary opacity in chest roentgenogram
12.	Study of mediastinal lesions with special references to evaluation of different diagnostic procedures
13.	A study on nonresolving pneumonia with special reference to the role of fiberoptic bronchoscopy
14.	Correlation between high resolution computed tomography (HRCT) score and spirometry indices in patients with stable bronchiec tasis – A cross sectional study
15.	A study on sensitivity of cartridge based nucleic acid amplification test (CBNAAT) to detect mycobacterium tuberculosis in pleural fluid among suspected cases of tuberculous pleural effusion
16.	A study to determine the diagnostic yield of USG guided pleural biopsy in exudative pleural effusion and correlation of this diagnostic yield with CT thorax findings
17.	Evaluation of cardiac profile in patients with acute exacerbation of chronic obstructive pulmonary disease with special reference to echocardiographic assessment and N terminal pro brain natriuretic peptide measurement

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2016 – 2019

SL. NO	<i>TROPICAL MEDICINE</i>
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

MD – MS : SYNOPSIS "TITLE" FOR THE SESSION 2016 – 2019

SL. NO	<i>GENERAL SURGERY</i>
1.	To study the role of neutrophil – lymphocyte ratio and platelet – lymphocyte ratio in predicting prognosis of gastric carcinoma patients
2.	A clinical study on gastroduodenal perforation with special reference to role of acid reducing agents
3.	A study on clinical presentation treatment modalities and the outcome of cholangiocarcinoma in NBMC&H
4.	A comparative study between laparoscopic cholecystectomy and mincholecystectomy in a rural medical college
5.	Epidemiological study on secondary bacterial peritonitis in a tertiary care hospital of North Bengal
6.	Abdominal trauma – study on epidemiology clinical manifestations and management in a rural tertiary care hospital of North Bengal
7.	Prospective study on role of alvarado score and appendicitis inflammatory response score on clinical diagnosis of acute appendicitis and evaluation of conservative and operative management
8.	Epidemiological study for evaluation of sexual status in patients presenting with lower urinary tract symptoms – BPH
9.	A study of the clinico pathological spectrum of renal tumours and their management at tertiary care hospital in Eastern India
10.	Evaluation of obstructive jaundice a retrospective and prospective study at a tertiary care centre
11.	A study of port site infections in patients underwent laparoscopic cholecystectomies and its prevention and management
12.	A comparative study of skin staplers with nylon sutures in abdominal skin wound closure in vertical midline laparotomy wound
13.	A study on etiological factors causing peptic perforation presented in a tertiary care centre
14.	Evaluation of immunonutrient supplementation over conventional feeding after gastrointestinal anastomosis in definitive management of gastric carcinoma
15.	A study to detect the surgical complications in snake bite patients attending at BMC&H
16.	An observational descriptive study to determine the role of pre – operative low albumin and low BMI in post – operative morbidity and mortality in emergency laparotomies
17.	An observational study on various presentations of appendicular pathology in a tertiary hospital
18.	A study on intestinal obstruction with reference to its epidemiology etiology & management in a peripheral medical college
19.	Comparison of effectiveness among centchroman danazol and evening primrose oil for the management of mastalgia in benign breast diseases
20.	Pneumo – dissection and conventional tissue dissection of calot's triangle in patients undergoing elective laparoscopic cholecystectomy a comparative study
21.	A comparative study between medical therapy and USG guided aspiration versus medical therapy alone in uncomplicated amoebic liver abscess in Bankura Sammilani Medical College
22.	Evaluation of apache II score as a predictor of outcome in patient with perforative peritonitis
23.	A clinico – radiological study to determine the predictive factors for difficult laparoscopic cholecystectomy
24.	A comparative study between conservative and operative management in acute appendicitis
25.	A study of pancreatic enzymes and pancreatic morphology in cases of calculous cholecystitis
26.	Role of sonomammography and its diagnostic accuracy for evaluating breast lesions both benign and malignant and co – relation of the results with clinico – pathological findings
27.	An observational study of appendicular lump with special reference to early intervention and ochsner sherren regime
28.	Association of hypomagnesemia with hypocalcemia after thyroidectomy
29.	Primary and residual below – knee varicosity: A clinical and imaging study with special reference to standard treatment (foam sclerotherapy and segmental phlebectomy)
30.	Clinicopathological characteristics of benign breast disease presenting with mastalgia without a discrete lump and its correlation with ER/PR status and Ki – 67 scoring
31.	A study on etiology clinical manifestations and outcome of surgery in peptic perforation
32.	Comparative study of early enteral feeding versus parenteral feeding on outcomes of patients of acute pancreatitis
33.	Mass closure technique versus X suture technique of closure of midline incisions given during emergency laparotomy: A comparative study
34.	A study on etiology clinical manifestations and outcome of management of liver abscess
35.	Mastalgia in andi: A Clinical study with special reference to response to standard treatments (vitamine + evening primrose oil and hormone therapy)

36.	Chemical sphincterotomy with botulinum toxin versus lateral sphincterotomy in the management of chronic fissure in ano: A comparative study
37.	Clinico – radiological study on percutaneous transhepatic biliary drainage in advanced cases of biliary malignancy with obstructive jaundice
38.	Etiological and pathological study and management of intestinal obstruction with special reference to clinical radiological and biochemical parameters
39.	A study to measure pain perception and resumption of activity following different operative procedures in inguinal hernia repairs
40.	Breast cancer: An observational study on presentation and staging
41.	A prospective study of clinical imaging and histo – pathological correlation of thick walled gall bladder
42.	Spectrum of solitary thyroid nodule in a tertiary care center
43.	Volume displacement replacement techniques for breast lumps – A study on aesthetic and surgical outcomes
44.	A prospective and retrospective observational study on residual gall bladder stones after cholecystectomy
45.	Demographic and clinicopathological profile of gastric neoplasm – A prospective observational study at a tertiary referral hospital of Eastern India
46.	A prospective study of results of mesh hernioplasty and modified darnning in primary inguinal hernia
47.	A clinico – pathological study on choledochal cyst in adults
48.	Clinical study on the role of nasogastric suction in the surgical outcome of appendicular perforation with or without abscess
49.	A comparative study of incidence and pattern of surgical site infection in elective abdominal surgery
50.	Comparative study of early enteral feeding vs traditional enteral feeding after gastrointestinal surgery
51.	A clinico – pathological study on collaboration between fine needle aspiration cytology reports and post operative histopathology reports in suspected cases of breast carcinoma
52.	To correlate the laboratory risk indicators for necrotizing fasciitis (LRINEC) score with the clinical features and surgical management of necrotizing soft tissue infections
53.	A study of etiology and factors influencing outcome in operatively managed cases of acute intestinal obstruction
54.	A comprehensive study of surgical jaundice correlating imaging investigation and operative findings
55.	A comprehensive study of causes and rates of conversion from laparoscopic cholecystectomy to open cholecystectomy
56.	A clinicopathological study to establish the correctness of diagnosis of acute appendicitis in case of acute right lower quadrant pain of abdomen
57.	Clinicopathological study of acute mechanical intestinal obstruction in adults and outcome of management
58.	Management of infections with mycobacterium other than tuberculosis (MOTT) as a complication of surgical procedures
59.	Comparative study of diagnostic accuracy of minimally invasive pathological techniques impression cytology with clinical and radiological examinations in the diagnosis of breast lumps
60.	Comparative study of minimally invasive pathological techniques (FNAC) impression cytology with clinical radiological and histopathological examinations in diagnosis of thyroid nodule
61.	Clinicopathological study of diabetic foot and its surgical management
62.	A prospective and comparative study to evaluate the outcome of subcutaneous drains in laparotomy
63.	Outcome of colorectal surgery with or without mechanical bowel preparation – A comparative prospective study
64.	Comparative study between lateral approach versus conventional approach for hemithyroidectomy
65.	The impact of tobacco use and body mass index on complications after abdominal surgery
66.	Prediction varied presentation and management of mirizzi syndrome at a tertiary care hospital in Eastern India
67.	An outcome study on use of who safe surgical checklist for optimum surgical safety in perioperative period evaluated in a tertiary care centre
68.	A prospective comparative study of primary closure resection anastomosis and primary ileostomy in patients with ileal perforations
69.	A studies on matrix metalloproteinase 9 in relation to breast cancer in tissue samples serum and saliva
70.	A study on the expression of membrane type 1 – matrix metalloproteinase (MT1 – MMP) and its role in breast carcinoma
71.	Comparative study between preoperative CT scan guided staging of gastrointestinal malignancies with or without diagnostic laparoscopy before surgery
72.	Comparative study of medical and surgical management of chronic anal fissure
73.	Comparison of quality of life and disease free survival in patients of gallbladder cancer after radical cholecystectomy who receive adjuvant chemotherapy and those who do not

74.	A clinical study of post cholecystectomy complications – Laparoscopic versus open
75.	A study of causative factors of enterostoma creation and its outcome in open abdomen management in a tertiary referral centre
76.	Evaluation of ALP and GGT levels as predictors of choledocholithiasis taking MRCP as the diagnostic gold standard
77.	A study of effects of flap fixation / quilting on complications of modified radical mastectomy
78.	A study of residual breast tissue in post mastectomy skin flaps
79.	A comparative study of D1 and modified D2 gastrectomy in adenocarcinoma of stomach with regards to post operative outcome
80.	A study of patients with abdominal trauma in a tertiary care center with special emphasis on factors influencing outcomes
81.	A prospective study on diagnosis and management of benign breast lump specially in reference to fibrocystic breast disease
82.	Evaluation of patents with carcinoma gall bladder in respect of timing of presentation and compounding risk factors
83.	Outcome of monitoring and management of high intra abdominal pressure in critically ill medical and surgical patient
84.	Laparoscopy assisted and open colorectal surgery – A study on short – term outcomes, surgical outcomes and patient’s satisfaction

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2016 – 2019

SL. NO	<i>GENERAL MEDICINE</i>
1.	An observational study on the reversibility of LVDD, impaired LVFF & abnormal LV mass with levothyroxine replacement in primary hypothyroid patients of Indian origin
2.	Study of clinical profile of systemic lupus erythematosus patients at presentation in a tertiary care hospital in Eastern India
3.	To find out the incidence of musculoskeletal manifestations of type 2 diabetes mellitus
4.	A case control study on relative contribution of disease activity and duration to atherosclerotic disease vis – a vis traditional risk factors in subjects of rheumatoid arthritis
5.	Comparative profile of type – 2 diabetes mellitus at initial diagnosis with or without Vitamin – D deficiency
6.	Study to correlate serum Vitamin D (25 – OH – VIT D) levels with eGFR in patients of chronic kidney disease
7.	Clinical and epidemiological profile of carcinoma lung at tertiary care centre
8.	Role of early fluid resuscitation in reducing severity in acute pancreatitis
9.	Study of early versus delayed neurorehabilitation in stroke and its correlation with functional outcome
10.	Clinico – epidemiological profile of polyvascular atherosclerosis in patients of established coronary artery disease
11.	A prospective study on changes of metabolic profile in patients of malaria relationship with severity & effect of anti malarial treatment on it in a tertiary care hospital, Kolkata
12.	A comparative study on metabolic changes inflammatory changes and carotid artery wall thickness in art naïve HIV positive patients with non – HIV population
13.	Role of 3D and speckle tracking echocardiography in evaluation of patients with mitral valve lesions attending MCGH, Kolkata
14.	Evaluation of cardiac function in respect to right & left ventricular function and pulmonary arterial hypertension by 2D echo cardiography in COPD patients and correlation with disease severity
15.	A longitudinal study to see renal function changes in dengue illness in patients attending a tertiary care hospital in Kolkata
16.	Clinical profile of patients presenting with late onset rheumatoid arthritis attending Medical College & Hospital
17.	Haematological changes in patients with type 2 diabetes mellitus on metformin for long duration
18.	Estimation of glucose – 6 phosphate dehydrogenase level among the healthy voluntary blood donors in a tertiary care hospital in Kolkata
19.	A study on relation between microalbuminuria and disease activity in cases of rheumatoid arthritis
20.	Study on prediction of oesophageal varices in patients of compensated cirrhosis attending a tertiary care hospital with non invasive parameters
21.	Relation between serum uric acid and gamma glutamyltransferase level with microalbuminuria in patients with type 2 diabetes mellitus
22.	Assessment of thyroid function tests in patients with compensated chronic liver diseases attending a tertiary care hospital
23.	Role of mixed tocotrienol on liver stiffness as measured by transient elastography among non alcoholic fatty liver disease patients: A randomized controlled trial
24.	A study on outcome of hepatic fibrosis in chronic Hepatitis B patients on anti – viral therapy
25.	A study of clinical and biochemical profile of hepatic and pancreatic dysfunction in dengue cases
26.	A study of the somatotype profile of female patients with recently diagnosed type two diabetes mellitus
27.	Comparison of the therapeutic efficacy between methotrexate based dual & triple therapy in rheumatoid arthritis
28.	Evolution of ischemic cerebro vascular accident and its correlation with ankle brachial pressure index in a tertiary care centre in Kolkata
29.	Impact of chronic obstructive pulmonary disease on morbidity and 30 days mortality after myocardial infarction presenting to tertiary health care facility
30.	Non – invasive parameters as a predictor of esophageal varices in chronic liver disease with portal hypertension
31.	Role of hemodialysis in determination of prognosis in paraquat poisoning in a tertiary care hospital
32.	A study to assess the prevalence of electrocardiographic abnormalities in patients of rheumatoid arthritis
33.	Study of correlation of renal function with individual components of the metabolic syndrome
34.	Study of profile of renal cortical thickness measured by ultrasonography in type 2 diabetes mellitus patients in a tertiary care hospital, Kolkata

35.	To evaluate the therapeutic efficacy of vildagliptin on microalbuminuria in type2 diabetes mellitus
36.	Incidence of metabolic syndrome in patients with graves disease under control
37.	A clinical comparison along with prediction of the outcome and prognosis of anterior and posterior circulation stroke patients admitted in tertiary care hospital
38.	Fall risk assessment in elderly and its significance
39.	Assessment of left ventricular diastolic dysfunction in chronic kidney disease patients stage3 and above
40.	A study to find a correlation between the severity of dysphagia as assessed by clinical and laryngoscopic methods and the degree of morbidity in acute stroke patients admitted in a tertiary care hospital in Kolkata
41.	Clinical profile of patients with cerebral venous thrombosis with special reference to etiology in a tertiary care hospital
42.	Correlation of carotid intima medial thickness with disease activity and duration rheumatoid arthritis
43.	Evaluation of thyroid function in autoimmune connective tissue disorder
44.	Study to assess association of c - reactive protein with nephropathy in people living with type2 diabetes mellitus
45.	A cross sectional study on nerve conduction abnormalities in prediabetics in a tertiary care centre
46.	A study to determine the impact of glycemic control on blood pressure fasting lipid profile and urine protein levels among newly diagnosed type2 diabetic patients
47.	Validating the usefulness of Doppler study of hepatic veins in predicting esophageal varices in cirrhotic patients
48.	Correlation of anti CCP antibody and rheumatoid factor in rheumatoid arthritis patients and their association with disease activity
49.	Prognostic significance of serum uric acid at the time of admission with acute ischemic stroke
50.	Clinical profile of acute myeloid leukemia patient with special reference to cytogenetic abnormality
51.	Correlation between carotid intima media thickness and carotid plaque characteristics with ischemic and haemorrhagic cerebrovascular accident
52.	Predictive ability of Framingham cardiovascular risk score in Indian population – A retrospective study in tertiary care hospital in patients with first acs
53.	Epidemiology and evaluation of adult nephritic syndrome with treatment responsiveness in different therapeutic protocol
54.	A study on clinicoepidemiological profile and determination of clinical predictors of acute kidney injury following snake bite envenomation in a tertiary care hospital in Eastern India
55.	An observational and cross sectional study on epidemiology and clinical spectrum of tuberculous meningitis admitted in tertiary care hospital in Eastern India and role of CSF CBNAAT for rapid diagnosis
56.	A study on epidemiology clinical profile & functional disability in adult patients suffering from non articular soft tissue disorders attending a tertiary care hospital
57.	Clinicoradiological and biochemical parameters in predicting outcomes of the patients of hanging attending emergency department of NRS medical college
58.	A comparative study of risk factors between hemorrhagic and ischaemic CVA in a tertiary care centre in Kolkata with special reference to lipoprotein (a)
59.	A study of serum uric acid level and risk for acute ischemic nonembolic stroke in elderly subjects
60.	An epidemiological study on different clinical presentations of subclinical hypothyroid patients in tertiary care hospital
61.	A study on epidemiology and clinical profile with special reference rheumatic manifestation of different tropical diseases in a tertiary care hospital
62.	Study of etiological distribution of anaemia in geriatric patients presented in tertiary care hospital
63.	Prevalence of hematological manifestation in systemic lupus erythematosus and its relationship with disease activity in a tertiary care centre
64.	Role of cartridge based nucleic acid amplification test (CBNAAT) in diagnosis of pulmonary and extra pulmonary tuberculosis in HIV infected patients
65.	Study of adipocyte size in patients with non – alcoholic fatty liver disease
66.	Study of adipocyte morphology and its association with metabolic complications of obesity
67.	Profile of vascular calcification in chronic kidney disease patients
68.	Study of the association between epicardial fat thickness and left ventricular dysfunction in obese patients
69.	Relevance of renal biopsy in management of patients with lupus nephritis and their follow up in a tertiary care hospital
70.	A study on adrenal function in newly diagnosed patients of pulmonary tuberculosis

71.	Study of effect of obesity on left ventricular systolic and diastolic function
72.	A study on the correlation between thyroid function and cognitive impairment in geriatric patients
73.	A study on the spectrum of clinical radiological and functional status of cases with diffuse parenchymal lung disorders in a tertiary care hospital
74.	A study on clinico – radiological profile in patients with moyamoya syndrome presenting in a tertiary care centre
75.	Association of heart failure with major geriatric syndromes in a tertiary care hospital & its implication in clinical practice
76.	Prevalence of high sensitivity c – reactive protein as biomarker of severity of heart failure
77.	Peripheral neuropathy in rheumatoid arthritis patients – A cross sectional study in a tertiary care hospital Darjeeling dist., WB
78.	Neurological manifestations of HIV infection and their comparative prevalence in HAART naïve and HAART experienced population s
79.	Assessment of liver fibrosis in an alcoholic patients by using fibroscan in a tertiary care hospital in Darjeeling Dist. WB
80.	To study echocardiographic changes in patients suffering from severe anemia in tertiary care centre of North Bengal
81.	An etiological and clinicopathological study of adult onset nephritic syndrome in a tertiary care centre of NB
82.	A study on intestinal parasitic infection in HIV positive patients in a tertiary care hospital in Bankura
83.	Comparative efficacy and tolerability of infliximab versus sulfasalazine add on methotrexate in early rheumatoid arthritis with poor prognostic factors
84.	Clinical profile and outcome of patients presented with acute febrile encephalopathy in a tertiary care hospital in Bankura
85.	Etiopathological Evaluation of pleural effusion
86.	A study of prevalence of lipid abnormalities in early rheumatoid arthritis
87.	A study on serum lipid profile and blood pressure in acute ischemic and acute hemorrhagic stroke patients admitted in MMC, Pachim Midnapore
88.	Study on cardiac dysfunction in patients of liver cirrhosis
89.	Incidence of different types of arrhythmia in acute myocardial infarction
90.	Estimation of blood and cerebrospinal fluid c – reactive protein level in differential diagnosis of bacterial / viral / tubercular meningitis in a rural based hospital in Eastern India
91.	Study of hematological profile in rheumatoid arthritis patients attending general medicine dept. of BMC &H
92.	Study on changes in ECG serum electrolyte levels uric acid levels gamma glutamyl trans peptidase levels and lipid profile levels as prognostic markers for mortality and morbidity in cases of acute onset cerebrovascular accidents
93.	Echocardiographic assessment of cardiac dysfunction in patients of chronic kidney disease attending general medicine department of Burdwan Medical College and Hospital

MD – MS : SYNOPSIS "TITLE" FOR THE SESSION 2016 – 2019

SL. NO	<i>MICROBIOLOGY</i>
1.	Study to find out the sensitivity pattern of methicillin resistant staphylococcus aureus towards newer antimicrobials in a tertiary care hospital in Kolkata
2.	Mycological profile of dermatophyte infections unresponsive to standard treatment protocol in patients attending a tertiary care hospital in Kolkata
3.	A study on the bacteriology of diabetic foot ulcer with special emphasis on MRSA and ESBL producing bacteria in a tertiary care hospital
4.	A comparative study of the different methods for isolation of bacteria in burn wound infection with its antimicrobial sensitivity pattern in a tertiary care hospital
5.	A genotypic study of phenotypically confirmed methicillin resistant staphylococcus in a tertiary care hospital in Kolkata
6.	In search of expanded dengue syndrome with clinicoserological correlation: A journey
7.	A study of bacteriological profile and antibiogram pattern of microorganisms isolated from wound infection in a tertiary care hospital, Kolkata
8.	An observational study of health care associated infections in the post caesarean section cases in a tertiary care hospital in WB
9.	Detection of anti – microbial drug resistance pattern in gram – negative bacilli isolated from clinical samples of critical care unit patients in a tertiary care hospitals
10.	A study on fungemia among the patients admitted in critical care unit of BMC GH, Burdwan, WB
11.	Comparative study of BacT / AlerT – 3D system supplemented with Vitek – 2 compact system versus conventional system for bacterial identification and antimicrobial susceptibility test (AST) of sepsis cases at a tertiary care hospital
12.	Effects of nano – silver particles on viability and cell morphology of E. coli, S. aureus, P. aeruginosa and C. albicans
13.	Evaluation of bacterial contents in some probiotic preparations
14.	Sero – diagnosis of scrub typhus among patients admitted with acute febrile illness (fever < 2 weeks) – A study in a tertiary care hospital of Kolkata
15.	Studies on duration of persistence of circulating malarial antigen HRP – 2 (P.F) & pLDH(P.v) following anti malarial chemotherapy among febrile patients attending malaria clinic of a tertiary care hospital of Kolkata
16.	Impact of anti – malarial chemotherapy on haemoglobin level among malaria positive patients attending malaria clinic in a tertiary care hospital of Kolkata
17.	Investigating the ESBL producing Escherichia coli and klebsiella pneumonia isolates from culture of clinical materials of patients from in – patient and out – patient dept. in a tertiary care hospital – An observational cross sectional study
18.	Prevalence study of herpes simplex virus – I encephalitis infection among patients with features of acute encephalitis in West Bengal
19.	A demographic and mycological profile of otomycosis cases attending in a tertiary care hospital in Kolkata
20.	A clinicomycological study of subcutaneous mycoses including mycetoma a cross sectional observational study in a tertiary care hospital Kolkata
21.	A comparative study between streamlined enhanced quantitative urine culture technique and standard urine culture technique from clinical urine specimens in a tertiary care hospital in Kolkata
22.	Prevalence of initial drug resistance in mycobacterium tuberculosis and evaluation of drug resistance by cartridge based nucleic acid amplification test in a tertiary care hospital, Kolkata
23.	Bacteriological profile and special reference to their antibiotic sensitivity pattern of respiratory samples from CCU of ventilator associated pneumonia in a tertiary care hospital, Kolkata
24.	A cross – sectional study of fungal keratitis among the cases of corneal ulcer attending ophthalmology outpatient department in a tertiary care hospital, Kolkata

MD – MS : SYNOPSIS "TITLE" FOR THE SESSION 2016 – 2019

SL. NO	<i>RADIODIAGNOSIS</i>
1.	Magnetic resonance evaluation of soft tissue tumours with HPE correlation
2.	Transcranial sonography and MR imaging of brain: A prospective comparative study of neonates with hypoxic ischemic encephalopathy
3.	Imaging of biliary pathologies by USG and MRI – A comparative study
4.	Ultrasonography and magnetic resonance imaging – A comparative study in assessment carcinoma cervix
5.	Comparison of efficacy of sonographic echogenicity and computed tomography attenuation of thyroid parenchyma in detecting subclinical thyroid dysfunction
6.	Correlation of age and body parameters with liver volume estimated by computed tomography in adult patients
7.	A study on comparative assessment of diffusion weighted imaging versus T2 flair sequences in the early diagnosis of acute viral encephalitis
8.	Role of ultrasonography and magnetic resonance cholangiopancreatography in cases of extrahepatic biliary obstruction – A comparative study
9.	Evaluation of fetal scapular length as a sonological parameter for fetal gestational age estimation
10.	Evaluation of the accuracy of MRCP over ultrasound in diagnosing the causes of obstructive jaundice
11.	A study of correlation between neuroimaging and EEG changes in seizure disorder in children six months to twelve years
12.	Role of multi slice spiral CT scan in evaluation of neck mass with clinical and cytological correlation
13.	Comparison of computed tomography urography and sonographically tailored intravenous urography in patients of urolithiasis
14.	High resolution CT scan assessment of different interstitial lung disease
15.	Computed tomographic evaluation of nose and paranasal sinus pathology to correlate pre and intraoperative findings of functional endoscopic sinus surgery
16.	Evaluation of carotid artery stenosis by high resolution ultrasonography with color Doppler study and computed tomography angiography: Comparison with digital subtraction angiography
17.	Role of diffusion weighted imaging (DWI) in magnetic resonance enterography (MRE) for evaluating disease activity in inflammatory bowel disease patients
18.	Role of diffusion perfusion weighted MRI in early axial spondyloarthritis identification of active inflammation of sacroiliac joint
19.	Role of high resolution diagnostic ultrasound to differentiate various thyroid nodules hytirads classification & ultrasound guided cytopathological correlation
20.	Preoperative assessment by MR fistulogram in patients with perianal fistula and its correlation with operative finding and postoperative outcome
21.	Correlation of white matter mapping and diffusion tensor imaging in hypoxic ischaemic encephalopathy of age in a tertiary care institution in Eastern India
22.	MRI – LS spine for symptomatic lumbar spondylosis (degenerative) clinico – radiological and EMG – NCV correlation

MD – MS : SYNOPSIS "TITLE" FOR THE SESSION 2016 – 2019

SL. NO	<i>AYURDEVA</i>
1.	Experimental (anti pyretic, antimicrobial and antimalarial activities) and clinical (antipyretic) assessment of the gunakarma of a jwarahara in different pharmaceutical forms
2.	A clinical study over the role of nisha (curcuma longa linn) amlaki (emblica officinalis gaertn.), indrayav (holarrhena antidysenterica (Roth) A. DC) reference to type II diabetes mellitus
3.	Studies on the role of agni in yakritodar
4.	A critical study over the role of vasadi kashayam and sukho virechan kriya with trivrit churna in the management of oushodhi jonyo yakrit vicar (drug induced hepatic disorders)
5.	A comparative clinical study of shodhan uttar shaman and shaman chikitsa in the management of amavata with special reference to rheumatoïd arthritis
6.	Studies on the concept of oja and its evaluation in rasavaha srotadusti
7.	Studies on the concept of vrishya WSR to asthivaha srota dusti
8.	Clinical and biochemical evaluation of medouja in prameha

MD – MS : SYNOPSIS "TITLE" FOR THE SESSION 2016 – 2019

SL. NO	<i>EPIDEMIOLOGY (MPH)</i>
1.	A study on diabetes mellitus its risk factors among adult males of a slum of Kolkata
2.	Infant and young child feeding practices in a slum of Kolkata
3.	Stigma and its association with quality of life among people living with HIV/AIDS (PLHA) attending art center in a tertiary care Institute in Kolkata
4.	Prevalence of depression among elderly population and associated factors in a slum, Kolkata, WB

SYNOPSIS "TITLE" FOR THE SESSION 2016 – 2019

SL. NO	<i>MDS</i>
1.	Comparative estimation of Vitamin A, Vitamin B12, Vitamin D3 and Vitamin E, levels in patient with recurrent aphthous stomatitis – A case control study
2.	Tacrolimus verses prednisolone: Evaluating the efficacy of the treatment in oral lichen planus by determining cellular granzyme B activity: A prospective study
3.	Changes in articular eminence height and inclination – Its relation to deep bite and open bite
4.	Correlation of cervical vertebral maturation stages with standing height of growing individuals in Bengali population
5.	Esthetic influence in relation to transverse dimension of posed smile in adult Bengali population
6.	A comparative study of incisors angulation to palatal and mandibular plane and their interrelation among angle's class I & class II Bengali population
7.	Comparative evaluation of dental and skeletal transverse dimensions in class I and class II cases in Bengali population
8.	Estimation of maxillary incisor torque: A comparison of cephalometric and photographic measurements
9.	Dimension of the infrazygomatic crest in hypo, hyper & normodivergent Bengali subjects for extra – Alveolar miniscrew insertion – A CBCT study
10.	Evaluation of the relationship between cranial base angle facial height jaw length and position in normodivergent and hyperdivergent individual a cephalometric study
11.	A comparative study of photographic and cephalometric measurements in adult female Bengalee population
12.	Relationship among different facial skeletal pattern, arch width and bolton's tooth size ratio
13.	Dermatoglyphic evaluation of different dental arch forms in Bengali population – An in vivo study
14.	A comparative evaluation of the marginal discrepancy of patterns among inlay wax, auto – polymerized acrylic resin and light cured resin
15.	A comparative evaluation of sagittal condylar guidance obtained by protrusive interocclusal record and panoramic radiographic tracing in both dentulous and edentulous patients
16.	Comparative evaluation of the amount of gingival displacement produced by different gingival retraction system: An in vivo study
17.	Prevalence of partial edentulism based on Kennedy classification and awareness of restoration among patients visiting Dr. RAD C & H
18.	Anterior loop of inferior alveolar nerve: Prevalence and length in Indian population for implant placement. A radiographic study using CBCT
19.	A study on the prevalence of temporomandibular joint dysfunction in completely edentulous non denture and denture wearers including their psychological assessment
20.	A study to assess the prevalence of most frequent combinations of arch forms, palatal vaults and posterior palatal seal in completely edentulous patients
21.	A study to evaluate the correlation between facial form, arch form and bite force in complete denture patients
22.	A study on changes in phonetics in completely edentulous patients before and after rehabilitation with conventional and customized complete dentures
23.	A study to evaluate the correlation between mesio distal width of mandibular teeth with radiological landmarks using digital panoramic radiograph
24.	A comparative evaluation of transbuccal approach and standard intra oral approach in fixation of mandibular angle fracture miniplate osteosynthesis
25.	Comparing cyanoacrylate tissue adhesive and conventional subcuticular skin sutures for maxillofacial incisions – A prospective randomized trial
26.	A comparison of open and closed reduction of mandibular condylar fracture
27.	Changes in cephalometric variables after orthognathic surgery and their relationship to patients' quality of life and satisfaction
28.	Role of computed tomography (CT) scan and magnetic resonance imaging (MRI) to detect mandibular invasion in known cases of oral squamous cell carcinoma
29.	A comparative clinical evaluation of retromandibular versus preauricular lazy sincision for open reduction and rigid internal fixation (orif) in fractures of mandibular condyle

30.	The effect of single dose postoperative submucosal and intramasseteric dexamethasone injection on lower impacted third molar surgery: A comparative study
31.	Comparative evaluation between transmasseteric anteroparotid approach and supratemporalis approach in temporomandibular joint surgeries
32.	Comparative evaluation between 2mm locking and 2mm nonlocking miniplate system for open reduction and internal fixation of mandibular fractures
33.	Comparative evaluation of pre - operative diclofenac sodium in relation to pain, swelling and trismus in case of mandibular third molar surgery - A placebo controlled study
34.	A comparative study of anesthetic efficacy of inferior alveolar nerve block: Conventional versus vazirani - akinosi closed mouth technique
35.	Centricity and transportation: An in vitro evaluation of one - shape, wave - one and hyflex EDM rotary file systems using cone beam computed tomography
36.	An in vitro study for detection of root canal isthmuses in mesiobuccal roots of human permanent maxillary first molars through CBCT & sectioning techniques
37.	Comparative evaluation of root canal morphology of human mandibular permanent incisors using decalcification technique and periapical radiographs an in vitro study
38.	Evaluation of platelet rich plasma mediated revascularization of human immature nonvital single rooted permanent teeth with / without periapical pathology: An in vivo study
39.	Morphological change in diamond coated dental burs & tungsten carbide burs after multiple uses - An in vitro scanning electron microscopic study
40.	Evaluation of efficiency of three different rotary Ni - Ti retreatment files in removal of obturating materials from root canals: An in vitro CBCT study
41.	Comparative evaluation of microcracks in root dentin caused by hand, rotary and reciprocating instrument during root canal preparation - An in vitro study
42.	Comparative evaluation of sealing ability of calcium phosphate cement resin modified GIC MTA and biodentine in furcation perforation repair - An in vitro study
43.	In vitro comparative analysis of surface roughness of three different types of composite resin after polishing with two different polishing systems using profilometer and scanning electron microscope
44.	Correlation of size and shape of sella turcica with different facial skeletal class among the children of West Bengal
45.	Early orthodontic treatment need among 6 to 9 year old children of West Bengal
46.	Assessment of child behavior in dental operatory in relation to sociodemographic factors, anxiety, body mass index and parental presence
47.	Association between parental stress and early childhood caries among 4 - 5 years preschool children of Kolkata
48.	Prevalence and different socioeconomical determinants of early childhood caries in North Kolkata
49.	Evaluation of inhibitory effect of few restorative materials on demineralization of tooth structure around restoration - An in vitro study
50.	A comparative evaluation of sealing ability of different restorative materials used as intra orifice coronal barriers in endodontically treated teeth an in vitro study
51.	Comparative evaluation of the duration of etching times to determine the efficacy and penetration depth of resin infiltration artificially demineralized teeth - In vitro study
52.	Evaluation and comparison of the status of few selective microbes within the root canal following the use of few intracanal medicaments in primarily infected root canals of young permanent teeth with open apex - A clinical trial
53.	Evaluation of expression of polarity genes DLG1 and CRB3 in oral potentially malignant disorder and oral squamous cell carcinoma in comparison to normal oral mucosa
54.	Evaluation of genetic mutation at caspase - 8 in oral squamous cell carcinoma and leukoplakia in comparison to normal oral mucosa
55.	Efficacy of natural herbal combination in the management of oral submucous fibrosis: Analysis of collagen expression and salivary metabolomics
56.	Expression of E - cadherin in oral squamous cell carcinoma and its correlation with different histopathological grades
57.	Expression of beta - catenin in oral leukoplakia and its correlation with different grades of epithelial dysplasia
58.	Expression of β - catenin in oral squamous cell carcinoma and its correlation with different histopathological grades

59.	Expression of E - cadherin in oral leukoplakia and its co - relation with different grades of epithelial dysplasia
60.	Comparative evaluation of expressions of E - cadherin and β - catenin in non dysplastic and dysplastic oral submucous fibrosis
61.	A case control study to determine the relationship between maternal periodontal condition and preterm low birth weight
62.	Polycystic ovary syndrome and its association with gingival inflammation - A clinico - haematological study
63.	Comparative evaluation of MTA and bioactive glass in the management of periodontal furcation defects - A clinico - radiological study
64.	Evaluation of genetic polymorphism of interleukin - 1 β (+3954, - 511) and interleukin - 12 β (3' UTR) in chronic & aggressive periodontitis in Bengali speaking Indo - Aryan ethnicity
65.	Management of miller's class - I & II gingival recession by human amnion / chorion composite graft, sect - graft, prf: A clinico experimental study
66.	A clinical study on manual and powered toothbrush: A comparative evaluation
67.	An in - vitro study of dissolution kinetics of bioactive glass materials
68.	A clinical study on obesity and its effects on periodontal disease
69.	Efficacy of two biodegradable material polymer based hydroxyapatite and bioactive glass fiber, as a vehicle for local drug delivery system impregnated with suitable drug in a ex - vivo condition - A comparative study
70.	Efficacy of biodegradable material as a vehicle for local drug delivery system: An animal study