

## MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2017 – 2020

SL. NO	ANATOMY
1.	Metrical and nonmetrical study of optic canals in human skulls
2.	Study of variations in the branching pattern of femoral artery in human cadavers
3.	Topography and variation of sylvian fissure and sexual dimorphism and interhemispheric dimorphism in cadaver – An Eastern Indian study
4.	Morphometric features, sexual dimorphism of clavicle and its application in estimation of stature in contemporary Bengali population – A cadaveric study

# MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2017 – 2020

SL. NO	ANEASTHESIOLOGY
1.	Role of perioperative administration of 5% dextrose in reducing the incidence of postoperative nausea and vomiting in laparoscopic surgeries: A randomized controlled trial
2.	A prospective, randomised, double – blinded comparative study between intravenous clonidine and labetalol for attenuation of hemodynamic responses associated with laryngoscopy and intubation in controlled hypertensive patients undergoing general anaesthesia
3.	Evaluation of haemodynamic responses following laryngoscopy and intubation – A comparative study between intravenous etomidate and propofol
4.	Correlation between thyromental distance and Cormack lehane’s grade in patients undergoing general anaesthesia: Prospective observational study
5.	Comparative study between two supraglottic airway devices in anaesthetized spontaneously ventilated adult patients during elective surgical procedures
6.	A comparative study of a mixture of lignocaine & tetracaine cream and a mixture of lignocaine & prilocaine cream for pain relief during venepuncture in adult patients
7.	Comparison of sedation score measured by patient state (PSI) and bispectral index (BIS) methods following administration of intravenous dexmedetomidine for targeted clinical sedation: A prospective and comparative study among surgical patients under neuraxial block
8.	Comparison of effects of spinal anesthesia on non – invasively measured central and peripheral blood pressure: A prospective observational based cross over study
9.	Intravenous mephentermine therapy for management of hypotension following spinal anesthesia for caesarean section: A prospective dose finding study
10.	Comparison of effect of general anesthesia on non – invasively measured central and peripheral blood pressure: A prospective observational based cross over study
11.	Efficacy of preoperative melatonin and ramelteon (melatonin agonist) therapy on dose requirement of propofol for induction of general anaesthesia: A comparative prospective study
12.	Comparative evaluation of dexmedetomidine vs clonidine as adjuvants to ropivacaine in ultrasound guided supraclavicular block for duration of post operative analgesia in upper limb surgery
13.	A comparative study of 2% intravenous lignocaine vs 50% intravenous magnesium sulphate in attenuation of hemodynamic stress response to endotracheal intubation
14.	Correlation of venous blood gas and pulse oximetry with arterial blood gas in critically ill patients
15.	A comparative study of the neuromuscular blocking effect of single bolus dose of cisatracurium and atracurium utilizing train of four monitoring
16.	A comparative study of ultrasound guided supraclavicular brachial plexus block with bupivacaine plus dexamethasone versus bupivacaine alone for upper limb surgeries
17.	A study of prophylactic gabapentin for prevention of postoperative nausea and vomiting in patients undergoing laparoscopic cholecystectomy
18.	Use of topical vancomycin for reduction of sterna wound infection in off pump coronary artery bypass surgery a prospective randomized blinded controlled study
19.	Comparison between etomidate and ketamine with propofol in maintaining hemodynamic stability during induction in patients undergoing elective surgeries
20.	A double blind comparative study of intravenous dexmedetomidine with clonidine as premedication for attenuation of hemodynamic response during laryngoscopy and endotracheal intubation under general anesthesia in laparoscopic abdominal surgery

21.	A comparative study of epidural versus combined spinal epidural for optimum drug requirement in lower abdominal surgeries
22.	Prophylaxis against reperfusion – induced ventricular fibrillation: A comparative study between amiodarone, lignocaine and magnesium sulphate
23.	Clinical performance of the L_ Gel versus endotracheal tube in patients undergoing abdominal laparoscopic surgery: A comparative study
24.	Efficacy of tranexamic acid in reduction of blood loss associated with total knee arthroplasty
25.	Comparison of time to intubate between ambu auragain and laryngeal tube suction vs proseal LMA in simulated difficult airway
26.	A randomised double blind study comparing intravenous esmolol and intravenous labetalol in attenuation of haemodynamic response during laryngoscopy and intubation for abdominal surgeries under general anaesthesia
27.	Comparative study of the effects of intrathecal clonidine and fentanyl as adjuvants with low dose hyperbaric bupivacaine for unilateral spinal anaesthesia in lower limb surgeries
28.	Study on duration of sensory block with dexmedetomidine or clonidine versus fentanyl as adjuvant to hyperbaric bupivacaine in spinal anaesthesia for lower limb surgery
29.	Comparison of post dural puncture headache after spinal anaesthesia for caesarean section with 25G & 27G quincke's needles
30.	Comparison of haemodynamic and analgesic effects of interscalene block with bupivacaine versus bupivacaine & dexmedetomidine for shoulder arthroscopy under general anaesthesia an observational study
31.	Efficacy of low dose ketamine in prevention of pain due to propofol injection – An observational study
32.	Comparison of ultrasonography vs. fluoroscopy guided celiac plexus block for relief of pain in chronic pancreatitis – An observational study
33.	Comparative study of intrathecal bupivacaine, bupivacaine with midazolam and bupivacaine with fentanyl for postoperative analgesia in infraumbilical surgeries – An observational study
34.	Correlation between the effects of positional changes on maternal blood pressure and hypotension after spinal anaesthesia during elective cesarean delivery: An observational study
35.	Comparison between analgesic efficacy of intra-articular instillation of local anaesthetics vs femoral nerve block in knee arthroscopy
36.	Screening for obstructive sleep apnea by standard recommended tools and its associated comorbidities in Eastern Indian surgical population
37.	Incidence of perioperative respiratory complications in patients undergoing elective open upper abdominal surgery under general anaesthesia: Smokers versus non – smokers – An Observational study
38.	Comparison between safety & efficacy of transdermal buprenorphine and fentanyl patches for the management of post operative pain following lumbar spinal instrumentation – A clinical study
39.	A comparative study of intravenous clonidine and tramadol for the control of shivering under spinal anaesthesia
40.	NAsgastric tube insertion in anaesthetized intubated paediatric patients: A comparison between conventional method and 'throat pack in – situ'
41.	A comparative study of sedation and haemodynamics of intravenous dexmedetomidine to propofol in upper limb surgery by supraclavicular brachial plexus block
42.	Study of effect of intravenous – Dexmedetomidine in reducing hemodynamic responses to general anaesthesia during elective laparoscopic cholecystectomy
43.	A comparative study of efficacy, potency and recover of intrathecal 0.5% ropivacaine with fentanyl and 0.5% levo bupivacaine with fentanyl in lower abdominal surgeries in patients 18 – 60 years of age
44.	The effect of intravenous dextrose administration for prevention of post operative nausea and vomiting after laparoscopic cholecystectomy
45.	A comparative study of femoral nerve block versus local infiltration analgesia with 0.2% ropivacaine for post – operative analgesia in anterior cruciate ligament reconstruction by knee arthroscopy
46.	Safely and efficacy of transdermal buprenorphine versus oral tramadol for the treatment of post operative pain following pain following lower limb surgery – A prospective clinical study

47.	Attenuation of haemodynamic response to laryngoscopy and intubation, using three different doses of fentanyl with induction with etomidate in patients undergoing surgery under general anaesthesia
48.	A comparison of levobupivacaine and dexmedetomidine as an adjuvant to levobupivacaine in supraclavicular brachial plexus block for upper limb surgeries
49.	Influence of different anaesthetic techniques in perioperative stress response based on serum cortisol and plasma glucose in elective lower abdominal surgery – A prospective controlled study
50.	Efficacy of pulse oximeter perfusion index for detection of success rate of supraclavicular brachial plexus block
51.	Evaluation of efficacy of povidone – iodine and chlorhexidine on disinfecting the skin prior to central neuroaxial block – a prospective randomized comparative study
52.	Evaluation of the surgical field in functional endoscopic sinus surgery (FESS) – A comparative study of propofol versus sevoflurane anaesthesia
53.	A randomised clinical trial comparing the outcome variables in general anaesthesia versus combined epidural / general anaesthesia for elective spinal surgery (thoracic and lumbar)
54.	Comparison and evaluation of dexmedetomidine vs fentanyl as adjunct to ropivacaine in lower limb and abdominal surgeries through epidural route
55.	A comparative study between bupivacaine plus fentanyl and bupivacaine plus ketamine for haemodynamic stability and prolongation of analgesia in spinal anaesthesia during elective lower abdominal surgery
56.	A comparative study between lignocaine nebulisation and magnesium sulphate nebulisation for attenuation of postoperative sore throat
57.	Comparison of medium and long chain triglyceride propofol versus standard propofol emulsion with ondansetron pretreatment on immediate and delayed pain following propofol injection
58.	Comparative study of epidural bupivacaine with butorphanol and bupivacaine with tramadol for postoperative relief in lower abdominal surgery
59.	A prospective interventional study evaluating changes in the Na <sup>+</sup> / k <sup>+</sup> ATPase enzyme activity, RBC membrane cholesterol and serum cholesterol following induction with propofol and effect on its dose requirement
60.	Comparative study of thoracic paravertebral block and general anaesthesia for post operative analgesia in elective breast surgeries
61.	A comparative study between efficacy of clonidine and dexmedetomidine used as an adjuvant to ropivacaine for brachial plexus block by supraclavicular approach for upper limb surgery
62.	Comparative evaluation of the effectiveness of co – loading versus pre – loading with ringer lactate along with ondansetron administration prior to sub arachnoid block in cesarean section for preventing intra operative hypotension
63.	Efficacy of atomized intranasal dexmedetomidine on patients comfort and sedation during awake fiberoptic intubation in unstable cervical spine fracture – A randomized placebo controlled double blinded prospective study
64.	Comparison between continuous infusion of noradrenaline and phenylephrine for preventing hypotension during cesarean delivery under spinal anaesthesia
65.	Comparison between transdermal buprenorphine and intravenous paracetamol for post operative analgesia after major plastic reconstructive surgery under general anaesthesia: A randomised double blind controlled trial
66.	Comparative evaluation of baska mask and l – gel with endotracheal tube in laparoscopic cholecystectomy: A randomised controlled study
67.	Comparative evaluation of fixed dose dexmedetomidine and esmolol infusion as an anaesthetic adjuvant during intracranial surgery for supratentorial tumour: A double blind randomized study
68.	Comparison between labetalol and dexmedetomidine infusion for hypotensive anaesthesia in middle ear surgery
69.	Evaluation of the effect of intravenous dexmedetomidine on sevoflurane anaesthesia during laparoscopic cholecystectomy: A randomised placebo controlled trial
70.	Comparative study of intranasal dexmedetomidine versus oral triclofos sodium as premedicant in children undergoing computed tomography imaging a parallel group single blind randomised controlled trial

71.	Effects of two different doses of intrathecal dexmedetomidine as an additive to bupivacaine spinal anaesthesia in patients undergoing transurethral resection of prostate
72.	A comparative study between classic and interadductor approach of obturator nerve block with ropivacaine in patients undergoing transurethral resection of bladder tumour under spinal anaesthesia
73.	A comparative evaluation of efficacy and duration of analgesia of 0.5% bupivacaine with magnesium sulphate and 0.5% bupivacaine alone in patient under going upper limb surgery by supraclavicular brachial plexus block
74.	Effect of dexmedetomidine infusion on sevoflurane requirement in patients undergoing laparoscopic cholecystectomy
75.	A comparative double blind study for attenuation of cardiovascular response to laryngoscopy and endotracheal intubation with different doses of esmolol hydrochloride
76.	Comparison between prophylactic dexmedetomidine and magnesium sulphate infusion in spinal anaesthesia for peri – operative shivering
77.	Comparative study of ropivacaine with dexmedetomidine and ropivacaine alone in patients undergoing upper limb orthopedic surgery by supraclavicular brachial plexus block
78.	A comparative study between intrathecal dexmedetomidine and fentanyl as an adjuvant to intrathecal 0.5% hyperbaric bupivacaine for perioperative analgesia in infraumbilical orthopaedic surgeries: A double blind controlled study
79.	A comparative study of oral clonidine versus gabapentin as premedication for attenuation of stress response to intubation and pneumoperitoneum in laparoscopic cholecystectomy
80.	Intrathecal 1% 2 – chloroprocaine vs 0.5% bupivacaine in infraumbilical surgeries of short duration: An observational study
81.	A comparative study between intrathecal dexmedetomidine and nalbuphine as an adjuvant to hyperbaric bupivacaine in infraumbilical surgeries
82.	A comparison between general anaesthesia and combined spinal epidural anaesthesia on serum cortisol level in upper abdominal surgeries: An observational study
83.	Comparison between intravenous lidocaine & intravenous dexmedetomidine in preventing intubation response during direct laryngoscopy in optimize hypertensive patients undergoing gall bladder surgery
84.	A comparative study between effects of height and weight adjusted dose and a fixed dose of intrathecal hyperbaric bupivacaine in patients undergoing caesarean section
85.	Comparative assessment of I Gel and LMA proseal for airway management in controlled hypertensive patients posted for short surgical procedures
86.	A comparative study among four different techniques of LMA insertion in adults
87.	A comparative study between tramadol and paracetamol as an adjuvant to lidocaine for intravenous regional anaesthesia
88.	A comparative study between dexmedetomidine and propofol in patients undergoing middle ear surgeries under monitored anaesthesia care
89.	The effect of verapamil as an adjuvant with levobupivacaine on quality of supraclavicular brachial plexus block; A comparative study
90.	A comparison between median and paramedian approach to spinal anaesthesia with respect to post – dural puncture headache in patients undergoing caesarean section
91.	Effect of magnesium as an adjuvant to levobupivacaine in femoral nerve block for postoperative analgesia in patients undergoing anterior cruciate ligament reconstruction surgery
92.	A comparative study between ropivacaine with potassium chloride versus ropivacaine alone for supraclavicular brachial plexus block in upper limb surgery
93.	A comparative study between epidural levobupivacaine (0.5%) and low dose butorphanol (0.5%) for perioperative analgesia in patients undergoing elective lower abdominal surgeries
94.	A double blind comparative study to compare intranasal dexmedetomidine with midazolam as pre medication in paediatric patients
95.	A comparative study of efficacy of ropivacaine and ropivacaine plus fentanyl given via single shot caudal epidural analgesia for infraumbilical surgeries in paediatric patients
96.	A comparative evaluation of propofol – ketamine and propofol – fentanyl as total intravenous anaesthesia technique in terms of

	haemodynamic variables and recovery characteristics in minor surgeries
97.	Comparison of haemodynamic effect of spinal anaesthesia and dose response to IV phenylephrine between mild preeclamptic mothers and healthy parturients undergoing emergency cesarean delivery
98.	Comparison of effectiveness among ondansetron, palonosetron and granisetron in preventing post operative nausea and vomiting following laparoscopic cholecystectomy
99.	Effect of two different priming doses of cisatracurium in addition to its bolus dose: A randomised double blind controlled trial
100.	Comparative study of the effects of dexmedetomidine and butorphanol as epidural adjuvants in lower limb orthopaedic surgery under intrathecal levobupivacaine anaesthesia
101.	Comparison of chloroprocaine and levobupivacaine for spinal anaesthesia in patients undergoing unilateral knee arthroscopy
102.	A comparative study of postoperative analgesic efficacy between intravenous diclofenac and intravenous paracetamol administered intraoperatively just before extubation in laparoscopic cholecystectomy surgery
103.	A comparative study between effects of intravenous esmolol and fentanyl for attenuation of hemodynamic responses to laryngoscopy and endotracheal intubation under general anaesthesia
104.	Comparative study of 0.5% levobupivacaine (heavy) comined with 4ug dexmedetomidine versus racemic mixture of 0.5% bupivacaine combined with 4ugm dexmedetomidine intrathecally for elctive infraumbilical surgery
105.	A comparative study between levobupivacaine and levobupivacaine with dexmedetomidine for supraclavicular brachial plexus block in upper limb surgeries
106.	A study on the relationship between the intraoperative regional cerebral oxygen saturation trends and cognitive decline after lower limb surgeries in elderly patients
107.	A comparative observational study of intrathecal bupivacaine – fentanyl, bupivacaine – midazolam and bupivacaine alone in prevention of nausea – vomiting during caesarean delivery under subarachnoid block
108.	Comparative evaluation of apache – II and sofa score to predict hospital mortality in intensive therapeutic unit
109.	Comparison of success rate of internal jugular venous cannulation either by landmark based versus ultrasound guided technique in cardiac surgical patients – A prospective randomized double – blind controlled trial

## MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2017 – 2020

SL. NO	BIOCHEMISTRY
1.	Association of Vitamin 'D' level and its correlation with prostate cancer
2.	Level of sex steroids (serum estrogen, serum progesterone and serum testosterone) in alzheimer's disease
3.	Study of serum bile acid levels in subjects of type 2 diabetes melitus
4.	Study of changes in serum lipid profile in hypothyroid subjects analysed on the background of their serum 25 – hydroxyl Vitamin – D status
5.	Prevalence of anaemia and erythropoietin deficiency in early diabetic nephropathy and its correlation with microalbuminuria
6.	Body iron profile and its relation to metabolic syndrome and insulin resistance in type2 diabetes
7.	Study of C peptide level as a measure of beta cell function in newly diagnosed & treated cases of type2 diabetes mellitus
8.	Role of ischaemia modified albumin in association of thyroid function with coronary artery disease
9.	Study of serum Vitamin B12 homocysteine and malondialdehyde level in patients with prostate cancer and benign prostatic hyperplasia
10.	Study of serum electrolytes with particular reference to serum magnesium in bronchial asthma patients
11.	Study on serum nitric oxide and hydrogen sulphide in essential hypertension
12.	A comparative study of small density LDL particle in type 2 diabetes mellitus patients without any micro or macrovascular complication and healthy controls in a tertiary care hospital
13.	Evaluation of serum oxidative stress, vitamin B12 and homocysteine levels in preeclamptic pregnant women
14.	Relation of body iron stores to glycaemic control and duration of the disease in type 2 diabetes mellitus

## MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2017 - 2020

SL. NO	COMMUNITY MEDICINE
1.	A study on anti – malarial measures in Kolkata municipal corporation area, West Bengal

2.	Adherence to physician's advices and its influencing factors among type 2 diabetes mellitus patients attending diabetic clinic of BSMC &H, Bankura
3.	Nursing personnel needs assessment for rural hospital & block primary health centre in Darjeeling Dist., West Bengal applying WHO's workload indicators of staffing need (WISN) method.
4.	Occupational ventilatory defects among workers employed in tea gardens, a cross sectional study in Siliguri sub – division of Darjeeling Dist., West Bengal
5.	Gender differentials in nutritional status and care received by 1 – 5 years old children in a rural area of Purba Bardhaman Dist., WB
6.	Community based assessment of unintentional injuries in a community development block of Purba Bardhaman Dist., WB
7.	Prevalence of depression, anxiety, stress and their correlates among high school students in rural areas of Purba Bardhaman Dist., West Bengal: A cross sectional study
8.	A cross sectional study on dental caries and other dental health status among elderly population in a community development block of Purba Bardhaman Dist., WB
9.	A study on knowledge, attitude and practice regarding prevention of commonly occurring cancers among adult population in Baghbazar slum, Kolkata
10.	A study on stress, anxiety and depression among postgraduate medical students of R G Kar Medical College, Kolkata
11.	A study on feeding practices, nutritional status and morbidity profile of under five children in a slum of Kolkata
12.	A study on abortion cases admitted in R G Kar Medical College and Hospital
13.	A study of clinical determinants of intrauterine growth restriction and molecular regulators of placental development in antenatal mothers attending Calcutta National Medical College and Hospital
14.	A study to assess the co – morbidities and risk factors in couples suffering from infertility attending gynecology OPD at a tertiary care hospital in Kolkata
15.	A study of adherence to treatment of tuberculosis patients among tribal population as compared to non tribals in a region of Eastern India
16.	A study to assess the relationship between different covariates and clinical and other parameters of osteoporosis among female patients attending Calcutta National Medical College and Hospital
17.	A study of the current status of targeted intervention under national AIDS control program (NACP) phase IV among long – distance truckers in WB
18.	A prospective study of patient profile of newly diagnosed cases of unipolar depression among young adults in Calcutta National Medical College & Hospital, second campus
19.	A cross sectional study on indoor air pollution and its health impact on women and children in a slum area of Kolkata
20.	A study on health status and healthcare seeking behaviour of a scheduled tribe community residing in a municipal area of North 24 Parganas District in West Bengal
21.	A study on morbidity pattern and health care seeking behaviour of elderly in a rural community of West Bengal
22.	A cross – sectional study to assess utilization of maternal and child health care services under RMNCH+A programme in slums of Kolkata, West Bengal
23.	An epidemiological study on health status of truck drivers in Dankuni area, Hooghly, WB
24.	A study on infertility and quality of life among patients attending gynaecology outpatient department of a tertiary care hospital in Kolkata, WB
25.	A study on health related quality of life among rheumatoid arthritis patients attending outpatient department of a tertiary care hospital, Kolkata
26.	A study on knowledge, attitude and practice (KAP) of male barbers regarding blood – borne viral infections and its factors in a block of West Bengal
27.	A study on occupational hazards and morbidity profile among garment factory workers in East Midnapore District, WB
28.	Study on utilization of janani suraksha yojana in a rural community of West Bengal



## MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2017 – 2020

SL. NO	DERMATOLOGY
1.	Pattern of paediatric dermatoses – A cross sectional observational study in a tertiary institution of Eastern India
2.	A study on ECG changes in patients of psoriatic erythroderma attending dermatology dept. in a tertiary care institute in Eastern India
3.	Lichen planus and its association with metabolic syndrome: An Observational study

4.	Efficacy and safety of narrowband phototherapy in the treatment of generalized eczema
5.	Evaluation of the effects of WHO fixed duration treatment on Hansen disease patients: The clinical, bacteriological and quality of life assessment of the patients
6.	A clinico – epidemiological study of cutaneous adverse drug reactions in a tertiary care center of Eastern India
7.	Profile of psychiatric morbidity among the psoriasis patients attending out patient Dept. of Dermatology, Bankura Sammilani Medical College, Bankura
8.	A clinico epidemiological study among patients of leprosy with lepra reactions in dermatology outpatient department (OPD) in Bankura Sammilani Medical College and Hospital, Bankura
9.	Knowledge – attitude – practices regarding leprosy and its management among leprosy patients, their relatives and the medical interns: An institution based cross – sectional study
10.	Palmoplantar dermatoses: A clinicoepidemiological study
11.	Nerve involvement in leprosy: A clinical and electrophysiological study
12.	The koebner phenomenon in vitiligo: A clinical study
13.	Early onset vs late onset psoriasis: Comparative study of clinical variables and association with HLACW6
14.	A cross sectional study on quality of life in patients with non sexually transmitted genital dermatoses in tertiary care center of Eastern India
15.	Genetic association of caspase recruitment domain – 14 (Card – 14), exonic variant with psoriasis and cardiovascular comorbidities – A case control study in a tertiary care hospital in Eastern India
16.	A clinico – demographic study of childhood vitiligo and its association with thyroid dysfunction in a tertiary care referral centre in Eastern India
17.	An observational study on dermatological manifestations in patients with rheumatoid arthritis attending a tertiary care referral centre of Eastern India
18.	Association of metabolic syndromes in patients with lichen planus in a tertiary care hospital of Eastern India: A cross sectional observational study
19.	Clinico – demographical profile of perineal dermatoses: A cross – sectional observational study from a tertiary care hospital in Eastern India
20.	Clinico demographical profile of genital ulcers: A cross sectional observational study from a tertiary care hospital in Eastern India
21.	Clinico epidemiologic profile of melasma among patients attending dermatology outdoor in a tertiary care hospital with special reference to dermatoscopy
22.	Pattern of non – venereal genital dermatoses in adult male – A clinical study in a tertiary care centre
23.	A clinico – epidemiological study of leprosy patients attending skin OPD in a tertiary care hospital in West Bengal
24.	A comparative study between autologous platelet rich plasma monotherapy vs autologous platelet rich plasma (PRP) therapy plus topical 5% minoxidil in male androgenetic alopecia
25.	A clinico – epidemiological study of cutaneous tuberculosis in a tertiary care hospital in West Bengal
26.	A clinicoepidemiological study of acquired hyperkeratotic lesions of the palms and soles and the role of dermoscopy in evaluating them in a tertiary care referral centre in Eastern India

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2017 – 2020

SL. NO	FORENSIC MEDICINE
1.	Epidemiological study of alleged homicidal cases autopsied in the mortuary of the department of forensic medicine and toxicology, North Bengal Medical College
2.	Study of the cases of decapitation injury brought by Railway Police

3.	Study of histopathological changes of stomach, liver and kidney organs in autopsy cases of organophosphorus poisoning in Midnapore Medical College & Hospital mortuary
4.	Autopsy based study of correlation of span of outstretched upper limbs including hands, suprasternal notch to symphysis pubis length & vertex to symphysis pubis length with stature of adult subjects coming to Kolkata Police Morgue

## MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2017 – 2020

SL. NO	OBST. & GYNAE.
1.	Comparative study of intrauterine insemination Vs fallopian tube sperm perfusion in management of non tubal infertility
2.	An observational study of pregnancy outcomes in patients with intrahepatic cholestasis of pregnancy
3.	Outcome of controlled ovarian hyperstimulation and intra uterine insemination in a tertiary medical college and hospital in Kolkata
4.	Comparison between screening tests for detection of gestational diabetes mellitus by using fasting and non fasting oral glucose tolerance test
5.	Evaluation of acceptability, safety and efficacy of PPIUCD – A prospective observational study
6.	Evaluation of culture, molecular assay (TB – PCR), genexpert MTB / RIF system and histopathology for the detection of genital tuberculosis
7.	Evaluation of effects of levonorgestrel releasing intrauterine system in heavy menstrual bleeding

8.	A prospective randomised comparative study between controlled release dinoprostone vaginal insert and dinoprostone gel with unfavourable bishop score: An analysis of 200 cases
9.	Assessment of efficacy of vaginal dinoprostone gel to ripen the cervix and to relate bishops score with induction of labour in terms of vaginal delivery
10.	A randomized controlled trial comparing chlorhexidine – Alcohol with povidone – iodine as skin antiseptic agent at cesarean delivery
11.	A prospective study to assess the efficacy and safety of dienogest in treatment of endometriosis associated pelvic pain
12.	Preparation of vagina with povidone Iodine before caesarean section to reduce post operative infectious morbidity: A randomized study
13.	A comparative study between subcuticular suture polygalactin910 versus poliglecaprone25 for skin closure after cesarean delivery
14.	A study of placental morphological changes in hypertensive disorders in pregnancy in comparison to normotensive pregnancies attending North Bengal Medical College & Hospital
15.	Mode of delivery and feto – maternal outcome of breech presentation at term amongst antenatal mothers attending North Bengal Medical College: A prospective observational study in a tertiary centre
16.	A descriptive study on histopathology of fallopian tubes obtained at tertiary care hospital in North Bengal
17.	Safety and efficacy of isosorbide mononitrate Vs misoprostol as pre – surgical cervical ripening agent before first trimester surgical evacuation by manual vacuum aspirator: A comparative study
18.	A comparative study between oral nifedipine versus intravenous labetalol to control severe hypertension in women with preeclampsia at and beyond 28 weeks of gestation
19.	A cross sectional study on peripartum hysterectomies in a rural tertiary health centre of Darjeeling District
20.	A comparative study between intra – cervical foley’s catheter bulb and dinoprostone gel versus dinoprostone gel alone for cervical ripening and induction of labour
21.	Comparison of maternal and perinatal outcome between cesarean delivery before labour and cesarean delivery following induction of labour a term
22.	A study of feto – maternal outcome in severe gestational hyper tension and preeclapsia after 34 completed weekly of gestation in a tertiary care centre
23.	A study on postpartum complication of pre – eclampsia mother admitted in a tertiary care centre
24.	A study on feto – maternal outcome among elderly pregnant women during intrapartum and postpartum period in a tertiary care centre
25.	A prospective clinical study on fetomaternal outcome in pregnancy with jaundice in BSMC &H, Bankura
26.	Comparative study on serum calcium and magnesium levels amongst healthy pregnant women, preeclampsia and eclampsia mothers attending BSMC &H, Bankura
27.	Doppler study among high risk mothers in late second trimester for predicting vulnerability of preeclampsia
28.	A prospective observational study of gestational trophoblastic diseases in a tertiary care centre
29.	Study on feto – maternal outcome among women with postdated pregnancies in BSMC &H
30.	A randomized controlled trial comparing oxytocin administration before and after placental of postpartum hemorrhage in a tertiary care hospital in Bankura Dist. of WB
31.	A prospective comparative observational study between abdominal hysterectomy and non – descent vaginal hysterectomy
32.	Study on ovarian tumours in patients aged upto 20 years in a tertiary care centre
33.	Comparison of pregnancy outcome between continuation and discontinuation of oxytocin infusion during active phase of labour
34.	A study of intra – caesarean section insertion of CU – T380A to evaluate its update and outcome
35.	A comparative study on fetomaternal outcome among first stage versus second stage caesarean deliveries in Bankura Sammilani Medical College
36.	Prevalence and risk factors for pelvic organ prolapsed in both symptomatic and asymptomatic women – a cross sectional study in Midnapore Medical College & Hospital

37.	Intrauterine balloon tamponade for control of severe postpartum haemorrhage
38.	Maternal and fetal outcome of pregnancy with one prior caesarean section – A prospective and observational study in Midnapore Medical College
39.	A study to compare the effectiveness of orally administered nifedipine and intravenously administered labetalol for control of blood pressure in hypertensive emergencies of pregnancy in a tertiary care hospital of WB
40.	Spot urinary protein – creatinine ratio and uterine artery Doppler in early second trimester for prediction of preeclampsia
41.	A prospective study to evaluate the effect of low dose mifepristone on uterine leiomyoma
42.	A prospective observational study of foetal – maternal outcome in patients presenting with intrahepatic cholestasis of pregnancy
43.	Prediction of early pregnancy failure by transvaginal ultrasonography in first trimester
44.	Maternal and fetal outcome in antepartum haemorrhage: A prospective study at tertiary care hospital
45.	A prospective observational study of low lying placenta diagnosed on second trimester ultrasonography and its fetomaternal outcome
46.	A comparative study between intravenous iron sucrose therapy and oral iron therapy in women in third trimester of pregnancy with iron deficiency anaemia
47.	A comparative prospective observational study on use of ulipristal acetate versus use of mifepristone in reduction of the size of uterine leiomyoma
48.	A study of maternal serum beta – HCG and lipid profile in early (14 – 18) week and late second trimester (24 – 28) week as predictor of PIH
49.	Role of ultrasonography and endometrial biopsy in evaluation of perimenopausal abnormal uterine bleeding
50.	Identification of risk factors and causes of perinatal asphyxia in an urban teaching hospital
51.	Feto maternal outcomes in intrahepatic cholestasis of pregnancy
52.	A comparative study of intravenous ferric carboxymaltose versus oral ferrous sulfate in iron deficiency anaemia in post partum women
53.	Comparison between two methods of induction of labour: Intracervical foley's catheter with extra amniotic saline infusion versus intracervical dinoprostone gel
54.	Investigations and management of women presenting with reduced fetal movements
55.	Comparative study of prevalence and foetal – maternal outcomes of subclinical hypothyroidism versus euthyroid in pregnancy
56.	Role of multivessel color Doppler for antenatal assessment of fetal well being in high – risk pregnancies
57.	Comparison between early versus conventional late oral feeding practice after caesarean delivery performed under spinal anaesthesia
58.	Trial of vaginal delivery after caesarean section at a tertiary care centre
59.	Evidence of organ dysfunction in preeclampsia and its correlation with maternal and fetal outcomes
60.	Comparison of the efficacy of foley catheter Vs PGE2 gel for cervical ripening of unfavourable cervix in induction of labor at term pregnancy
61.	A comparative study between mifepristone alone versus combination of mifepristone and misoprostol for induction of labour in case of intrauterine fetal death
62.	Study comparing one step versus two step method of screening for gestational diabetes mellitus and its clinical implication (fetomaternal outcome)
63.	A quality improvement study on implementation of partograph and its effect on clinical outcome
64.	Study on effectiveness of single dose of intramuscular depot medroxyprogesterone acetate immediately after abortion to achieve healthy timing and spacing of pregnancy
65.	Effect of vaginal PH on efficacy of dinoprostone gel for labour induction
66.	Role of anti – mullerian hormone as a diagnostic and prognostic tool in PCOS
67.	Feto – maternal outcome in jaundice during pregnancy
68.	Cord serum albumin is compared with cord serum bilirubin as a risk indicator in a case of neonatal hyperbilirubinaemia after

	induction of labour with oxytocin
69.	A comparative study on efficacy and safety of two preparations of dinoprostone (gel versus pessary) in labor induction at term
70.	A study to assess the status of serum ferritin, CRP and insulin levels in first trimester of pregnancy as a predictive biomarker of gestational diabetes mellitus
71.	Predictors of pregnancy in a couple with unexplained infertility followed by ovarian stimulation and intra – uterine insemination
72.	Evaluation of adnexal masses – correlation of clinical presentation, sonographic assessment and histopathological findings
73.	Thyroid function test and prolactin levels in polycystic ovarian syndrome: A cross – sectional study
74.	Letrozole Vs clomiphene citrate in ovulation induction and pregnancy: An open label, randomized, parallel group, clinical trial
75.	A cross sectional study on the correlation of serum Vitamin D, calcium and CA – 125 levels with stage and symptoms of endometriosis
76.	A study on acceptance and compliance of DMPA (Depot Medroxy Progesterone Acetate) for post partum contraception in a tertiary care centre in Eastern India
77.	A study on epidemiology and management of molar pregnancy in a tertiary care hospital
78.	A comparative study of serum Vitamine D3 level in cases of spontaneous abortion following proven cardiac activity of embryo / fetus with relation to normal ongoing pregnancies
79.	Study of presenting symptoms and stage of disease in patients with ovarian carcinoma during first diagnosis
80.	A comparative study of postpartum intra – uterine contraceptive device and injectable depot – medroxy progesterone acetate as postpartum contraceptive method in a tertiary care hospital
81.	Clinical and neuroimaging evaluation in severe preeclampsia and eclampsia with obstetric outcome
82.	A study on bilateral uterine and ovarian artery ligation: A procedure to control postpartum haemorrhage during caesarean section
83.	A comparative study of non descent vaginal hysterectomy with vasopressin injection and without vasopressin injection
84.	A study of early pregnancy Vitamin D status and risk of pre - eclampsia
85.	Evaluation of morbidly adherent placenta amongst all cases of placenta previa – A prospective study in a tertiary care centre
86.	A comparative study of clomiphene citrate and letrozole in ovulation induction in infertile women polycystic ovarian syndrome
87.	A comparative study of immediate postpartum intrauterine contraceptive device insertions in caesarean sections and following vaginal deliveries
88.	Acute kidney injury in obstetrics – etiological factors, maternal and perinatal outcome
89.	A prospective study on the efficacy of the laparoscopic uterosacral nerve ablation (LUNA) in the treatment of chronic pelvic pain
90.	A study of induction of labour with single balloon foley catheter in cases with unfavourable
91.	Evaluation of cases of gestational trophoblastic disease in a tertiary care centre – A prospective study
92.	A prospective observational study of fetomaternal outcome in cases of jaundice in pregnancy in a tertiary care hospital
93.	A prospective observational study of maternal near miss cases attending a tertiary care hospital
94.	A comparative study of feoto maternal outcome between vaginal birth after caesarean section and repeat caesarean section delivery
95.	Hysterolaparoscopic evaluation infertile women attending in a tertiary care centre – A prospective observational study
96.	A comparative study between clomiphene citrate and letrozole in ovulation induction in polycystic ovarian syndrome
97.	A comparative study of the efficacy of ormeloxifene and norethisterone in selected group of abnormal uterine bleeding
98.	A comparative study of sublingual, oral and vaginal administration of misoprostal in the management of missed abortion
99.	Risk of malignancy index in the preoperative evaluation of patients with adnexal mass among perimenopausal and postmenopausal women
100.	A prospective study to evaluate maternal and fetal outcome of oligohydramnios
101.	A study to observe effects of low dose mifepristone in symptomatic uterine myoma
102.	Efficacy and safety of intravenous paracetamol versus intramuscular tramadol hydrochloride as intrapartum analgesic: A



	randomised controlled study
103.	A case control study on the association of maternal serum homocysteine level with the severity of preeclampsia
104.	Prediction of adverse maternal and fetal outcomes in pre – eclampsia by using the fullpiers model
105.	Estimated fetal weight at term pregnancy: Comparison of clinical method versus sonography and its correlation with actual birth weight
106.	Comparison of subcuticular suture type for skin closure after caesarean delivery an observational study
107.	Early versus late onset eclampsia – Is there any difference in risk factors and maternal – perinatal outcome (An observational study)
108.	Perinatal outcome of preterm labour with and without prelabor rupture of membrane an observational study
109.	A prospective observational study of rate of expulsion between postplacental vaginal insertion and intracaesarean insertion of copper – T 380A intrauterine device
110.	Middle cerebral artery Doppler reference centile charts for the prediction of foetal anemia in a population from West Bengal, India
111.	Comparison between copper T380 intra uterine device and copper 375 intra uterine device in early post partum insertion
112.	Gynaecological problems of adolescent girls attending outpatient department at tertiary care centre prospective observational study
113.	A prospective study of incidence, indications and maternal outcome of obstetrics hysterectomy
114.	Neonatal and maternal outcome in antepartum hemorrhage
115.	Study of levonorgestrel releasing intrauterine system (mirena) in compare to medroxyprogesterone acetate as a therapy for endometrial hyperplasia
116.	Outcomes of different therapies (medical & surgical) in post partum haemorrhage – A hospital based observational study
117.	An observational study of fetomaternal outcome in cases of abruption placentae
118.	Comparative evaluation of hysterosalpingography and laparoscopy for determination of tubal factors in case infertile women
119.	Scalpel versus electrocautery for sub – cutaneous incision in elective gynaecological surgeries: A prospective observational comparative study
120.	A study on association between endometriosis and adenomyosis in patients attending a tertiary care centre
121.	A prospective comparative study of letrozole and clomiphene citrate in ovulation induction in women having PCOS
112.	Assessment of post cesarean scar in pregnant woman with the help of ultrasonography and histopathology
123.	A prospective observational study of thyroid dysfunction in women with abnormal uterine bleeding having clinically euthyroid status
124.	Determination of causes of abnormal uterine bleeding in reproductive age women (15 – 45 yrs) based on palm – coein classification in a tertiary care centre
125.	Estimation of the association of foeto – maternal complications with placental position as detected by ultrasonography between 24 – 36 weeks of gestation
126.	Routine subcutaneous drain versus no drain in caesarean section for obese women - A prospective, observational comparative study
127.	Comparative study of maternal and neonatal outcome of elective induction of labour Vs expectant management at 40 – 40 + <sup>6</sup> weeks of gestation
128.	Laparoscopic evaluation of female infertility cases in a teaching institution in Eastern India – An observational study
129.	Skin closure at caesarean delivery by glue Vs subcuticular sutures: A comparative study
130.	A prospective observational study to evaluate association of crown rump length and first trimester fetal growth velocity with intrauterine growth restriction

131.	A clinical study of prevalence of gestational diabetes mellitus and associated risk factors at a tertiary care referral centre in West Bengal
132.	Comparative study of spot urinary albumin to creatinine ratio versus 24 hours urinary protein and their association with fetomaternal outcomes in preeclampsia
133.	Colour Doppler ultrasonography along with CA – 125 levels in preoperative differentiation of benign and malignant ovarian tumours
134.	Study of clinical and etiological profile and outcome of cerebral venous thrombosis in pregnancy and puerperium in a tertiary care hospital in Eastern India
135.	An analytical study to compare relation of endometrial thickness, dominant follicular count and conception rates in intra – uterine insemination following ovulation induction by clomiphene citrate Vs letrozole
136.	Comparative evaluation of mifepristone 10mg vs. 25mg in the management of symptomatic uterine fibroid – A randomized controlled trial
137.	Observational study of thyroid disorder with abnormal uterine bleeding in a tertiary care hospital
138.	Clinical and biochemical characteristics of non obese and obese PCOS patients – An analytical observational study
139.	A study on impact of maternal overweight and obesity on pregnancy outcome
140.	A study of knowledge attitude and practice of contraception among antenatal mother attending antenatal clinic of BMC &H, Burdwan
141.	A comparative prospective observational study on use of ulipristal acetate versus use of mifepristone in reduction of the size of uterine leiomyoma

## MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2017 – 2020

SL. NO	OPHTHALMOLOGY
1.	Comparative analysis of ranibizumab versus biosimilar ranibizumab in clinically significant diabetic macular oedema
2.	Ocular Manifestations among newly diagnosed tuberculosis patients receiving anti – tubercular therapy under revised national tuberculosis control programme (RNTCP): A prospective study
3.	The clinical spectrum of HIV associated ophthalmic disease among the patients enrolled for anti retroviral therapy and its correlation with CD4 – T cell count – A cross sectional study

4.	Factors associated with visual outcome after traumatic hyphema following closed globe injury due to blunt trauma: Tertiary care center study
5.	Assessment of risk of coronary artery disease by United Kingdom prospective diabetes study cardiac risk calculator among type2 diabetes mellitus patients with diabetic retinopathy
6.	Correlation of sleep quality assessed by pittsburg sleep quality index with diabetic retinopathy in type 2 diabetes mellitus patients
7.	A comparative study on variation of optical coherence tomography measured retinal nerve fibre layer thickness in myopic, emmetropic & hypermetropic teenagers
8.	A cross – sectional study on ocular morbidities seen in thalassemic children of 6 – 12 years attending MMC &H, Midnapor
9.	Study on immediate effect of intravitreal injection ranibizumab on intraocular pressure
10.	A clinical study to evaluate the correlation between the central corneal thickness and diabetes mellitus
11.	A study on visual evoked potential changes in patients with blunt ocular trauma
12.	A clinical study of visual outcome and complications in ND: Yag laser capsulotomy in posterior capsular opacity
13.	A comparative study between the outcome of using autologous blood clot and 10 – 0 nylon suture for conjunctival limbal autograft fixation in pterygium surgery in adults
14.	Study on effects of topical application of drug in glaucoma on ocular surface
15.	A comparative study on efficacy of treatment and effects on intra ocular pressure by topical loteprednol etabonate (0.5%) versus fluorometholone acetate (0.1%) in vernal keratoconjunctivitis
16.	A prospective observational study on retinopathy of prematurity in low birth – weight babies at a tertiary care centre of West Bengal
17.	A comparative study of use of nylon suture and suture less glue free technique in conjunctival autograft transplantation following pterygium excision
18.	Observational study of ocular manifestations of HIV patients coinfectd with tuberculosis
19.	Ocular manifestations and visual outcomes in patients with herpes zosterophthalmicus: A prospective observational study from a tertiary care hospital of Eastern India
20.	A study on ocular manifestations of tuberculous meningitis patients in a tertiary care hospital
21.	A comparative analysis of various intraocular lens power calculation formulae to achieve emmetropis following cataract surgery by phacoemulsification
22.	To evaluate peripapillary and macular retinal nerve fibre layer thickness in different grades of myopia
23.	Comparative analysis of preoperative and postoperative corneal astigmatism after phacoemulsification cataract surgery using 2.8mm uniplanar clear corneal incision in two different meridia
24.	Prevalence of retinopathy of prematurity associated with high risk pregnancy: A retrospective cohort study in a tertiary care hospital
25.	Change in refractive status following pterygium surgery with bare sclera technique versus conjunctival autografting in a tertiary eye care centre: A Comparative study
26.	Central corneal thickness and intraocular pressure changes after congenital cataract surgery – A prospective study
27.	Diurnal variation in intraocular pressure before and after laser peripheral iridotomy in patients with primary angle closure disease: A prospective observational study
28.	Total or subtotal replacement of tarsal plate by silicon plate upper eyelid reconstruction in malignant tumour
29.	A comparative study on fixed dose combination of brimonidine 0.2% and timolol 0.5% vs. monotherapy brimonidine or timolol in patients with primary open angle glaucoma

30.	Assessment of dry eye in patients of primary open angle glaucoma under topical timolol maleate (0.5%) compared to controls: A prospective study
31.	A comparison of visual and anatomical outcome between pars plana vitrectomy alone and pars plana vitrectomy with scleral buckling in rhegmatogenous retinal detachment
32.	Study of correlation of early postnatal weight gain with development of retinopathy of prematurity using winrop tool and severity of retinopathy of prematurity
33.	Prospective study of post – operative cystoid macular edema (pseudophakic cme) and role of intravitreal injection ranibizumab in it's management
34.	Clinical types of diabetic macular edema which show response to injection intravitreal anti – vascular endothelial growth factor
35.	A study on the effect of diabetes mellitus on central corneal thickness and intraocular pressure in patients attending a tertiary care hospital in Kolkata, India
36.	Prevalence of colour vision abnormality among school going children attending a tertiary eye care centre
37.	A study of prevalence of retinopathy of prematurity and its risk factors in infants attending tertiary care hospital
38.	A clinical study to evaluate the relationship of blood lipid profile, HBA1C and urine microalbumin levels with the stages of diabetic retinopathy and its treatment
39.	Effect of cataract surgery on intraocular pressure in nonglaucomatous patients – A prospective study
40.	Mechanical corneal injuries and their visual outcome in patients attending a tertiary care hospital in Eastern India

## MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2017 – 2020

SL. NO	ORTHOPEADICS
1.	Study on association between outcome of dynamic HIP screw fixation in intertrochanteric fracture with lateral femoral wall thickness
2.	Rotational and varus stability after re – constructions of posterolateral corner injury of the knee by laprade and arciero technique – A comparative study
3.	An observational study on minimally invasive plate osteosynthesis for humerus diaphyseal displaced fractures
4.	Comparison of outcome between hook plate fixation and ligament reconstruction for acute acromioclavicular joint dislocation
5.	Comparison of outcome among patients with acetabular fractures managed by two open reduction internal fixation methods – modified stoppa and ilioinguinal approach
6.	Clinical and functional outcome of cemented total HIP replacement in diseased HIP
7.	Association of other congenital anomaly with congenital talipes equinovarus (CTEV)

8.	Functional outcome of intra – articular proximal tibia fractures (41c) treated with dual plate osteosynthesis
9.	Analysis of results of open reduction and internal fixation of acetabular fractures
10.	To study clinical and functional outcome in intra articular fracture (frykman classification type 3,5,7) of distal end of radius treated by open reduction and internal fixation with buttress plate
11.	Outcome study of transforaminal lumbar interbody fusion (TLIF) in management of adult isthic spondylolisthesis
12.	Study of surgical outcome of distal third tibia fracture treated by minimally invasive plate osteosynthesis (MIPO)
13.	A study on surgical outcome of proximal humeral locking compression plate for displaced proximal humeral fractures
14.	Study of surgical outcome of management of proximal ulna fracture by dorsal plating
15.	Outcome of surgical management of fracture shaft of humerus in adults using titanium elastic nail
16.	Clinical and radiological evaluation of children with idiopathic clubfoot treated with ponseti's method at the nodal center for clubfoot management in West Bengal
17.	Short term clinical analysis of outcome of arthroscopic meniscal repair with a one year follow up
18.	Short term analysis of surgical management in cases of subaxial cervical facet dislocation: A prospective and retrospective study
19.	A comparative study on functional outcome of semitendinosus versus bone patellar tendon grafting in arthroscopic anterior cruciate ligament reconstruction
20.	Negative pressure wound therapy versus standard wound therapy for open musculoskeletal injuries
21.	A comparative study on effects of early and delayed weight – bearing in union of stable fracture of shaft femur treated by interlocking nail
22.	The outcome of varus derotation open wedge osteotomy in legg calve perthes disease – A case series
23.	Comparative study of internal fixation of diaphyseal fractures of both bones of the forearm in adults between intramedullary nailing and plate osteosynthesis
24.	Comparative study of displaced fracture neck of femur fixation by cannulated cancellous screw versus paediatric dynamic HIP screw with additional derotation screw
25.	A comparative study of outcome in case of acetabular fracture managed by ilioinguinal approach and modified stoppa approach
26.	A descriptive study of relationship between post tibial slope and anterior cruciate ligament injury
27.	Evaluation of outcome after anatomical coraco – clavicular ligaments reconstruction for acromioclavicular joint dislocation
28.	Evaluation of outcome after open latarjet procedure for recurrent dislocation of shoulder with significant glenoid bone loss
29.	Evaluation of the use of limb reconstructive system (LRS) for infective non union tibia
30.	Comparative evaluation of results of vertically oriented figure of 8 tension band wiring versus horizontally oriented figure of 8 tension band wiring for displaced transverse fracture of patella in adults
31.	Evaluation of result of operative intervention in acromioclavicular joint disruption by ethibond and endobutton: A study in tertiary health care center in Eastern India
32.	Comparative evaluation of results of spanning vs nonspanning external fixation in cases of distal radius fractures
33.	Evaluation of results of limb salvage (joint preserving and joint replacement surgery) in cases of giant cell tumor around knee
34.	Evaluation of results of minimal internal fixation with external stabilization for management of proximal tibia fractures with compromised soft tissues

## MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2017 – 2020

SL. NO	E.N.T.
1.	A Quantitative assessment of posterior commissure hypertrophy in laryngopharyngeal reflux disease
2.	A comparative study between patterns of aerobic microbiological organisms of bronchoalveolar lavage (BAL) in tracheostomised patients in CCU and general ward
3.	Outcome analysis of endoscopic sinus surgery in chronic sinusitis with chronic rhinitis non responsive to medical therapy in relation to serum IGE and eosinophil count
4.	A study of different prognostic factors determining the hearing outcome in surgical management of squamous variety of chronic otitis media
5.	Clinico – radiological assessment of laryngeal neoplasm and its correlation with histopathological examination
6.	A clinical study on foreign bodies in Ear Nose and Throat
7.	Clinicopathological and audiological study of sensorineural hearing loss in patients with chronic otitis media – is there a

	significant correlation?
8.	A clinico – pathological study of salivary gland swellings
9.	A comparative study on the outcome of functional endoscopic sinus surgery with and without hypotensive anaesthesia
10.	A study on etiopathogenesis of otitis media with effusion and comparison between outcome of surgical and medical management
11.	Comparative study of clinico – audiological outcome in cases of canal wall down mastoidectomy with cavity obliteration with temporalis muscle pedicled flap and without cavity obliteration
12.	Early detection of hearing impairment using dpoae in high risk military personnel
13.	Role of high resolution computed tomography of the temporal bone in pre – operative evaluation of cholesteatoma
14.	Comparative study of efficacy of graft placement with and without anterior tuck in of graft in type 1 tympanoplasty for mucosal type – chronic otitis media
15.	Study of facial nerve in superficial parotidectomy: An observational study
16.	Subjective and objective evaluation of changes in nasal airflow following septoplasty
17.	Endoscopic cartilage myringoplasty Vs endoscopic myringoplasty using fascia – without elevation of tympano – meatal flap – A comparative study
18.	A study on the causes of delayed presentation in patients requiring emergency tracheostomy and the complications related to the surgical procedure
19.	Outcome of endoscopic stapes surgery – An observational study
20.	A clinical study on presentation and management of squamous variety of chronic otitis media in paediatric population
21.	A clinico – pathological study of chronic rhinosinusitis of both polypoidal and non polypoidal variety with the comparison between medical and surgical management
22.	A clinico – pathological study of laryngeal carcinoma with special focus on stage of diagnosis and metastatic pattern
23.	Endoscopic versus microscopic type – 1 tympanoplasty in inactive mucosal chronic otitis media – A comparative study
24.	A clinical study of active squamous type of chronic otitis media
25.	A comparative study of microscopic tympanoplasty versus endoscopic tympanoplasty in management of inactive mucosal variety of chronic otitis media
26.	A comparative study of the surgical outcomes of mastoid cavity obliteration using different materials in canal wall down mastoidectomy
27.	A study to evaluate association between tympanic membrane perforation as a complication of otomycosis
28.	A clinicodemographical study of aural foreign bodies including their management modalities
29.	A comparative study of complications between emergency and elective tracheostomy
30.	A comparative study of surgical treatment versus conservative treatment of vocal cord nodules in tertiary care hospital

## MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2017 – 2020

SL. NO	PAEDIATRICS
1.	Spectrum of microcytic hypochromic anaemia in children in a tertiary care hospital
2.	Estimation of serum IGE and Vitamin D levels in children (age>2 years to 18 years) with moderate / moderate to severe atopic dermatitis (AD) and their correlation with disease severity
3.	Effects of hospitalization on nutritional status of children under 5 years of age with reference to prealbumin as a marker of acute malnutrition
4.	Predictors of early atherosclerosis in children with juvenile idiopathic arthritis
5.	Study of clinical profile of urticaria in children in a tertiary care center
6.	Evaluation of asthma control in children between 6 to 11 years of age using childhood asthma control test (C – Act) and asthma therapy assessment questionnaire (ATAQ)
7.	Correlation between haematologic scoring system and serum procalcitonin as an early marker of neonatal sepsis
8.	Outcome of newborn born at Vivekananda Institute of Medical Sciences, Kolkata
9.	Evaluation the role of inferiorvenacava collapsibility index as a non invasive method to monitor the response of fluid resuscitation in pediatric shock management, with respect to central venous pressure



10.	Prognostic value of resistive index in neonates with hypoxic ischemic encephalopathy
11.	A clinical study of acute kidney injury AKI in steroid responsive nephritic syndrome and its short-term outcome
12.	Safe oxygen saturation targeting and monitoring in preterm infants, to avoid and hyperoxia and hypoxia and followup of those infants upto 6 months to see the incidence of retinopathy of prematurity amongst them
13.	Relation of Haemoglobin serum iron tbc serum ferritin electrocardiogram in a patients of breath holding spell in comparative study
14.	Clinico – demographic profile of febrile seizure and its association with iron deficiency
15.	Study on association of serum ferritin with thyroid profile and oral glucose tolerance test in thalassemia major children
16.	Comparison of validity reliability and accuracy of parkins score and new Ballard score in gestational age assessment
17.	Study of clinico – etiological profile of children with first episode of seizure
18.	Morbidity and mortality profile among low birth weight special new born care unit graduates in first six months of life
19.	Assessment of thyroid function among paediatric patients with epilepsy receiving anticonvulsants as monotherapy in BSMC&H, WB
20.	A comparative study of electrolyte changes in newborns delivered after 35 weeks of gestation before and after receiving phototherapy in a tertiary care hospital
21.	Urinary tract infection in nephritic syndrome in paediatric age group: A hospital based cross – sectional study
22.	Utility of lumbarpuncture (CSE examination) in first episode of simple febrile seizure in children between 6 to 18 months of age
23.	Study to assess the efficacy of bronchodilators and comparison between role of nebulized salbutamol alone versus salbutamol and ipratropium bromide combination in wheeze associated respiratory tract infection in children aged 2 – 36 months
24.	A clinico – neuroradiological profile of acute disseminated encephalomyelitis in children at a tertiary care hospital in sub Himalayan region of West Bengal
25.	A study on pattern of dermatological manifestation in nutritional deficiency diseases (PEM, ZINC and Vitamin B 12) of children
26.	Evaluation of rangs of movements of major joints according to gestational age in Indian newborn
27.	Clinico – etiological spectrum of non traumatic coma among children admitted in a rural tertiary care hospital
28.	Anthropometric parameters in determining prevalence of overweight and obesity in children aged 5 – 16 years in and around Kolkata
29.	A study on the clinical spectrum of scrub typhus, response to oral doxycycline and prognosis in pediatric age group in a tertiary care hospital
30.	A study of incidence, causes and outcomes of acute kidney injury in neonatal age group in a tertiary care hospital in Kolkata
31.	Study on clinicolaboratory profile and short term outcome of neonatal meningitis in a tertiary care centre of West Bengal
32.	A study on clinico – biochemical profile of neonatal seizures at a tertiary care hospital
33.	Study of clinical profile of children with autism spectrum disorder attending in a tertiary care centre
34.	A prospective comparative study of serum calcium levels before and after phototherapy in neonates treated for jaundice in a tertiary care hospital of a rural District in India
35.	A study of serum lipid profile from cord blood sample of neonates and its variation across gestational age and birth weight in a tertiary care hospital
36.	Study of clinico epidemiological profile and assessment of liver function in children with elisa positive dengue virus infection admitted in rural tertiary care hospital
37.	Study of different iron parameters in a case of congenital heart disease admitted in a rural tertiary care hospital
38.	A study on the effect of Kangaroo mother care on vital physiological parameters in low birth weight <2500 gm Newborn
39.	Study of clinicoepidemiological profile and frequency of Japanese encephalitis among paediatric patients admitted with clinical features of acute encephalitis syndrome in a tertiary care hospital
40.	Parathyroid hormone and calcium status in transfusion dependent thalassemia
41.	A clinico radiological study of acute symptomatic seizures in children of 06 months to 05 years age group in a tertiary care hospital

42.	Study of clinicoepidemiological profile of Kawasaki disease admitted in paediatric emergency ward in Burdwan Medical College & Hospital
43.	A study of clinico – laboratory profile of pleural effusion among children admitted in a tertiary care hospital of West Bengal
44.	A study of perinatal asphyxia in a tertiary care hospital with reference to perinatal risk factors and short term outcome
45.	The rationality behind performance of routine lumbar puncture in simple febrile seizure in 6 – 18 months old children
46.	Corelation of neonatal lipid profile with maternal BMI, gestational age and birth weight
47.	Assessment of behavioral problems in children with epilepsy
48.	Clinico – etiological profile of seizures in children: A tertiary hospital based study
49.	The effect of Kangaroo mother care on growth & outcome of low birth weight infants & acceptability of KMC to care givers in a tertiary care centre
50.	A study on etiology and clinical profile of acute glomerulonephritis in children attending a tertiary care hospital in West Bengal
51.	Agreement between central and peripheral capillary refill time and its usefulness as indicator of serious bacterial infection in febrile children (2 months to 12 years)
52.	Serum ferritin level in children with severe sepsis and septic shock
53.	Physical growth in thalassemic children of 02 – 12 years with multiple transfusions
54.	Quality of life in patients with juvenile idiopathic arthritis (JIA)
55.	Prevalence of Vitamin D deficiency in children with nephritic syndrome and its association with degree of proteinuria and serum albumin level
56.	A prospective observational study evaluating the impact of prophylactic 1gM rich intravenous immunoglobulin on the incidence of neonatal sepsis in neonates below 1250 Gms birth weight during the early neonatal period in a tertiary care teaching hospital in WB
57.	A study to compare TNF – alpha levels in juvenile idiopathic arthritis patients during active phase and remission phase of the disease
58.	A study evaluating the growth velocity motor and cognitive developmental follow up of extremely low birth weight ( 501 – 999 gms) neonates at different corrected age till 1 year in a tertiary care centre West Bengal
59.	Dengue serotype specific clinical features and haematological parameters in NS1 positive suspected dengue cases at a tertiary care centre in Kolkata
60.	A retrospective observational study determining the influence of different modalities of respiratory support on retinopathy of prematurity amidst the neonates in a tertiary care centre, Kolkata
61.	Prevalence of anxiety in children suffering from autism in a tertiary care centre out patients department
62.	A comparative study on the efficacy of indigenously developed non – invasive transcutaneous bilirubinometer (AJO) and commercially available transcutaneous bilirubinometer (Dragger JM – 105) with total serum bilirubin obtained from blood sample for diagnosis of neonatal jaundice
63.	Study on efficacy and outcome of post extubation noninvasive ventilation in children under 12 years of age
64.	Study on feasibility and outcome of primary versus secondary prophylaxis in Hemophilia A and Hemophilia B children under 12 years of age in tertiary care hospital
65.	Safety and efficacy of rituximab among complicated idiopathic nephritic syndrome
66.	A study on effect of intervention for reducing medication errors and improving the quality of prescriptions in neonatal care unit of a tertiary care hospital, Kolkata
67.	Vitamin S status in patients with juvenile idiopathic arthritis and its association with disease activity
68.	Study on the profile of pancreatic involvement among children with typhoid fever aged 1 to 12 years
69.	A study of the incidence of G – 6 PD deficiency in neonates with jaundice admitted in the neonatology unit, NRSMC &H
70.	A study on efficacy and safety of hydroxyurea therapy in E – beta thalassemia cases in a tertiary care hospital
71.	Study on efficacy and safety of alternate day and daily usage of levamisole in children with frequent relapse and steroid dependent nephrotic syndrome

72.	A study on evaluation of liver dysfunction in critically ill children in a tertiary care hospital in Eastern India
73.	A study on clinical spectrum of congenital heart disease in children in a tertiary care centre of Eastern India
74.	Study of haematological abnormalities among paediatric lupus cases attending a tertiary care hospital in India
75.	Study on serum immunoglobulins IGG IGM IGA and complements G G in childhood nephrotic syndrome
76.	Status of serum Vitamin D3 level in congenital heart disease with special reference to pulmonary hypertension
77.	Clinical and molecular characterization of children with beta thalassemia in a tertiary care centre in West Bengal
78.	A study of clinico – etiological profile and short term outcome of children with pericardial effusion in a tertiary care hospital in Eastern India

## MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2017 – 2020

SL. NO	PATHOLOGY
1.	Comparative study of conventional pap smear and manual liquid based cytology for screening of cervical carcinoma in a rural population in East Midnapore
2.	Study on detection of red cell alloantibodies in transfusion dependent thalassemic patients attending a tertiary care hospital in Northern part of West Bengal
3.	Clinicopathological correlation of urinary bladder tumor with cytokeratin 20 immunohistochemistry in patients attending a tertiary care centre of North Bengal
4.	Comparative evaluation of ultrasound guided FNAC and core needle biopsy in clinico – radiologically suspected salivary gland neoplasia in a tertiary care centre in North Bengal
5.	Histopathological study of spectrum of lesions seen in surgically resected specimens of fallopian tube
6.	A study on CD10 expression intensity in various grades and stages of urothelial carcinoma of urinary bladder
7.	Expression of surviving, p53 and Ki67 in squamous intraepithelial lesions and squamous cell carcinoma of cervix
8.	A study of microvessel density by CD34 expression in different grades of breast carcinoma and its correlation with ER, PR, HER2 and KI67 index

9.	Correlation of COX – 2 and VEGF immunoexpression and microvessel density with tumor grade in diffusely infiltrating gliomas
10.	Comparison of mitosin and PHH3 indices with mitotic index and Ki67 proliferation index in diffusely infiltrating gliomas
11.	Correlation of histopathological types of laryngeal and nasopharyngeal mass with PCR detected human papilloma virus and Epstein – Barr virus genotypes in a tertiary care centre
12.	Correlation of cytobrush technique with histopathological findings in oral precancerous and cancerous lesions and their association with human papilloma virus 16 and 18 detected by polymerase chain reaction
13.	Clinicopathological study of colorectal carcinoma with special reference to mismatch repair protein deficiency assessed by immunohistochemistry
14.	Clinicopathological study of urothelial neoplasms of urinary bladder with special reference to expression of HER2 / NEU and KI – 67 in malignant lesions
15.	BCL – 2 immunoexpression in urothelial carcinoma with relation to Ki67 expression grading and staging
16.	A clinicopathological study of colorectal carcinomas with special reference to MUC1 and MUC2 expression
17.	MMP9 expression in the cytoplasm of surrounding stromal cells of breast carcinoma in relation to pathological stage, grade and receptor status
18.	Study of mucin histochemistry in gall bladder pathology – A prospective study
19.	Association of ABO blood group and breast carcinoma among cases attending a tertiary care hospital Kolkata
20.	A study on expression of P16 as a surrogate marker of high risk HPV infection in oropharyngeal, head & neck squamous cell carcinoma & its correlation with different histomorphological features
21.	Expression of her2 in comparison with Ki67 in gastric carcinoma and its correlation with clinical features histopathological type and grade of the tumor in a tertiary care hospital a cross sectional study
22.	A study on hematological parameters, coagulation profile and c – reactive protein in neonatal sepsis at R G Kar Medical College & Hospital
23.	Histopathological study of tumour budding in colorectal carcinoma and correlation with clinicological stage
24.	Clinicopathological study of oral squamous cell carcinomas with special emphasis on E6, E7 oncoprotein expression and Ki67 labelling index
25.	Immunohistochemical subtyping of non Hodgkin lymphoma with special emphasis on expression of CD10 BCL6 MUM1 in diffuse large B – Cell lymphoma
26.	Clinico – pathological study of invasive cervical cancer – with special emphasis on E6 and E7 oncoproteins and P16 expression in a tertiary care hospital in Kolkata
27.	Role of scrape cytology and frozen section in the diagnosis of ovarian neoplasms with confirmation by histopathology and immunohistochemistry (CK7, CK20)
28.	Cytological reporting of salivary gland swellings as per Milan system corresponding histological correlation in a tertiary care hospital of Kolkata
29.	A study to correlate imprint cytology, frozen section and routine histo– pathology of malignant eyelid tumours
30.	Evaluation of tubo – ovarian masses – correlation of clinical and radiological features to histopathological findings
31.	Cytological reporting of salivary gland swellings as per Milan system corresponding histological correlation in a tertiary care hospital of Kolkata
32.	A study to correlate imprint cytology, frozen section and routine histo– pathology of malignant eyelid tumours
33.	Evaluation of tubo – ovarian masses – correlation of clinical and radiological features to histopathological findings
34.	Cytological reporting of salivary gland swellings as per Milan system corresponding histological correlation in a tertiary care hospital of Kolkata
35.	Study of her2 / neu and Ki67 expression in gastric and esophago – gastric junction adenocarcinoma and their correlation with grade and stage
36.	A study of CD44 positive cancer cells in epithelial ovarian cancer and their correlation with P53 and Ki67

37.	Expression of biomarkers (Vimentin & E – Cadherin) of epithelial mesenchymal transition & its implication in oral squamous cell carcinoma
38.	Study of expression of ER, PR, HER 2 / NEU and KI – 67 in primary breast tumour and synchronous metastatic axillary lymph node
39.	Study of ER, PR and VEGF expression in endometrial epithelial neoplasms and its correlation with histological stage and grade of endometrial carcinoma
40.	Histopathological spectrum of polypoid lesions of the nasal cavity – A prospective study in a medical college / tertiary care hospital
41.	Histopathological study of cadaveric uterus in women committing suicide
42.	Clinical, cytological and histological correlation of different salivary gland lesions in the rural population of Purba Bardhaman
43.	Histopathological spectrum of carcinoma thyroid of follicular cell origin with particular emphasis on the variants of papillary carcinoma
44.	Comparative study of eosinophils and mast cells in different pathological type of surgically resected appendix specimens
45.	Spectrum of epithelial changes following routine histopathological examination of gall bladder specimen
46.	To Study the occurrence of glucose 6 phosphate dehydrogenase deficiency in unexplained neonatal hyperbilirubinaemia in neonatal care unit in a tertiary care hospital
47.	Study of significance of haematological scoring system in early diagnosis of neonatal sepsis in tertiary care hospital
48.	Study of epidemiological, clinical and pathological characteristics of genetic and acquired bullous disorders in pediatric age group: An institution based cross – sectional, observational study
49.	Clinicopathological study of glial tumours in a tertiary care hospital with special reference to epidermal growth factor receptor (EGFR), p53 and Ki67 immunohistochemical expression
50.	Coagulation study of non – hematological malignancies and effect of chemotherapy in a tertiary care hospital
51.	Study of the role of immunohistochemistry in the differential diagnosis of follicular lymphoma with clinicopathological correlation
52.	Clinico – hematological correlation of pancytopenia with special reference to the role of IRF (Immature Reticulocyte Fraction) by automated cell counter in a tertiary care hospital
53.	PDL1 expression in prostate cancer: A novel marker of prognosis and proposed target for therapy
54.	Study of expression of DNA mismatch repair proteins in gallbladder carcinoma by immunohistochemistry
55.	The immunochemical and molecular expression of EGFR, ALK and KRAS in non small cell carcinoma of lung
56.	Role of liquid based cytology and cell block study of pleural fluid in the evaluation of cases of malignant pleural effusion with special reference to immunohistochemistry
57.	Clinico – pathological study of colorectal carcinoma with special emphasis on assessment of tumor budding – A study from rural tertiary care centre

## MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2017 – 2020

SL. NO	PHARMACOLOGY
1.	Revisiting the utility of therapeutic drug monitoring in optimising lithium therapy in ambulatory patients of bipolar disorder a prospective outcome study
2.	A prospective study on adverse drug reaction monitoring of efavirenz based anti – retroviral therapy in HIV patients of paediatric age group
3.	Effectiveness and adverse drug reaction of levetiracetam and midazolam in neonatal seizure not controlled with phenobarbitone and phenytoin in a tertiary care hospital: Cross sectional comparative study
4.	Efficacy and safety of modafinil in cancer – related fatigue: A prospective, randomized controlled study
5.	Comparative study of efficacy and safety of single dose intravaginal sertaconazole 500mg versus single dose oral fluconazole 150mg in the treatment of acute vulvovaginal candidiasis
6.	Comparative study on efficacy and safety of topical moxifloxacin and prednisolone in combined fixed dose vs. individual administration in post operative cataract patients
7.	Evaluation of efficacy and safety of clobazam as an add on drug in the treatment of generalized tonic clinic seizure not controlled with valproic acid monotherapy
8.	Evaluation of antimicrobial usage and outcome in neonatal sepsis in the sick newborn care unit in a tertiary care hospital in West Bengal

9.	A comparative randomized control study between amlodipine and cilnidipne in grade – I hypertensive patients to evaluate the efficacy and safety of the two drugs in cardiology outpatient dept. of tertiary care hospital
10.	Drug utilization study in type 2 diabetes mellitus in outpatient department setting of a tertiary care hospital in West Bengal
11.	Comparative study on efficacy and safety of morning dose versus evening dose of levothyroxine in treatment of hypothyroidism – An OPD based prospective interventional study
12.	Drug prescribing pattern in allergic rhinitis in a tertiary care teaching hospital – An OPD based prospective observational study
13.	Quantitative monitoring of rituximab therapy in autoimmune disease in a tertiary care hospital
14.	A prospective, observational study to assess the effects of SSRI and SNRI on cognitive function in patients of major depressive disorders (MDD)
15.	An observational study to assess response to growth hormone therapy in patients of different growth disorders attending a tertiary care hospital in Eastern India
16.	Survey of drug use in adolescent psychiatric disorders and associated problems
17.	A prospective observational study of antimicrobial use in medical intensive care unit ward of a tertiary care hospital
18.	Role of filgrastim and pegfilgrastim in amelioration chemotherapy induced myelosuppression in a tertiary care hospital in Kolkata
19.	An observational study comparing effectiveness and safety of dabigatran versus warfarin in patients of non valvular atrial fibrillation in a tertiary care hospital of West Bengal
20.	A prospective observational study comparing efficacy and safety of azilsartan and olmesartan in patients of essential hypertension in a tertiary care hospital of Eastern India
21.	Assessment of antidiabetic drug utilization pattern in a diabetic clinic of a tertiary care hospital in Eastern India

## MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2017 – 2020

SL. NO	P.M.R.
1.	Effectiveness of transforaminal epidural steroid injection in lumbar spinal canal stenosis due to prolapsed intervertebral disc with neurogenic claudication
2.	Role of surge faradic stimulation in rehabilitation of patients with end stage renal disease on maintenance hemodialysis
3.	Efficacy of ultrasound guided fenestration of flexor retinaculum in patients with carpal tunnel syndrome
4.	Comparative study of efficacy between ultrasonography guided and blind genicular nerve block in cases of knee osteoarthritis
5.	Efficacy of autologous platelet rich plasma in the management of pressure ulcer in patients with spinal cord injury
6.	Comparative efficacy between fluoroscopy guided ganglion impar block and local infiltration with methyl prednisolone in treatment of coccydynia

7.	A study to assess the effects of greater occipital nerve block in the management of cervicogenic headache
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MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2017 – 2020

SL. NO	IMMUNO - HAEMATOLOGY
1.	An analysis of anti – A, anti – B and Anti – AB antibody titres among healthy blood group O donors at a regional blood transfusion centre of Kolkata, West Bengal
2.	An analysis of blood donor deferral pattern at a regional blood transfusion center of Kolkata, West Bengal



## MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2017 – 2020

SL. NO	PHYSIOLOGY
1.	Evaluation of nerve conduction parameters in patients with primary hypothyroidism: A cross sectional study in a tertiary care hospital
2.	Study of brainstem auditory evoked potential in children aged 1 – 5 years with delayed speech
3.	Spirometric analysis in breast cancer patients undergoing treatment with anthracycline and taxane based chemotherapy and radiotherapy – A prospective study
4.	Thyroid function tests in preterm infants
5.	A cross sectional study of pulmonary function test patterns in patients of rheumatoid arthritis attending a tertiary care hospital of Calcutta
6.	Objective characterization of autonomic profile using time series data of cardiac signal in diabetes mellitus

## MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2017 – 2020

SL. NO	PSYCHIATRY
1.	A study of perceived excessive vaginal discharge and its association with common mental disorders
2.	Study of sexual dysfunction in patients with major depressive disorder in a tertiary care hospital
3.	Psychiatric comorbidities and quality of life in patients with chronic pain in a tertiary care hospital
4.	Study of sexual dysfunctions associated with atypical antipsychotics
5.	A study to assess cognitive functions in patients of unipolar depression
6.	Comparison of depressive presentations across gender
7.	Predictors of quality of life among patients of substance use disorder
8.	Assessing obsessive compulsive symptoms and suicidality in patients with depression
9.	Personality disorder and other psychiatric morbidity associated with deliberate self harm
10.	Prevalence of personality disorders and personality traits in adults patients of obsessive compulsive disorder and correlation of polysomnographic findings with YBOCS severity score
11.	The role of repetitive transcranial magnetic stimulation in the study and treatment of autism spectrum disorder
12.	A comparative study of impact of repetitive transcranial magnetic stimulation (rTMS) over supplementary motor area (SMA) and orbitofrontal cortex (OFC) on quality of life and symptoms in obsessive compulsive disorder (OCD) patients
13.	A comparative study of haematological and biochemical parameter, psychiatric co – morbidities and quality of life in volatile substance users with age and gender matched healthy controls
14.	Depression and anxiety in caregivers of chronic mentally ill patients attending psychiatric OPD of a tertiary care hospital: A cross sectional study
15.	Study for assessment of cognitive functions in patients attending psychiatry OPD of a tertiary care hospital

16.	Impact of psychopathology and insight on quality of life in patients with schizophrenia: A cross sectional clinic based study from a tertiary care hospital West Bengal
17.	A study on symptom dimensions of obsessive compulsive disorder and their association with comorbidities and cognitive functions
18.	A study assessment of disability among patients with schizophrenia and persistent delusional disorder in a tertiary care general hospital
19.	A short term longitudinal study of psychiatric and medical morbidity and treatment outcome of patients presenting with somatic symptoms in psychiatry OPD of a tertiary care hospital
20.	A comparative study of factors associated with briefpsychotic disorder and schizizophrenia
21.	A prospective study on association between hidden bipolarity and SSRI induced suicidality in adolescent and young depressed patients
22.	An explorative study on quality of life, severity and dimensions of stigma in depressive patients presenting with somatic symptoms
23.	A cross sectional hospital based study on clinical correlates of insight in obsessive compulsive disorder
24.	Assessment of impulsivity and personality attributes in patients with mood disorder

## MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2017 – 2020

SL. NO	RADIOTHERAPY
1.	A prospective study to assess the feasibility and toxicity of hypofractionated post – mastectomy radiotherapy in patients of carcinoma breast
2.	A pilot study to see the feasibility safety and efficacy of concurrent paclitaxel and cisplatin in patients of locally advanced carcinoma cervix being treated with concurrent chemo radiation
3.	A prospective randomized controlled study comparing the efficacy and toxicities of hyperfractionated vs. conventional concurrent chemoradiation in non – nasopharyngeal locally advanced squamous cell carcinoma of head and neck
4.	A prospective trial comparing neoadjuvant chemotherapy followed by concomitant chemoradiation versus concomitant chemoradiation alone in locally advanced inoperable head and neck squamous cell carcinoma
5.	A prospective study to see the feasibility, toxicity and efficacy of twice weekly interdigitated intracavitary brachytherapy in patients of carcinoma cervix stage IIB undergoing concurrent chemoradiation
6.	A prospective comparative study to compare pulmonary toxicity in hypofractionated radiation therapy versus conventional radiation therapy in post mastectomy carcinoma breast patients
7.	Prospective comparative study of concurrent chemoradiation in advanced carcinoma cervix patient with weekly cisplatin versus weekly cisplatin and paclitaxel
8.	A comparative study between pure accelerated radiation versus concomitant chemoradiation in locally advanced squamous cell carcinoma of cervix
9.	A prospective comparative study between concurrent chemoradio therapy with cisplatin and etoposide versus paclitaxel and

	carboplatin in locally advanced non small cell lung carcinoma
10.	Assessment of quality of life in head neck cancer patients pre and post radiation therapy (conventional and concomitant chemoradiation): A prospective study using EORTC QLQ H&N 35
11.	A comparative prospective study of two different radiation fractionation schedules with concurrent chemotherapy in locally advanced head and neck squamous cell carcinoma
12.	A prospective comparative study of neoadjuvant concurrent chemoradiation with single agent capecitabine versus capecitabine – oxaliplatin combination in locally advanced adenocarcinoma of rectum
13.	A prospective study between two schedules of high dose rate brachytherapy in treatment of locoregionally advanced squamous cell carcinoma of cervix
14.	A retrospective study of thyroid functional status in patients treated with radiation therapy over head and neck region for squamous cell carcinoma of head and neck
15.	A prospective randomised comparative study of two palliative radiotherapy regimens in advanced squamous cell carcinoma of head and neck region
16.	Role of pulmonary function test as predictive marker for tolerance towards anticancer treatment and quality of life in advanced non small cell lung cancer in tertiary care hospital – A pilot study
17.	Incidence, patterns of spread and prognosis of human papilloma virus in cases of head and neck cancers a prospective observational study
18.	A prospective study to determine the auditory dysfunction in patients of head and neck carcinoma treated with cisplatin based concurrent chemo – radiotherapy and factors influencing it
19.	A prospective study to compare improvement of quality of life adverse effects and treatment response in very advanced inoperable head and neck squamous cell carcinoma using different fractionation schedules of radiotherapy with palliative intent
20.	Impact of anticancer treatment on quality of life with special emphasis on psychosexual behaviour in survivors of carcinoma cervix and carcinoma breast
21.	Evaluation of response and toxicities with MRI based adaptive brachytherapy for locally advanced carcinoma cervix using cobalt – 60 source – A prospective single institutional study
22.	A prospective randomized study comparing accelerated radiotherapy versus conventional concomitant chemoradiation in locally advanced carcinoma cervix
23.	A prospective randomised study to assess the safety and efficacy of different fractionation schedules of HDR brachytherapy using Fletcher suit delclos application in patients with locally advanced carcinoma of cervix
24.	Comparison of treatment results in locally advanced carcinoma cervix by twice weekly versus weekly high dose rate brachytherapy
25.	Patterns of failure and long term toxicities (xerostomia, dysphagia) in patients of locally advanced head and neck cancer treated with radiotherapy along with chemotherapy
26.	A prospective randomised study comparing response and toxicity between conventional and hypofractionated EBRT alongwith concurrent cisplatin based chemotherapy in patients with locally advanced head and neck cancers
27.	A prospective randomised interventional study to compare the tumour regression and toxicity profile in patients of adenocarcinoma of rectum treated with short course radiotherapy followed by delayed surgery versus long course chemoradiotherapy followed by delayed surgery
28.	A prospective study evaluating the incidence and factors associated with occurrence of pulmonary toxicity in breast carcinoma patients undergoing post mastectomy adjuvant radiotherapy
29.	A randomised controlled study comparing the tolerance and efficacy of conventional versus hypofractionated chemoradiation

## MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2017 – 2020

SL. NO	RESPIRATORY MEDICINE
1.	A cross – sectional study on evaluation of peripheral tubercular lymphadenopathy with special emphasis on smear AFB microscopy, MTB culture and xpertMTB / RIF from fine needle aspiration samples in presumptive, partial responder & relapsed cases
2.	Percutaneous computed tomography guided fine needle aspiration cytology of adult patients with different lung lesions: An observational cross sectional study with clinical pathological and radiological correlation
3.	A study to detect liver function changes among patients on first line anti – tubercular drugs from RNTCP during the course of anti – TB treatment
4.	Quality of life in patients with stable chronic obstructive pulmonary disease presenting to a medical college hospital in West Bengal: A cross sectional study
5.	A study on effects of smoking cessation on spirometry in patients with mild to moderate chronic obstructive pulmonary disease in a tertiary care hospital
6.	A study of clinikoradiological and microbiological profile and biomarkers in cases of community acquired pneumonia admitted in a tertiary care hospital
7.	Study on diagnosis of sputum negative pulmonary tuberculosis by cartridge based nucleic acid amplification test of bronchoalveolar lavage fluid
8.	Study of association between stable COPD and metabolic syndrome in a tertiary care hospital
9.	A study on knowledge and attitude of obstructive sleep apnoea among junior doctors of RGKMC, Kolkata
10.	A cross sectional study on utility of semi rigid medical thoracoscopy in diagnosis of undiagnosed pleural effusion in a tertiary care teaching hospital
11.	Clinical research study on relation between serum magnesium and in patients with acute exacerbation of chronic obstructive pulmonary disease in RGKMC &H

12.	Clinical study of co morbid illness in drug resistant tuberculosis (DRTB) patients
13.	Assesment of the effect of chronic obstructive pulmonary disease on cardiovascular system with special emphasis on echocardiography
14.	Correlation of perceived dyspnea with 6 minute walk test spinometry and radiological findings in patients with diffuse parenchymal lung disease in a tertiary care hospital
15.	Diagnostic accuracy and safety profile of computed tomogram guided fine needle aspiration cytology of lung lesions
16.	Study of Vitamin D3 level and C – Reactive Protein titre among patients with chronic obstructive pulmonary disease and their association with disease severity
17.	A clinical study on haematological and biochemical profile of pulmonary and extrapulmonary tuberculosis patients and its relationship with patients socioeconomic status and body – mass – index
18.	A study of diffuse parenchymal lung disease in patients with connective tissue disorders
19.	A study on role of elevated red cell distribution width to predict severity of acute exacerbation of chronic obstructive lung disease among hospitalized patient
20.	Evaluation of Thyroid Profile in sputum smear positive new pulmonary tuberculosis cases and its correlation with anti – tuberculosis chemotherapy
21.	Evaluation and correlation of serum Immunoglobulin E and Vitamin D levels in asthma patients
22.	A study on adenosine deaminase level in bronchoalveolar lavege fluid in clinically and radiologically suspected cases of sputum negative pulmonary tuberculosis

## MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2017 – 2020

SL. NO	TROPICAL MEDICINE
1.	Prospective study on follow – up of on – demand adalimumab therapy in patients of spondyloarthritis with special reference to the effectiveness of the therapy and change in quality of life
2.	A study on treatment outcome of daily anti tubercular therapy among newly diagnosed HIV – TB co – infected patients in a tertiary care hospital of Kolkata
3.	Study of clinico – biochemical and radiological profile of non – alcoholic fatty liver disease and its association with cardiovascular risk factors
4.	A study on clinico – etiological profile of fever of more than two weeks duration in a tertiary care hospital of Kolkata
5.	Clinicoaetiological study on lower respiratory tract infection in critical care unit of a tertiary care hospital

## MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2017 – 2020

SL. NO	GENERAL SURGERY
1.	Diagnostic value of inflammatory markers in differentiating acute appendicitis from acute pain abdomen in pediatric age group
2.	A prospective study on outcome of necrotizing fasciitis in relation to clinical features and bacteriological pattern
3.	A clinical study on the prognostic factors affecting outcome of traumatic brain injury
4.	Clinicopathological correlation between serum PSA level and carcinoma prostate
5.	Prevalence of microorganisms in gall bladder aspirate in patients undergoing laparoscopic / open cholecystectomy for chronic calculous cholecystitis in a tertiary care centre
6.	A prospective study of correlation between clinicoradiological parameters of chronic cholecystitis with intraoperative findings of surgical anatomy and pathology of Calot's triangle and its dissections during laparoscopic cholecystectomy
7.	A prospective study for predictors of post laparotomy abdominal wound dehiscence
8.	A comparative study to evaluate the role of pre – operative versus pre & post operative antibiotic for open appendectomy in case of acute nonperforated appendicitis
9.	A study to evaluate the efficacy of topical heparin in management of burn wound
10.	A clinical study on negative pressure dressing for non healing surgical wounds in a rural tertiary care center
11.	A clinical study of primary salivary gland tumors and their management at a tertiary care hospital of North Bengal
12.	Evaluation of bisap score in predicting the mortality in acute pancreatitis
13.	Mesh repair versus non mesh repair in complicated inguinal hernia – A comparative study
14.	Demographic and clinicopathological profiling of gastric carcinoma based on Lauren type
15.	Comprehensive evaluation and comparison of chemokines between operable and inoperable gastric adenocarcinoma
16.	A clinico – pathological study on gastro – intestinal stromal tumour and its different aspects of management
17.	Spectrum and management of gall bladder carcinoma
18.	Assessment of feasibility of breast conservation therapy after neo adjuvant chemotherapy in cases of locally advanced breast cancer
19.	A clinical & etiopathological study of mastalgia and its different aspects of management
20.	Comparative observational and analytical study in patients with adenocarcinoma gall bladder for amplification of ERBB2 / HER2NEU receptor
21.	Study of NFkB expression in breast carcinoma patients undergoing surgery with or without NACT and its association with adjuvant therapy
22.	Clinical profile of pancreatic carcinoma: A short term prospective observational study at a tertiary referral hospital



23.	An observational study to evaluate the association of fatty liver and metabolic syndrome in gallstone disease
24.	Study of outcome of pancreatico – jejunostomy done by modified invagination technique following Whipple's procedure
25.	A Comparative analysis of clinical and pathological outcome following laparoscopic versus open colorectal resection in colorectal cancer in a tertiary care centre
26.	A prospective study of non – tubercular mycobacterial infection at postoperative surgical wound site
27.	A study on clinical, radiological and peroperative finding in acute surgical abdomen
28.	A study on epidemiology of HER2 / NEU positive breast cancer of patients presented in Medical College & Hospital
29.	Evaluation of low pressure pneumoperitoneum for laparoscopic cholecystectomy
30.	A clinical study and management of varicocele by open retroperitoneal surgical approach (Palomo's operation)
31.	A study on the outcome of fistulectomy versus fistulotomy in the management of low anal fistulae with special reference to sphincteric function
32.	Role of percutaneous needle aspiration versus indwelling catheter drainage in liver abscess: A comparative study
33.	A comparative study of the efficacy of danazol or meloxicam and topical NSAIDs (Diclofenac Gel) in the treatment of mastalgia and ANI of breast
34.	Study on etiopathogenesis of carcinoma gallbladder with gall stone disease with special reference to chronic salmonella typhi and helicobacter pylori infection
35.	Clinical evaluation with biochemical, pathological and imaging correlation of patients who underwent cholecystectomy for gallstone diseases
36.	Clinicopathological study of inflammatory and cystic diseases of epididymis
37.	A clinico – epidemiological study of breast cancer with special reference to ER / PR positivity
38.	A clinical trial to evaluate the efficacy of cilostazol in prevention of flap necrosis in patients undergoing modified radical mastectomy in a tertiary care hospital of West Bengal
39.	Evaluation of aetiology and clinical outcome of nontraumatic free perforations of small bowel with respect to different modes of surgical interventions
40.	A clinical study of ventral hernia with reference to its open surgical management
41.	Early enteral feeding within 24 hours of gastrointestinal surgery versus nil by mouth
42.	A study of cases of right iliac fossa mass
43.	A clinico – pathological study of benign breast tumours with special reference to its surgical management
44.	A cross sectional study on varied presentation of gallstone disease and its subsequent management among admitted patients in general surgery department
45.	A comparative study on diagnostic accuracy of fast and cect whole abdomen with intra operative finding in surgically managed patients of blunt abdominal trauma
46.	Negative pressure wound therapy in difficult abdominal wound closure following open abdominal operation: A prospective analysis of outcome
47.	A comparative study between clinical evaluation of closed haemorrhoidectomy and open haemorrhoidectomy
48.	A comparative study of outcome between laparoscopic transversus abdominis release surgery versus open incisional hernia repair
49.	A study on etiology of peptic perforation and early endoscopic follow up of post operative patients
50.	A clinicopathological profile of chronic leg ulcers excepting arterial, venous and neuropathic ulcers: A cross – sectional – observational study in a tertiary care hospital in Eastern India
51.	Comparative study of outcomes between tissue adhesives and conventional sutures for closure of clean incised skin wounds
52.	A clinical study and outcome of perforative peritonitis in a rural based teaching hospital
53.	A comparative study to evaluate outcome of surgical versus conservative management in case of solid organ injury following blunt trauma abdomen
54.	Study to evaluate the causes of obstruction in appendicitis

55.	A study on efficacy of mechanical bowel preparation in case of elective colorectal surgery
56.	Early versus delayed laparoscopic cholecystectomy in case of acute cholecystitis: A comparative study in a rural based tertiary care hospital
57.	A prospective study on clinical profile and management of obstructive jaundice
58.	A clinical evaluation of post cholecystectomy syndrome in a rural based tertiary health set up in Burdwan Medical College, Burdwan
59.	A prospective study on early enteral nutrition following gastrointestinal surgery
60.	Comparative study of sitz bath & soap water bath in anal surgery
61.	Prospective study of role of immunonutrition in major elective abdominal surgeries
62.	A prospective study on longitudinal pancreatico – gastrostomy as a drainage procedure for pain relief in case of chronic pancreatitis
63.	A double blind comparative study of centchroman with evening primrose oil and danazol in the management of mastalgia in benign breast disease
64.	Post operative outcome of varicose vein surgery with special reference to saphenofemoral ligation without stripping of great saphenous vein
65.	A study of appendicular lump: Evaluation and comparison of outcome of different treatment interventions
66.	Comparative study between open and laparoscopic repair of ventral hernia
67.	A study of surgical treatment and outcome of obstructing colorectal carcinoma
68.	A prospective study of factors causing seroma following modified radical mastectomy and evaluation of 'quilting' technique in its prevention
69.	A prospective observational study on penetrating injuries to the abdomen and their operative outcome
70.	Clinical study to evaluate the use of ripasa score in diagnosis of suspected acute appendicitis and its correlation with histopathology
71.	A prospective study on role of lateral anal sphincterotomy for the management of fissure in ANO
72.	A prospective study for assessing the outcome after early and delayed ileostomy reversal
73.	A prospective study on management of rectosigmoid carcinoma with short course radiotherapy followed by surgery in a tertiary care institute
74.	Spectrum of perforative peritonitis in tertiary care hospital of West Bengal
75.	A comparative study between pyogenic liver abscess and amoebic liver abscess
76.	A comparative study of early post operative outcome in patients surgically treated with primary anastomosis Vs creation of stoma without anastomosis in case of acute intestinal obstruction
77.	A clinical study of serum procalcitonin as a prognostic marker in acute pancreatitis
78.	A comparative study between minilapchole cystectomy Vs laparoscopic cholecystectomy in a tertiary care centre
79.	Serum cholesterol levels as a predictor of surgical site infections after general surgical procedures in West Bengal
80.	Evaluation of clinical course & management strategy of gallstone pancreatitis
81.	A prospective observational study on the incidence of carcinoma gallbladder in cases of gallstone disease undergoing simple cholecystectomy
82.	A study on the risk factors clinical presentation and histopathological types of breast cancer in female patients
83.	Study of preoperative mechanical bowel preparation and no bowel preparation with evaluation of outcomes in patients undergoing elective colorectal surgeries
84.	An observational study on etiopathology and treatment outcome in patients with enterocutaneous fistula in a tertiary care hospital setup
85.	A clinicopathological study of colorectal carcinoma with special reference to WTI protein expression
86.	Effect of topical phenytoin in healing of diabetic foot ulcer
87.	Evaluation of role of hyperbilirubinaemia as a new diagnostic marker of complicated appendicitis
88.	Effectiveness of single dose Vitamin K among patients with surgical jaundice

89.	Comparative study of inguinal hernia repair via placement of mesh anterior and posterior to fascia transversalis in cases of unilateral inguinal hernia
90.	A correlation of clinico pathological and radiological profile among cases of chronic pancreatitis
91.	A comparative study of the efficacy of nanocrystalline silver dressing and silver sulfadiazine applied on burn wounds
92.	Comparison of preoperative ultrasonography and magnetic resonance cholangiopancreatography reports with intra – operative surgical findings among patients suspicious to choledocholithiasis in BSMC & H, Bankura
93.	A study on diagnostic accuracy of ultrasound guided fine needle aspiration cytology findings with histopathology findings in nodular goiter of thyroid
94.	Study of serum amylase to lipase ratio in differentiating between acute alcoholic and non – alcoholic pancreatitis in a tertiary care centre of Eastern India
95.	A study on a proposed paradigm shift in etiology and management of anal fissure
96.	Helicobacter pylori infection and its correlates among the patients of peptic perforation and gastric carcinoma attending BSMC&H, Bankura
97.	A study comparing the outcomes of early versus delayed ileostomy closure
98.	A comparative clinicopathological study between USG, mammography, FNAC and core needle biopsy of breast lump in BSMC &H, Bankura
99.	Low pressure versus standard pressure pneumoperitoneum in laparoscopic cholecystectomy: A comparative study
100.	Study of bisap score as a predictor of mortality in acute pancreatitis of adult patients
101.	An observational descriptive study on the role of tamsulosin in aiding spontaneous expulsion of lower ureteric calculi in a tertiary care teaching hospital
102.	An observational study on the incidence, severity and outcome of different etiological varieties of acute pancreatitis in a tertiary care hospital
103.	Tubularised incised plate urethroplasty with spongioplasty as additional tissue cover vs tubularised incised plate urethroplasty alone: A prospective observational study

## MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2017 – 2020

SL. NO	GENERAL MEDICINE
1.	A comparative study between low dose versus standard dose rituximab in patients of rheumatoid arthritis in a tertiary care center of North Bengal
2.	An Observational study of acute febrile encephalopathy in sub – Himalayan West Bengal with special attention to etiology and hospital outcomes
3.	An observational study of infections in patients with diabetes mellitus with special attention to glycemic control and hospital outcomes
4.	An observational study of CML patients attending a teaching hospital in sub – Himalayan West Bengal with special attention to their demographic parameters and treatment outcomes
5.	A comparative study between ultrasonographic and clinical findings of hands of rheumatoid arthritis patient
6.	Distribution of aetiological types of stroke among the diabetic adults admitted with stroke in a referral hospital
7.	Study on the glycemic profile of elderly stroke patients with special reference to correlation between hyperglycemia and the outcome of stroke
8.	Study of clinical profile of liver abscess in a tertiary care hospital
9.	Study on evaluation of precipitating factors of hepatic encephalopathy in cirrhotic patient with seasonal variation in one year in a tertiary care hospital of West Bengal
10.	A study of profile of acute kidney injury in patients in a tertiary care hospital
11.	A cross sectional study on diabetic patient with USG proven fatty liver to find correlation between fibroscan and FIB4 score
12.	Efficacy and early adverse reaction of anti snake venom in haematotoxic envenomation
13.	Assessment of prognostic ability of intracerebral hemorrhage score about short term outcome of hemorrhagic stroke with special reference to tribal population
14.	Impact of subclinical hypothyroidism in newly diagnosed case of type 2 diabetes mellitus patients
15.	Assessment of cardiovascular risk factors in asymptomatic young adults with family history of cardiovascular disease involving first degree relative attending BSMC &H, Bankura
16.	Clinical profile of ankylosing spondylitis and outcome of patients treated with infliximab
17.	A study of the prevalence of sleep disordered breathing in patients with hypertrophic cardiomyopathy
18.	Clinical profile and management of patients of amoebic liver abscess in a tertiary care centre
19.	A study of sleep disorders in patients with chronic kidney disease on dialysis
20.	Study on bone mineral density in adult patients with nephrotic syndrome

21.	A clinical correlation of EEG changes in relation to ischaemic stroke on its prognosis as per location
22.	A cross sectional observational study showing prevalence of osteoporosis in patients with diabetic neuropathy
23.	Determination of serum ferritin level in dengue patients and validating its level as biomarker for an early prediction of disease severity dengue
24.	A study of role of serum ascites albumin gradient and platelet count / spleen size ratio as predictors of esophageal varix in patients of chronic liver disease
25.	Study to correlate serum TSH level with foot at risk and foot not at risk in type 2 diabetes mellitus
26.	Study of hypogonadism in male population having alcoholic liver disease
27.	A study on assessment of left ventricular dysfunction in patients of diabetes mellitus
28.	To assess the relationship between level of serum cortisol and mortality in patients of severe sepsis and septic shock in intensive care unit of tertiary hospital
29.	A cross sectional study of non invasive screening tools in assessment of severity of disease in chronic liver disease patients
30.	A study on thyroid profile serum prolactin and glycosylated haemoglobin in critically ill patients and their correlation with mortality
31.	A study of the association between body fat distribution and chronic kidney disease in obese and overweight patients in a tertiary care hospital in Eastern India
32.	A study of the effect of body fat distribution on atherosclerotic cardiovascular risk in obese and overweight patients
33.	Study of phenotypic characteristic and metabolic profile in patients with non – alcoholic fatty liver disease
34.	A study of electrocardiographic and echocardiographic findings in chronic kidney disease patients in a tertiary care hospital
35.	A study on 25 (OH) Vitamin D3 levels in type 2 diabetes mellitus and its association with microvascular complications in a tertiary care hospital
36.	Role of cartridge based nucleic acid amplification test (CBNAAT) in diagnosis of tuberculous meningitis
37.	A study on the magnitude of dyslipidemia in subclinical hypothyroid subjects in a tertiary care hospital
38.	Prevalence of subclinical hypothyroidism in patients with chronic kidney disease in a tertiary care hospital
39.	Prevalence of hypogonadotropic hypogonadism in type2 diabetic male patients
40.	Study on sarcopenia as prognostic marker in cirrhosis of liver
41.	Study of glycaemic status in graves disease and its improvement with anti thyroid drugs
42.	Correlation of left ventricular systolic and diastolic function with albuminuria in newly diagnosed adult T2DM patients
43.	A study on the correlation of chronic obstructive pulmonary disease with metabolic syndrome and its components
44.	A comparative study of bone mineral density abnormalities using DXA scan between HIV positive patients on a TDF based first – line and HIV positive patients on non – TDF based regimens and HIV negative respondents in a tertiary care centre
45.	A comparative study on drug induced hepatotoxicity among HIV infected and HIV non infected cases of newly diagnosed tuberculosis
46.	Prognostic significance of serum fibrinogen level in patients with acute ischemic stroke
47.	Correlation between portal haemodynamics and esophageal varices in cirrhotic patients
48.	Incidence of stress hyperglycemia in acute ischemic stroke in non diabetic patients and its prognostic significance
49.	A study the cardiovascular function in patients with cirrhosis

50.	A study on patients with metabolic syndrome and its correlation with thyroid function
51.	A comparative study between pleural fluid cholesterol and lights criteria for differentiation of exudative and transudative pleural effusion
52.	A study on prevalence of diabetic peripheral neuropathy in adult patients of type 2 diabetes mellitus with special reference to electrophysiological study
53.	A study on risk factors of chronic kidney disease among young adults in a tertiary care hospital Kolkata
54.	Study of serum HDL level in sepsis patients and its prognostic significance
55.	To study the correlation between microalbuminuria and asymptomatic hyperuricemia in patients with metabolic syndrome
56.	Etiology and outcome of the patients with fever and jaundice for less than 7 days duration in a tertiary centre: A prospective and observational study
57.	Correlation between carotid intima media thickness with urine albumin creatinine ratio in patients with type2 diabetes mellitus
58.	Profile of patients presenting with thyrotoxicosis in a tertiary care centre
59.	Aspiration pneumonia among new onset stroke patients with bulbar palsy in a tertiary care centre of Kolkata
60.	Study of serum uric acid and serum albumin level in chronic kidney disease and its correlation with glomerular filtration rate
61.	Chronic liver disease (CLD) as a risk factor for atrial fibrillation – A cross sectional observational study in a tertiary care centre in Eastern India
62.	Hepatic profile in HIV positive patients before and after HAART in a tertiary care centre of Eastern India: An observational study
63.	Leukocytosis as a predictor of hematoma expansion and early neurological deterioration in intracerebral hemorrhage – An observational study from a tertiary care centre of Eastern India
64.	A study of association of serum albumin and serum LDH level as prognostic markers in patients suffering from dengue fever
65.	A study of correlation between anthropo metric measurements and carotid intima media thickness in newly diagnosed type2 diabetes mellitus patients in a tertiary care hospital in Eastern India
66.	Role of helicobacter pylori infection and use of NSAIDs in etiopathogenesis of non – variceal upper gastrointestinal bleeding in elderly patients
67.	A study of uric acid estimation in In-hospital sepsis cases in medicine department and its correlation with other markers of sepsis and in – hospital outcome of these patients
68.	A study of ECG abnormalities in haemorrhagic CVA patients and their association with areas of haemorrhage
69.	Profile of cardiac arrhythmia after acute myocardial infarction within 48hrs of hospital admission – A cross sectional observational study from a tertiary care centre of Eastern India
70.	Glycemic status and short tern outcome in patients with diabetes mellitus admitted with acute macrovascular complication in a tertiary care hospital in India
71.	A cross – sectional study of cardiac involvement in systemic lupus erythematosus in a tertiary care centre with emphasis on 2 – D echocardiography
72.	Relation between serum uric acid and hs-CRP level with microalbuminuria in patients with type2 diabetes mellitus
73.	Study of C – reactive protein in the prognostic evaluation of acute coronary syndrome (unstable angina and non ST elevation myocardial infarction)

74.	Role of impedance cardiography in assessment of myocardial function in acute myocardial infarction
75.	A cross sectional study on the association of glucose – 6 – phosphate – dehydrogenase deficiency with type 2 diabetes mellitus
76.	A case control study on change of serum complement levels (C3, C4) among the patients of dengue and other non – dengue fevers attending a tertiary care hospital in Kolkata
77.	Prevalence of non alcoholic steato hepatitis in patients with ischaemic heart disease and hypertension
78.	Relevance of common carotid intima – media thickness and carotid plaque as risk factor for ischaemic and haemorrhagic stroke
79.	Glucose 6 phosphate dehydrogenase levels in malaria and non malaria fever cases: A case control study
80.	An observational study on etiological profile of delirium in geriatric population in a tertiary care hospital in Kolkata
81.	A comparative study of photoplethysmographic blood pressure recording versus conventional non invasive and – invasive bedside blood pressure recording
82.	Study on the association of folic acid deficiency and diabetic nephropathy in patients with type2diabetes mellitus in Eastern part of India
83.	Correlation between platelet – to – lymphocyte ratio and neutrophil – to – lymphocyte ratio with liver fibrosis in non alcoholic fatty liver disease
84.	Effect of anaemia on HbA1C level in non – diabetic population
85.	A clinico – epidemiological study of vasculotoxic snake bite with particular reference to alteration of respiratory, hematological and renal function to determine its outcome in terms of morbidity and mortality in a tertiary care hospital in Kolkata
86.	A prospective study comparing ultrasonographic findings and inflammatory markers as a predictor of joint erosions in rheumatoid arthritis
87.	Observational study of adult type 2 diabetes mellitus and its effects on lipid profile and cardiological abnormalities on echocardiography
88.	A case control study on risk factors of coronary artery disease among patients attending tertiary care hospital
89.	Assessment of hs-CRP and serum uric acid level as a correlate of severity in acute ischaemic stroke in relation to immediate hospital course in a tertiary care hospital
90.	An observational study on etiology of fever cases attending in a tertiary care hospital in Kolkata and their correlation with G6PD level
91.	Prevalence of glucose – 6 – phosphate dehydrogenase deficiency in newly diagnosed human immunodeficiency virus infected patients: An observational study
92.	Valvular morphology in rheumatic mitral stenosis with special reference to echocardiographic score
93.	Prevalence of pulmonary manifestations in connective tissue disorders (SLE, Rheumatoid Arthritis, Systemic sclerosis): A cross sectional study
94.	Evaluation of Prevalence of cardiological manifestation of different autoimmune connective tissue disease
95.	Clinical and radiological study of pulmonary manifestations of rheumatoid arthritis
96.	A study to evaluate the role of high sensitivity c – reactive protein cerebrovascular accidents
97.	A study of serum uric acid level in chronic kidney disease in type 2 diabetes mellitus patients and its correlation with estimated glomerular filtration rate
98.	Plasma fibrinogen levels in acute ischaemic stroke, its clinical significance and association with serum lipid profile
99.	Clinical study of adenosine deaminase levels in cerebro spinal fluid the diagnosis of tubercular meningitis
100.	A study on the prevalence and pattern of thyroid dysfunction and association with CD4 counts amongst HIV / AIDS

	patients in a tertiary care center in Eastern India
101.	A study of spectrum of serum uric acid level in patient of metabolic syndrome and its correlation with different components of metabolic syndrome in BMC &H, Burdwan
102.	Prevalence of microalbuminuria in hospitalized patients with acute myocardial infraction and its association with short term outcome
103.	A comparative study of curb – 65 and expanded curb – 65 scoring systems in community acquired pneumonia in a rural based tertiary care center of West Bengal
104.	Cardiac changes in chronic obstructive pulmonary disease
105.	A study on clinical profile and outcome of adult patients with encephalitis in tertiary care hospital in Burdwan
106.	A study of serum sodium, potassium, lipid profile and glycated hemoglobin levels in subjects of acute myocardial infarction in a tertiary care hospital in Eastern India
107.	A study on demographic biochemical and clinical profile of non alcoholic fatty liver disease patients and its association with metabolic syndrome



## MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2017 – 2020

SL. NO	MICROBIOLOGY
1.	A comparative study of a combination of first generation elisa and fourth generation immunochromatographic test with gold standard RTPCR for the diagnosis of hepatitis C virus infection attending a tertiary care hospital in Kolkata
2.	Effectiveness of NS1 Elisa and IGM Elisa in diagnosis of dengue with special reference to changes in hepatic transaminases in dengue cases
3.	Bacteriocin production of hospital isolates of Escherichia coli and klesbsiella SPP
4.	Characterisation of afermentative gram negative rods in tertiary care hospital in Kolkata with reference to their ability to produce bacteriocin
5.	A comparative study between CBNAAT and line probe assay for the detection of mycobacterium tuberculosis complex and genotypic determination of rifampicin resistance
6.	Detection of toxoplasmosis among HIV infected / AIDS patients – A study in a tertiary care hospital of Kolkata
7.	Investigation of carbapenem resistant acinetobacter species from culture of clinical materials of patients admitted in a tertiary care hospital – An observational cross sectional study
8.	Detection and molecular characterization of vancomycin resistant enterococcus isolated from the patients attending a tertiary care hospital in Kolkata
9.	A study on scrub typhus as an etiological agent of acute encephalitis syndrome in West Bengal
10.	A study on identification and isolation of dermatophyte infection in patients attending in the dermatology OPD in a tertiary care hospital
11.	A search for association between biofilm strength and sites of infection caused by acinetobactor baumannii complex
12.	Role of simultaneous study of serum procalcitonin level and automated ID – AST detection of sepsis pathogens to AID antibiotic de-escalation and to justify choice and duration of antibiotic therapy at ITU of a tertiary care hospital
13.	A pilot study of antifungal effects of topically applied biomimicking nano – silver particles (AGNPS) on tinea corporis and pityriasis versicolor
14.	Study of isolation identification and detection of resistance pattern of non – fermenters from a tertiary care unit in Kolkata
15.	A clinico – mycological study of dermatophytic infections and their susceptibility to antifungal drugs in a tertiary care hospital in Kolkata
16.	Study of drug resistance pattern of mycobacterium tuberculosis isolates in a tertiary care hospital in Kolkata

17.	A study of bacteriological profile with antibiogram in cases of asymptomatic bacteriuria in antenatal mothers
18.	A study on microbiological profile with special refrence to antibiogram of bronchoalveolar lavage fluid received at microbiology dept. of a tertiary care hospital for microbiological processing
19.	Bacteriological profile and antibiotic sensitivity pattern of organisms causing urinary tract infection in paediatric patients in a tertiary care hospital in Kolkata
20.	Comparative study between CBNAAT, culture & ziehl neelsen smear of acid fast bacilli in patients attending in a tertiary care hospital in Kolkata

# MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2017 – 2020

SL.	RADIODIAGNOSIS
1.	To evaluate fetal renal artery Doppler indices in third trimester pregnancy and to compare the doppler indices and perinatal outcome in cases of isolated oligohydramnios and normal pregnancy
2.	Comparative study of pre – operative high resolution computed tomography in middle ear cholesteatoma with per – operative findings
3.	Transcranial ultrasonography and magnetic resonance imaging brain correlation in clinically diagnosed hypoxic ischaemic encephalopathy in neonates
4.	MRI evaluation and correlation of clinically diagnosed dementia
5.	Comparative study of role of multislice computed tomography angiography and doppler ultrasound in cases of peripheral arterial disease of lower limbs
6.	Magnetic resonance imaging evaluation of traumatic anterior cruciate ligament injury with arthroscopic correlation
7.	Pre operative high resolution computed tomography evaluation of middle ear pathology with particular reference to cholesteatoma and intra operative correlation
8.	Comparative study of acute infarct of brain in DWI and T2 flair MRI images
9.	A Comparative study on ultrasonographic assessment of thyroid swelling with fnac finding among the patients attending in a tertiary care facility of sub Himalayan region
10.	A comparative study between endovaginal ultrasonography and transabdominal ultrasonography in early pregnancy
11.	Imaging features of neurotuberculosis with its clinicopathological correlation
12.	A comparative study between transcranial ultrasound and MRI in early identification of clinically suspected neonatal hypoxic ischaemic encephalopathy
13.	Sonomammographic evaluation of palpable breast masses and correlation with guided core needle biopsy in a tertiary care centre at Northern part of West Bengal
14.	Utility of sonologically assessed foetal foot length in estimating gestational age
15.	Sonologically assessed fetal sacral length in estimation of gestational age
16.	Colour doppler study of fetomaternal circulation in pregnancy induced hypertension in third trimester and its intranatal outcome
17.	Evaluation of fetal clavicular length as a sonological parameter for the estimation of gestational age
18.	Comparison of accuracy between ultrasonography (USG) and magnetic resonance imaging (MRI) in Evaluation of meniscal lesions among the patients suffering from traumatic knee joint
19.	Evaluation of Diagnostic accuracy of ultrasonography (USG) and magnetic resonance imaging (MRI) in detecting tendo Achilles tears compared to peroperative findings
20.	Role of ultrasound evaluation of varied ovarian morphology in clinically and biochemically diagnosed polycystic ovarian disease
21.	Assessment of locoregional spread of carcinoma cervix by pelvic MRI
22.	Role of diffusion weighted imaging (DWI) in screening sequence of cryptorchidism
23.	Assessment of lumbosacral transitional vertebrae by X – Ray and MRI
24.	MR imaging of brain in children under five years age with history of hypoxic – ischemic encephalopathy at birth – A clinico – radiological correlative study
25.	Assessment of neural foramina by MRI in case of lumbar radiculopathy and its clinical correlation
26.	MRI evaluation of patellofemoral instability: Assessment of various predisposing factors and associated knee joint injuries
27.	Comparative study of MRI and HRUSG with colour doppler for characterizing atherosclerotic plaques in extracranial carotid artery

28.	Renal doppler assessment in differentiating obstructive from non – obstructive hydronephrosis in paediatric age groups
29.	A study on differentiation of benign and malignant thyroid nodule by high resolution ultrasonography and its correlation with cytology findings
30.	High resolution ultrasound study of infantile hypertrophic pyloric stenosis with post operative follow up and correlation with contrast study in borderline cases
31.	Correlation of high resolution USG findings in anterior abdominal wall lesions with surgical and histopathological findings
32.	A study to evaluate the response of ultrasound guided percutaneous ethanol injection in ablation of benign thyroid nodule
33.	Role of ultrasonography in diagnosis and characterization of cervical lymph node pathologies
34.	Spectrum of MRI findings in a cohort of idiopathic hypogonadotropic hypogonadism in a tertiary care hospital in Eastern India
35.	Role of ultrasonography in evaluation of focal hepatic lesions
36.	Role of gray – scale and doppler ultrasound of carotid artery in risk stratification of stable ischemic heart disease and its correlation with coronary angiography
37.	Role of triphasic MDCT in detecting and characterizing focal lesions of liver
38.	Role of high resolution computed tomography in the evaluation of interstitial lung disease
39.	Significance of ultrasonography in evaluation of vitreoretinal pathology
40.	A study on utility of magnetic resonance imaging combined with visual rating scales in evaluation of dementia etiologies

## MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2017 – 2020

SL. NO	EPIDEMIOLOGY (MPH)
1.	Morbidity pattern among jute mill workers of a jute mill in North 24 Paraganas, WB
2.	The epidemiology of chronic pain among adults: A cross sectional study in a rural population of WB, India
3.	An epidemiological study on diabetes, hypertension and their risk factors in a block of Purba Bardhaman, WB
4.	Stress and its determinants and coping strategy among coal miners of Eastern Coal Fields