

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2018 – 2021

SL. NO	E.N.T.
1.	A study on the role of Intratympanic medications vs Oral medications on Sensorineural Hearing Loss and its associated symptoms
2.	Thyroid image reporting and data system and its post operative correlation with Histopathology
3.	A clinical study to evaluate Concordance between Tirads Ultrasosography Criteria and Bethesda FNAC Criteria with Postoperative Histopathology in patients with thyroid nodule
4.	A Clinico-Radio-Phonological study if impairment in language and swallowing in post CVA patients
5.	A clinical study of Nasal Polyposis and comparison of the different methods of its management
6.	A comparative study of Open Cavity Mastoidectomy versus Cavityless Mastoidectomy in Chronic Otitis media of Squamosal variety
7.	A Clinicopathological evaluation of the correlation of Carcinoma Oral Tongue (Anterior two thirds) with cervical nodal Metastatis to assess the level of elective neck dissection - a hospital based prospective study
8.	A clinical study of outcomes of correction of deviated Nasal Septum using nose Questionnaires and its significance
9.	Study of Middle Ear function in patients with Sinonasal Polyposis
10.	Study of the Contralateral Ear in Symptomatic Unilateral Chronic Otitis media
11.	Study of correlation between Pre-operative Audiometric dindings and Intra-Operative findings in Chronic Otitis media
12.	A Clinicopathological study of Benign Lesions of Vocal Cords with special reference to Videostroboscopy and Microlaryngoscopy
13.	A study on Clinicopathological and Radiological presentation of Parotid Tumours
14.	A comparative study between Preoperative CT Scan findings in Chronic Sinonasal disease
15.	A study on Clinicopathological and Radiological presentations of Oral and Oropharyngeal cancers
16.	A Clinicopathological study on different types of Benigh Glottic Lesions that have undergone Microlaryngeal Surgery and to determine their outcome after the Surgery
17.	A Clinicopathological study on types of neck abscesses, Associated Comorbidies and different management modalities
18.	A clinical on Lateral wall of nose : Anatomical variants Radiological and endoscopic appearance and role in symptomatology in patients with Chronic Rhinosinustis

19.	Incidence of level IV Metastasis in Oral Squamous Cell Carcinoma irrespective of subsite
20.	A study of incidence of Ototoxicity in patients receiving concomitant Chemoradiation with Cisplating 10 mg /M2 weekly
21.	Outcome of Cochlear implantation in children with congenital hearing loss : our experience at tertiary care hospital
22.	Comparison of autologous microsliced emodified Tragal Cartilage Shield graft with Temporalis Fascia Graft in Primary type 1 Tempanoplasty: a prospective clinical trial in the age group of 13 to 50 years
23.	Comparative study in the outcomes of type1 Tympanoplasty and type1 Tympanoplasty combined with Cortical Mastoidectomy in Mucosal variety of Chronic Otitis Media (COM)
24.	A study on Chronic Rhinosinus it is based on its clinical assessment with its diagnostic evaluation
25.	Analysis of hearing outcome following Canal wall up and Canal wall down Mastoidectomy in Chronic suppurative Otitis media : a comparative study
26.	A study on complications of Parotidectomy and their management
27.	Comparative study between Microlap based technique and conventional method for excision of Benign Vocal Fold Nodular Lesions
28.	Comparative study of the advantages or disadvantages of power assisted Microdebrider technique over conventional Adenoid Curette method in surgery of Adenoidectomy
29.	A correlative assessment of Maternal and Neonatal factors in relation with sensori-neural hearing loss neonates in a tertiary care hospital
30.	Comparative assessment the efficacy of Tonsillectomy vs. conservative treatment in cases of Chronic Tonsillitis based on the effect on Humoral Immunity and the Local Bacterial Flora
31.	A prospective assessment of the effect of Endoscopic Dacryocystorhinostomy in Chronic Dacryocystitis on the Bacterial Flora of the Bacterial Flora of the Nasal Cavity
32.	A comparative study of efficacy of Temporalis Fascia vs Autologous Cartilage as a Graft material in Tympanoplasty
33.	White Lesions in Oral Cavity a Clino-Pathological study from a tertiary care hospital in Kolkata
34.	A study on the correlation between pre-operative Radiological findings and Intra-Operative findings in cases of Squamosal Chronic Otitis Media
35.	A clinical study of Caudal deviation of Septum and its treatment
36.	A clinical study to evaluate the Psychosomatic manifestations in patients of head and neck cancer in the peritreatment period
37.	Evaluation of outcomes following canal wall down Mastoidectomy and Tympanoplast - A prospective study

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2018 – 2021

SL.	RADIO -DIAGNOSIS
1.	Role of Multiphasic Multi-detector Computed Tomography (MDCT) in the diagnosis and staging of solid Neoplastic Renal masses
2.	Comprehensive MRI evaluation of carcinoma cervix with and without dynamic contrast enhanced study and its implication in the therapeutic decision making
3.	Ultrasonography and Computed Tomography of Abdomen : a prospective comparative study in Assessing Paediatric Abdominal Masses
4.	Role of imaging (Ultrasonography, Magnetic Resonance Imaging) in the evaluation of Adnexal masses and their correlation with Histopathological Examination - A comparative study
5.	A prospective comparative study on Radiological (Ultrasonography, Magnetic Resonance Imaging) and Arthroscopic findings of soft tissue injuries of knee joint in Medical College & Hospital, Kolkata
6.	MR imaging of brain for evaluation of Benign Etiologies of Seizure Disorder in Paediatric age group
7.	Sonographical evaluation of superficial soft tissue swellings and its correlation with Fine Needle Aspiration Cytology
8.	Usefulness of Ultrasonography in diagnosing Abdominal Trauma compared to CT Scan
9.	Accuracy of Transcranial Ultrasound among suspected birth Asphyxia cases for Evaluating patterns of brain injury compared with MRI at Bankura Sammilani Medical College and Hospital
10.	Role of Ultrasonography and CT Scan diagnosing Adnexal masses with Histopathological Correlation
11.	Ultrasonography and Cytological Correlations in Lateral Neck Masses - An Institutional based study
12.	Correlation of Biochemical Parameters with CT Severity Index in Acute Pancreatitis at Bankura Sammilani Medical College and Hospital at Baukura
13.	Developing a Magnetic Resonance Imaging Protocol for detection of Tumor Regression in Post Neoadjuvant Concurrent Chemoradiated Rectal Tumor : A Pilot study in Eastern India
14.	Estimation of proportion of different subtypes of White matter disease in children evaluated by Magnetic Resonance Imaging
15.	Role of Ultrasound and Magnetic Resonance Imaging in Prenatal Diagnosis of Placenta Accreta
16.	Magnetic Resonance Imaging evaluation of pattern of involvement in Ischemic Stroke in young patients
17.	Multidetector computed Tomographic evaluation of Anatomical variation of Paranasal Sinuses
18.	A study on Ultrasonographic changes in patients of Polycystic Ovary Syndrome and its correlation with clinical and Hormonal profile
19.	Role and correlation of Ultrasonography and Magnetic Resonance Imaging in evaluation of Rotator Cuff in patients with Shoulder pain
20.	Radiological evaluation of Ovarian Mass by Ultrasound Colour Doppler study and contrast-enhanced

	computed Tomography Abdomen with Clinicopathological correlation
21.	A study on prevalence of Peripheral Arterial Disease by Colour Doppler Imaging of Lower Limb Arteries in patients with Type II Diabetes Mellitus and its correlation with Glycemic Control and other risk factors
22.	Correlation of Ultrasonography and Magnetic Resonance Cholangiopanceatography in different types of Choledochal Cysts
23.	Role of use & Multi-detector Computed Tomography in diagnosis of Acute Abdomen - A comparative study
24.	A comparative study of Ultrasonography and non contrast enhanced computed Tomography diagnosing and size estimation in cases of Urolithiasis
25.	Correlation on between Ultrasonography and computed Tomography to evaluate Pancreatic Lesions
26.	A study on the prevalence of Lipodystrophy and agreement between clinical and radiological imaging methods in diagnosing Lipodystrophy in Insulin requiring subjects with diabetes
27.	A study on role of Color Doppler in assessing suspected Intrauterine Growth Restriction of Fetus
28.	A comparative study on Fetal Transcerebellar Diameter and Standard Sonographic Parameters in determining Gestational age in a tertiary care Hospital of West Bengal
29.	Lower Limb Arterial Doppler Findings in Diabetic adults and its correlation with clinical findings and Glycemic control
30.	Evaluation of the Carotids in stroke and Transient Ischemic attack patients : A comparison between Ultrasonography and Magnetic Resonance Angiography
31.	Ultrasonography and computed Tomography of Focal Liver Lesions and correlation with fine Needle Aspiration Cytology
32.	A comparative study between Ultrasonography and computed Tomography in the evaluation of early phase of Acute Pancreatitis
33.	Multidetector CT and ST MRI Evaluation of Paranasal Sinuses Leisons
34.	Combined Sonographic, Mammographic and MRI Evaluation of Breast Lump with Histopathological correlation in women of age group 35-65
35.	MRI and Arthroscopic correlation in Anterior Crociate Ligament Injury in young and middle aged population
36.	A study relating association of Anterior Circulation Ischaemic CVA and Carotid Artery Pathology assessed by MRI of Brain and Carotid Doppler study
37.	Prospective study to characterise Achalasia Cardia patients & outcome of Endoscopic treatment with correlation of Clinical Radiological & Manometry Data
38.	Diagnostic Accuracy of high resolution MRI in Pre-operative Local T staging of Primary Rectal Cancer on a 3T MR Scanner & its post operative Histopathological correlation
39.	Study comparing the utility of Digital Radiography and HRUSG for detection of superficial foreign bodies and their depth
40.	Ultrasonographic assessment and supplemental role of MRI in diagnosis of Morbidly Adherent Placenta in Post Cesarean cases

41.	Role of real time B-mode Gray-Scale Ultrasound Colour Doppler and MRI in evaluation of Soft Tissue Vascular Anomalies in Peditric Age Group
42.	Pattern of involvement of Lower Limb Arteries in Atherosclerotic Disease - correlation by Doppler and CT Angiography
43.	Role on MRI in assessing the Vascularity of Osteonecrotic Femoral Head with special emphasis on post treatment Revascularization status
44.	Magnetic Resonance Imaging and Multi detector Computed Tomography evaluation of Cranilvertebral Junction Abnormalities
45.	Retrospective Analysis of total Kidnet volume by MRI in APDKD patients before and after treatment with Metformin
46.	A prospective comparative study on Magnetic Resonance Cholangiopancreatography (MRCP) First on Endoscopic Ultrasonography (EUS) First strategy for treatment of patients with intermediate probability of Common Bile Duct (CBD) Calculus

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SL.	ANAESTHESIOLOGY
1.	Effect of intravenous ondansetron on subarachnoid block induced hypotension and bradycardia on patients undergoing caesarean section
2.	Comparative study to evaluate post operative analgesia with USG guided unilateral adductor canal block by using combination of bupivacaine with dexamethasone or morphine after total knee replacement
3.	Correlation between optic nerve sheath diameter (ONSD) and neurological prognostic scores (Glasgow Coma Scale) & (Full Outline of Unresponsiveness Score) in critically ill patients
4.	A randomized control trial of two doses of pregabalin as a premedication for general anaesthesia in major abdominal surgeries and its fentanyl sparing effect, in a tertiary care hospital, Kolkata
5.	Comparative study of 0.5% levobupivacaine vs 0.5% ropivacaine in ultrasound guided infraclavicular brachial plexus block
6.	A comparative study of caudal ropivacaine (0.25%) vs caudal ropivacaine (0.25%) and clonidine (2mcg / kg Body Weight) in prolongation of post operative analgesia in children under going infra umbilical surgery
7.	A prospective interventional study to compare tramadol v/s pethidine in management of perioperative shivering in patients receiving neuraxial anaesthesia
8.	A comparative evaluation of oral clonidine and oral gabapentin as premedication in patients undergoing spinal anaesthesia on postoperative analgesia duration
9.	Comparison of non - inflatable cuff (1 - gel) & inflatable cuff (soft seal LM) second generation supraglottic airway devices in anaesthetised, adult patients
10.	A comparative study between lignocaine jelly and water - based lubricating jelly applied over endotracheal tube to reduce post - operative sore throat, cough, hoarseness of voice assessed by direct question naire technique
11.	Efficacy and safety of continuous wound infiltration with local anaesthetics for post operative pain management in patients undergoing open cholecystectomy under general anaesthesia: A prospective, randomised and control study
12.	Colloid versus crystalloid co - loading for elective caesarean section under spinal anaesthesia and its effects on maternal hemodynamics using lithium indicator dilution cardiac output monitor - A randomized prospective comparative study A comparative clinical evaluation regarding efficacy between aprepitant and ondansetron in the prevention of post - operative nausea and vomiting in patients undergoing general anaesthesia for

	laparoscopic cholecystectomy operation
13.	Peri - incisional electroacupuncture for management of post - operative pain following total abdominal hysterectomy under general anaesthesia: A prospective randomised comparative study
14.	A comparative study between 0.5% bupivacaine (Heavy) and 2 - chloroprocaine (preservative free) for spinal anaesthesia in elective short surgical procedures
15.	To compare the effect of esmolol and diltiazem infusion on haemodynamic response to pneumoperitoneum in laparoscopic cholecystectomy
16.	A comparative study for rapid identification of epidural space by loss of resistance, hanging drop, infusion drip technique in patients undergoing below umbilical surgery
17.	A comparative study between medial and lateral approach for ultrasound guided infraclavicular brachial plexus block
18.	Comparative study of ambu aura gain and I - Gel for airway management of patients undergoing short surgical procedures
19.	A study of customised versus fixed height pillow for improving glottic visualization during endotracheal intubation in sniffing position by direct laryngoscopy
20.	A comparative study between ropivacaine with potassium chloride versus ropivacaine with sodium bicarbonate for supraclavicular brachial plexus block in upper limb surgery
21.	Comparison between intranasal and sublingual midazolam by using atomizer spray for pre - medication in paediatric surgery A comparative study of dexmedetomidine and nitroglycerine in induced hypotension for functional endoscopic sinus surgery
22.	A comparative study of oral clonidine and oral gabapentine as premedication for the control of haemodynamic surge in patients undergoing elective laparoscopic cholecystectomy
23.	A comparative study between the effects of subhypnotic doses of propofol and midazolam on intra - operative nausea and vomiting during caesarean section under spinal anaesthesia
24.	Comparison of propofol versus propofol with low dose succinylcholine to evaluate lma insertion

25.	Comparison of hemodynamic alterations and postoperative profile with sevoflurane as inhalational agent and propofol as total intravenous anaesthetic agent during laparoscopic cholecystectomies
26.	Comparison of efficacy between intravenous clonidine and dexmedetomidine as premedication in attenuating hemodynamic stress responses during laparoscopic cholecystectomy
27.	An assessment of comorbidities among patients attending the preanaesthetic clinic
28.	Bilateral superficial cervical plexus block in thyroid surgery with intravenous versus local infiltration of dexamethasone - A randomised single blinded comparative study
29	Comparative study of hemodynamic changes and intubating conditions after the intravenous administration of rocuronium and succinylcholine during general anaesthesia
30	Correct depth endotracheal tube for orotracheal intubation in Indian adults and its correlation with height
31	Comparative study between only bupivacaine spinal analgesia and bupivacaine spinal analgesia with intravenous dexmedetomidine in abdominal hysterectomies
32	Comparison of efficacy and safety of spinal anaesthesia with levobupivacaine versus combined lumbar plexus and sciatic nerve block with levobupivacaine in lower limb orthopaedic surgery
33	A comparative study of intraarticular ropivacaine and ropivacaine along with dexmedetomidine for postoperative analgesia in patients undergoing knee arthroscopic surgery under spinal anaesthesia
34	The effect of dextrose infusion on incidence of postoperative nausea and vomiting and its correlation with plasma osmolarity on patients undergoing laparoscopic cholecystectomy
35	A prospective randomized single - blinded comparative study between intravenous propofol and inhalational sevoflurane for ease of classic laryngeal mask airway insertion in patients undergoing elective surgery
36	Prospective randomised comparative study between volume controlled, pressure controlled and pressure regulated volume controlled ventilation in improving respiratory dynamics during laparoscopic cholecystectomy

37	A prospective randomized double blind placebo controlled study between preoperative magnesium sulfate and zinc sulfate gargle for prevention of postoperative sore throat following endotracheal intubation
38	A parallel group double - blinded randomised controlled trial to assess the optimum dose of ketamine in management of early postoperative pain in elective laparoscopic cholecystectomy
39	A prospective randomised double blind comparative study between intravenous clonidine and dexmedetomidine for post - spinal anaesthesia shivering
40	Effect of airway nebulization with ropivacaine on intubation and extubation responses in patients undergoing surgery under general anaesthesia: A randomized double blind controlled study
41	The effect of epidural bupivacaine on height of block following single - shot spinal anaesthesia in hypertensive patients posted for elective abdominal hysterectomy: An observational study
42	Comparison of proseal laryngeal mask airway (PLMA) insertion: digital technique vs gum elastic bougie guided technique in patients undergoing modified radical mastectomy (MRM) under general anaesthesia
43	Analgesic effects of magnesium sulfate with levobupivacaine and levobupivacaine alone for epidural anaesthesia: A prospective observational study in mild pre - eclampsia patients undergoing elective caesarean section
44	A comparative study between intravenous esmolol and intravenous labetalol for attenuation of haemodynamic response during laryngoscopy and tracheal intubation
45	A comparative study between intrathecal dexmedetomidine and clonidine as an adjuvant to hyperbaric bupivacaine in lower limb orthopaedic surgeries
46	Comparative study of the efficacy of nebulised ketamine versus magnesium sulphate in reducing incidence and severity of post - operative sore - throat, hoarseness and cough
47	A prospective observational study to compare the efficacy and the duration of dexmedetomidine and nalbuphine as an adjuvant to bupivacaine in supraclavicular brachial plexus block in upper limb orthopaedic surgery
48	A prospective observational study of intravenous ondansetron and opalonosetron in attenuating hypotensive response following spinal anaesthesia in patients undergoing elective caesarean section

49	Comparative study of safety and efficacy of three airway devices endotrachealtubeigel and baskamask in patients undergoing elective laparoscopic cholecystectomy - A prospective cohort study
50	Relationship of intraoperative cerebral oximetry monitoring and postoperative organ dysfunction in patients undergoing off pump coronary artery bypass surgery a prospective randomised controlled study
51	Comparison between ketamine hydrochloride and tramadol hydrochloride in prophylaxis of shivering during lower limb surgery under spinal anaesthesia
52	Evaluation of surrogate techniques for achieving recommended cuff pressure in endotracheal tubes - A comparison between pilot balloon palpation and passive release technique
53	The comparative study between fentanyl and lignocaine - tramadol magnesium sulfate combination on intraoperative hemodynamics and intubation surge in patients undergoing surgery under balanced general anaesthesia
54	Factors influencing outcome in patients undergoing mitral valve replacement, A prospective observational study
55	Study to compare the effects of dexmedetomidine v/s fentanyl as adjuvant with 0.75% ropivacaine for epidural anaesthesia & postoperative analgesia in lower limb surgeries
56	Efficacy of intrathecal fentanyl and butorphanol with 0.5% heavy bupivacaine for lower limb surgery; A prospective randomised comparative study
57	Comparison of short versus long axis ultrasound guided jugular venous cannulation in cardiac surgery: A prospective randomized double blind controlled trial
58	A comparative study of thyromental height vs thyromental distance in Indian obese population as a predictor of difficult laryngoscopy undergoing general anaesthesia
59	Relationship of preoperative right ventricular function and outcome after mitral valve replacement surgery - A prospective observational study
60	A comparative study of hemodynamic stability through intraoperative fluid administration guided by stroke volume variation assessment versus conventional parameters in terms of inferior vena cava diameter and collapsibility index during spine surgery

61	Controlled hypotension during functional endoscopic sinus surgery - A comparative evaluation between propofol and dex medetomidine infusion
62	Pain measurement in mechanically ventilated - critically ill patient: assessment of the integrity of the behavioral pain scale and the critical care pain observational tool
63	Comparison of 3% hypertonic saline and 20% mannitol for reducing intracranial pressure assessed by usg guided optic nerve sheath diameter in patients undergoing craniotomy
64	A comparative study of analgesic efficacy of ultrasound guided serratus anterior plane block versus conventional thoracic paravertebral block for modified radical mastectomy under general anaesthesia
65	A comparative study of haemodynamics, electrolytes, metabolic changes and immediate post operative recovery during phone and complete supine percutaneous nephrolithotomy with dexmedetomidine infusion
66	Comparison between gabapentin and pregabalin as premedication before spinal anaesthesia in lower abdominal surgery
67	Comparison of classical interscalene block and combined suprascapular nerve block with axillary nerve block for post operative analgesia after shoulder arthroscopic surgery
68	Transnasal sphenopalatine ganglion block for postdural puncture headache of moderate severity: An observer blind - parallel group randomized control trial
69	Randomised trial for comparison of usg guided fascia iliaca block vs 3in block in lower limb surgeries
70	Haemodynamic response to tracheal intubation in hypertensive patients: Comparison between direct laryngoscopy and video laryngoscopy
71	Association of venous to arterial carbon dioxide tension difference (APCO ₂) with cardiac output monitoring in resuscitation therapy of critically ill patient
72	A clinical comparison of analgesic efficacy of dexmedetomidine and dexamethasone as adjuvant to ropivacaine in erector spinae plane block during lumbar spine surgery

73	I - gel versus laryngeal mask airway classis - A comparison between two supraglottic devices
74	Comparative study of analgesic efficacy of combination of ropivacain - dexamethasone and ropivacain - dexmedetomidine in supraclavicular approach of brachial plexus block in upper limb surgery
75	Supraclavicular brachial plexus block with 0.25% bupivacaine for upper limb surgery: A clinical comparison of efficacy between bupivacaine alone and bupivacaine with midazolam as an adjuvant
76	Efficacy of transtracheal local anaesthetic injection versus topical anaesthesia of airway with "spray - as - you - go" technique for awake fibre - optic intubation - A prospective randomised comparative clinical study
77	Attenuation of hemodynamic responses to laryngoscopy and endotracheal intubation with intravenous dexmedetomidine: A comparison between two doses
78	Comparison of efficacy of two different doses of intravenous dexmedetomidine on patient satisfaction comfort and sedation during awake fiberoptic intubation in patient undergoing cervical spine injury in a tertiary care centre
79	Comparison of epidural bupivacine and dexmedetomidine with bupivacine and fentanyl for postoperative pain relief in lower limb orthopedic surgery
80	A comparative study of dexmedetomidine and fentanyl as adjuvant to bupivacaine for combined spinal epidural anaesthesia for lower limb surgeries
81	Nasogastric tube insertion in anaesthetised intubated adult patients: A comparison between the conventional method and the sort manoeuvre
82	A comparative study of efficacy of erector spinae plane (ESP) block for post - operative anaesthesia by 0.2% ropivacaine in lumbar spine surgery
83	A comparative study between propofol and dexmedetomidine as premedication in preventing etomidate induced myoclonus in patients undergoing general anesthesia for supraumbilical surgery
84	Conscious sedation for middle ear surgeries: A comparative study on sedative effect of dexmedetomidine and propofol infusion in mastoid surgery in a tertiary care center

85	Upper lip bite test and ratio of height to thyromental distance for predicting difficult airway intubation
86	Comparison of nebulised dexmedetomidine ketamine or midazolam as premedication in preschool children undergoing general anaesthesia
87	A comparative study between ketamine and magnesium sulphate to attenuate post operative sore throat after orotracheal intubation - A randomised placebo controlled single blind clinical trial
88	A comparative study of post operative analgesic effect between interscalene brachial plexus block with superficial cervical plexus block versus interscalene brachial plexus block with suprascapular nerve block for shoulder and clavicular surgeries
89	Role of prophylactic intramuscular glycopyrrolate in preventing hypotension and bradycardia in patients undergoing elective lower limb surgeries under spinal anaesthesia - A placebo control study
90	Comparison of oral pregabalin and oral clonidine for attenuation of haemodynamic response to laryngoscopy and endotracheal intubation - A prospective randomized single blind clinical study
91	I gel vs lma classic: comparison of two supraglottic airway devices in short surgical procedures
92	Efficacy of intravenous lignocaine vs topical lignocaine in attenuation of hemodynamic surge during laryngoscopy and intubation in patients undergoing surgery under general anesthesia - A single blinded randomized controlled study
93	Prevention of hemodynamic responses to laryngoscopy and intubation: A comparative study between IV magnesium sulphate, IV esmolol and placebo in elective laparoscopic cholecystectomy
94	Efficacy of norepinephrine and phenylephrine in prevention of hypotension and its reflection on fetal blood gas analysis in patients undergoing caesarean section under spinal anaesthesia - A comparative study
95	Comparison of butorphanol and nalbuphine as premedication in patients undergoing elective craniotomy using propofol and desflurane anaesthesia
96	Evaluation of post - operative analgesic effect of intraoperative infusion of inj. Lignocaine and inj. Dexmedetomidine in thyroid surgeries - A comparative study Comparison between videolaryngoscopy and macintosh laryngoscope for endotracheal intubation in elective surgery: A prospective study

97	Comparative study of clinical effects of USG guided adductor canal block versus femoral nerve block for post operative analgesia in total knee replacement under spinal anaesthesia
98	Comparison of haemodynamic effects following conventional direct laryngoscopy guided intubation using macintosh laryngoscope and intubation using intubating laryngeal mask airway: An observational study
99	Effect of prophylactic intramuscular glycopyrrolate on the incidence of hypotension during spinal anesthesia for cesarean delivery
100	Comparison of haemodynamic effects and dose of vasopressor in normotensive parturients versus patient with pregnancy induced hypertension during elective lower uterine caesarean section under spinal anaesthesia
101	A comparison of maternal hypotension and block characteristics of right lateral and sitting positions during spinal anaesthesia for caesarean delivery - An observational study
102	Haemodynamic responses after rapid sequence induction with ketamine and etomidate among different category of emergency non neurological surgery patients atrisk of shock classified by shock index: A descriptive observational study
103	Comparative study between tramadol and dexmedetomidine in controlling intraoperative shivering after spinal anesthesia
104	Comparative study of sonographic measurement of pre - e /e - vc ratio vs hyomental distance ratio to correlate cormack lehanne grading for airway assessment
105	A comparative study of clinical effects of intrathecal levobupivacaine and fentanyl versus bupivacaine and fentanyl in patients suffering from malignancy of lower genitourinary tract undergoing interstitial radiotherapy under saddle block

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SL.	“MS – GYNAE. & OBST.”
1.	Clinical outcome of dinoprostone vaginal pessary and dinoprostone intra-cervical gel on cervical ripening and induction of labour - A comparative study
2.	Comparative study of clinical staging vs clinico - radiological staging of carcinoma cervix and its implication in the therapeutic decision making
3.	An evaluation of lower urinary tract symptoms (LUTS) in postmenopausal women and response to medical treatment
4.	A comparative study on quantitative assessment of blood flow and vascularization in polycystic ovary syndrome patients and normal women using three - dimensional power doppler ultrasonography
5.	A comparative study of efficacy of two fixed doses of tranexamic acid for reducing blood loss during caesarean delivery
6.	Antepartum fetal surveillance by non - stress test in high - risk pregnancy and its correlation with perinatal outcome
7.	A prospective study to assess early pregnancy low level of pregnancy associated plasma protein a (PAPP - A) outcome
8.	A prospective study of second and third trimester uterine artery and umbilical artery doppler indices among healthy singleton and high risk gestation and relationship with pregnancy outcome
9.	efficacy of maternal clinical risk factors, bishop score and cervical length by trans vaginal sonography in prediction of spontaneous preterm birth in women with threatened preterm labour - A prospective observational study
10.	knowledge of spacing births and acceptance acceptance of reversible modern methods of postpartum contraception in a tertiary care centre - A prospective observational study
11.	A prospective study on prevalence of thalassaemic disorder in pregnancy and its adverse outcome in a tertiary care hospital
12.	A prospective study on serum homocysteine level in early pregnancy and its correlation with adverse outcome

13.	Relationship between persistence of uterine artery early diastolic notch during second trimester, maternal hypovitaminosis D and obstetric outcome
14.	A comparative study on anemia in pregnancy in tribal and non tribal women and their obstetric outcome
15.	Evaluation of fetomaternal outcome in pregnancy with severe anemia - An observational study in NBMC &H
16.	Efficacy and safety of vacuum delivery of high floating head compared to manual extraction during caezarean section - A comparative study
17.	A study to evaluate vthe occurrence of liver function test abnormalities in pregnancy induced hypertensive patients and their fetomaternal outcome in NBMC &H
18.	A study of maternal deaths and maternal near miss in a rural tertiary referral center in Darjeeling District
19.	Comparative evaluation of post - operative morbidities between abdominal hysterecomy versus nondescent vaginal hysterectomy for benign uterine conditions
20.	An observational cross sectional study on the spectrum of gestational trophoblastic diseases and their clinical presentation and management in NBMC &H
21.	A before and after comparative study of the effect of metformin on ovarian morphology and biochemical parameters in polycystic ovarian syndrome in women of reproductive age group
22.	A comparative study between adjunctive azithromycin prophylaxis with ceftriaxone vs ceftriaxone prophylaxis for cesarean delivery
23.	Evaluation of serum c- reactive protein and lipid profile in women with preeclampsia
24.	A srtudy on acute kidney injury in obstetrics admitted in a tertiary care hospital
25.	An observational study showing vaginal cleansing before cesarian delivery reduces postoperative morbidity and mortality in BMC &H
26.	A prospective observational study on fetomaternal outcome in patients with intrahepatic cholestasis of pregnancy treated with ursodeoxycholic acid

27	Association of serum LDH with fetomaternal outcome in preeclampsia and eclampsia in comparison to normal pregnancy
28	A study on role of diagnostic laparoscopy to assess different etiologies in female infertility
29	A prospective observational study on the efficacy of drotaverine hydrochloride and valethamate bromide on cervical dilatation in active labour
30	An observational study showing merits and demerits of hysterectomies through two conventional routes (Vaginal and Abdominal) for gynaecological condition without uterine descent in BMC &H
31	Evaluation of fetal - maternal outcome in pregnancy with heart diseases in a rural based tertiary care hospital
32	Study of correlation between lipid profile and uterine leiomyomas in patients attending the gynaecology OPD in a tertiary care hospital
33	Comparative study on modified Joel - Cohen incision versus Pfannenstiel incision for cesarean section
34	Correlation between clinical and sonographic diagnoses in first trimester pregnancy complications: A prospective study in a medical college
35	Comparison of mifepristone (200mg) followed by misoprostol (800mg) 6 hrs later with 24 hrs later in early pregnancy failure
36	Comparison of outcome of suture materials polyglactin 910 and polyamide monofilament as subcuticular stitches in caesarean section
37	Comparative study between "patwardhan" technique and "push and pull" technique during caesarean section in second stage of labour in a tertiary health care centre
38	Comparative study of use of digital partograph and paper partograph for monitoring labour
39	Role of platelet indices for determining fetal-maternal outcome in mothers with severe preeclampsia and eclampsia
40	A study of fetal-maternal outcome in pregnancies with abnormal liquor volume at a tertiary care hospital

	of West Bengal
41	A prospective observational study on maternal and foetal outcome in multifoetal pregnancy at Midnapore Medical College & Hospital
42	A prospective comparative study on B- lynch surgical technique and other surgical methods for control of massive pph in a tertiary care hospital in India
43	Self medication of abortion pill and its complications: A prospective observation study
44	Correlation of preoperative and intraoperative assessment of pelvic organ prolapse by pelvic organ prolapse qquantification (POP - Q) system - A prospective observational study
45	Maternal thyroid hormone status in preeclampsia and normal pregnancy during third trimester a comparative observational study
456	An observational study on late onset intrauterine growth rest riction and its perinatal outcome
47	Randomized controlled intervention study on effectiveness of transcervical intrapartam amnioinfusion in case meconium stained amniotic fluid
48	Prospective study on efficacy of admission cardiotocography on neonatal outcome in term pregnancy admitted in labor in a rural based tertiary care centre
49	Umbilical cord coiking index and perinatal outcome
50	A study on menstrual problems of adolescent girls attending the gynaecology and obstetrics out - patient department at BSMC &H, Bankura
51	An observational prospective comparative study of feto - maternal outcomes between instrumental vaginal delivery and cesarean section in second stage of labor Comparative observational study between abdominal hysterectomy and laparoscopic hysterectomy
52	A descriptive cross sectional study of etiopathological and clinical factors in ectopic pregnancy in a tertiary care hospital
53	A case control study on risk factors of pre - eclampsia in BSMC &H, Bankura

54	Maternal and early neonatal outcome among the elderly pregnant women delivered at BSMC &H, Bankura, WB
55	Co - relation of birth weight with advance maternal age, parity & high risk pregnancy (hypertension / anaemia / diabetes) among new borns delivered
56	The risk factors, indications and outcome among relaparotomy following cesarian section cases in BSMC &H, Bankura, WB
57	A prospective observational study of vaginal hysterectomy and placement of transobturator tape in stress urinary incontinence
58	Causes and risk factors for perinatal death in an urban teaching hospital
59	Prevalence of anti - thyroid peroxidase antibodies among hypothyroid women during pregnancy and its effects on feto - maternal outcome
60	Perinatal outcome among women with meconium stained liquor in labour
61	Identification of causes of caesarean section in an urban teaching hospital by using robson ten group classification system: An observational study
62	Effect of gestational weight gain and maternal body mass index on maternal and perinatal outcome
63	Study of efficacyof dinoprostone gel for induction of labour in prolonged pregnancy and its effect on feto - maternal outcomes in a state teaching hospital in Eastern India
64	A study of maternal and perinatal outcome in term pregnancy - early term, full term and late term
65	Risk assessment and scoring system of venous thromboembolism and its prevention during pregnancy and puerperium
66	Evaluation of partograph in monitoring progress of labour and feto - maternal outcome in first stage of labour in an urban teaching hospital
67	Maternal and perinatal outcome in term pregnancy with oligohydramnios
68	Evaluation of serum vitamin D ₃ level in vitamin D ₃ supplemented 9 to 12 months old children in a

	tertiary care hospital
69	An analytical study on increasing number of caesarean section in a tertiary care hospital
70	A study on evaluation of bleeding per vagina in first trimester of pregnancy and its outcome
71	A comparative study on platelet count and platelet indices in the assessment of normal pregnancy vs preeclampsia and eclampsia
72	The effect of complete course of antenatal on neonatal outcome in preterm birth in comparison to incomplete dose of antenatal corticosteroids
73	A study regarding comparative analysis of microalbuminuria & uterine artery doppler values as predictors of pre - eclampsia
74	A study on ocular ultrasonography to diagnose increased intracranial pressure in patients with pre - eclampsia _ A prospective observational study in a tertiary care centre
75	Evaluation of adverse maternal outcomes in preeclampsia with a risk prediction model (piers) A study on asymptomatic bacteriuria in pregnancy among antepartum mothers and correlation with fetomaternal outcome
76	A comparative study of effectiveness of dienogest with injectable dmpa for treating the pain associated symptoms with endometriosis in a tertiary care hospital
77	A study on role of low dose mifepristone in the management of fibroid in reproductive age group women
78	To study congenital anomalies at birth in a tertiary centre
79	A prospective study of effectiveness of delayed cord clamping in term babies as well as in preterm babies
80	A comparative study of neonatal and maternal outcome between forceps delivery and vacuum extraction
81	Histopathological changes of endometrium in case of uterine leiomyoma
82	Comparative study of effectiveness of pap smear and visual inspection with acetic acid for screening of

	pre-malignant and malignant lesion of cervix in a tertiary care hospital of Kolkata
83	Maternal and perinatal outcome of pregnancy with thalassemia
84	A comparative study of pregnancy outcome and risk factors in preterm premature rupture of membranes between 28 to less than 34 weeks of gestation and 34 to 37 weeks of gestation
85	Evaluation of various determinants and outcome of maternal near-miss cases at a tertiary care hospital - an observational study
86	A comparative study between combined oral contraceptive pills and dienogest in treatment of endometriosis
87	A comparative study of vaginal misotrostol 600mcg versus manual vacuum aspiration for first trimester missed abortion
88	Evaluation of acceptability, safety, efficacy and outcome of post-placental IUCD insertion in women undergoing both vaginal delivery and caesarean section
89	A prospective observational study to evaluate fetal & maternal outcome of thrombocytopenia with pregnancy at a tertiary care centre
90	A study on etiological aspects of intrapartum fetal death and unexpected early neonatal death
91	To study the fetal and maternal outcomes and perinatal transmission in pregnancy associated with acute viral hepatitis
92	A comparative study of obstetric outcome between primigravida and pregnant women following previous spontaneous abortion attending tertiary care hospital
93	Prediction and estimation of pregnancy-induced hypertension by maternal serum beta hCG level in the second trimester of pregnancy
94	Pregnancy outcome in AFI less than 5 in term low-risk pregnancy
95	A comparative study between colour Doppler and non-stress test as predictor of perinatal outcome in pregnancy-induced hypertension (PIH) and intrauterine growth restriction (IUGR)

96	Urinary tract infection following vaginal hysterectomy with or without pelvic reconstructive surgery for benign gynecological conditions
97	A prospective observational study of role of low dose mifepristone in the management of uterine fibroids
98	The effects of maternal dexamethasone administration on foetal doppler flow velocity waveforms in pregnancies considered at risk of preterm deliveries - A cross sectional study
99	Role of intra - uterine condom tamponade in management of atonic post - partum hemorrhage Association between postpartum depression and premenstrual dysphoric disorder in cases of elective caesarean section in primigravida patients in a tertiary care hospital in Kolkata : A longitudinal observational study
100	A descriptive study on maternal near miss cases in a tertiary medical college, Kolkata
101	A study of interpregnancy interval effect on perinatal outcome
102	Prophylactic subcutaneous suction drain versus no drain after cesarean delivery in women with class - II and class - III obesity
103	Laparoscopy - a tool for evaluation of chronic pelvic pain at tertiary care centre
104	A comparative study of foetomaternal outcome of placenta praevia with scarred and unscarred uterus
105	A prospective observational study of risk factors and adverse outcomes of preeclampsia in a tertiary care hospital
106	Evaluation of maternal and fetal outcome and auses of delay in emergency caeserean sections in relation to the decision to delivery internal
107	Outcome following tubal recanalisation as a method of reversal of tubal block : A 3 years retrospective study
108	A comparative study of short versus twenty four hours post partum magnesium sulphate regimen to prevent complications in severe pre - eclampsia A study comparison of non - stress test and doppler velocimetry in assessment of fetal well - being in gestational diabetes mellitus

109	Effects of maternal dexamethasone administration on foetal heart rate tracing - A prospective longitudinal study
110	Evaluation of intrapartum cardiotography and its relationship with cord blood parameters and apgar scores Clinical and sonological study of antenatal mothers with special reference to fetal growth restriction and their perinatal outcome
111	Vaginal preparation with povidone iodine and post cesarean infectious morbidity - A prospective observational study
112	Blunt versus sharp expansion of the uterine incision in lower segment cesarean section: A comparative study
113	Fetomaternal outcome in patients with threatened abortion in first trimester - An observational study
114	An observational study of the causes and fetal - maternal outcome of recurrent pregnancy loss in a tertiary care hospital
115	Evaluation of pregnancy outcome in women with first trimester vaginal bleeding attending gynaecology and OPD of a tertiary care hospital
116	A study on perinatal outcome in term pregnancy with oligohydramnios
117	Comparison of efficacy and safety of oral labetalol and nifedipine in preeclampsia : A prospective observational study
118	Study on maternal morbidity and perinatal outcome in preterm prelabor rupture of membranes in comparison to preterm labor with intact membranes
119	Hydrotubation in the management of female infertility: outcome in low resource settings
120	Comparative study of parenteral iron therapy (IV iron sucrose versus IV ferric carboxymaltose) in the management of iron deficiency anaemia in pregnancy
121	A study on effects of hypothyroidism on fetal - maternal outcome

122	C reactive protein as a predictor of pregnancy induced hypertension
123	Biomarker analysis of circulating tumor cells regarding ovarian carcinoma Lipid profile in premenopausal women with polycystic ovarian syndrome a cross sectional study
124	study on thrombocytopenia in pregnancy and its correlation with fetomaternal outcome
125	Use of sterile water for injection in the management of labour pain a randomized clinical controlled trial
126	Fibroid in pregnancy and its outcome with special reference to caesarean myomectomy
127	Diosmin vs tranexamic acid in heavy menstrual bleeding: A randomised control trial
128	Timing of diagnosis of gestational diabetes mellitus and its correlation with fetomaternal outcome
129	Prediction of perinatal outcome of complicated versus uncomplicated pregnancies beyond 36 nks: A doppler ultrasound study
130	comparative study between misoprostol versus oxytocin for induction of labour in case of premature rupture of membrane in term pregnancy
131	Metformin versus low - dose aspirin in the prevention of pre - eclampsia in high - risk patients: A randomised open - label clinical trial
132	Comparative study of ormeloxifene and norethisterone in the management of dysfunctional uterine bleeding
133	A comparative study between intravenous magnesium sulphate vs intramuscular magnesium sulphate for management of eclampsia
134	Assessment of effect of sildenafil in management of intrauterine growth restriction
135	A comparative study between metformin and insulin in the treatment of gestational diabetes with special reference to safety and efficacy
136	Uterine artery pulsatility index as a risk factor for gestational trophoblastic disease converting into gestational trophoblastic neoplasia : A observational cross sectional study

137	A comparative study of maternal complications in emergency versus elective cesarean section surgeries in the tertiary care hospital
138	Correlation between maternal perception of reduced foetal movements and cardiotocographic interpretation and perinatal outcome a cross sectional study
139	Prevalence of insulin resistance & its correlation with amh level amongst different phenotypes of pcos women with or without subfertility
140	A prospectively study for the early prediction of pre eclampsia with urinary calcium - creatinine ratio in a spot sample of urine in a tertiary setup
141	A prospective study on fetomaternal outcome in term pregnancies complicated with jaundice
142	Comparative randomized controlled trial effect of tranexamic acid to reduce blood loss during caesarean section
143	Bundle of measures undertaken perioperatively to decrease the incidence of surgical site wound infection in patients undergoing abdominal hysterectomies
144	Clinicosonological and surgical correlation between post caesarean and morbid adherent placenta cases
145	Cutting a mediolateral episiotomy at the correct angle to prevent obstetric anal shincter injury - A randomised controlled trial
146	An observational analytical study on the prevalance of female genital tract tuberculosis and its relation to female infertility
147	Comparison of specificity and sensitivity of darwe's formula and hadlock formula in estimating the fetal weight & its correlation with actual birth weight
148	Effect of preoperative sublingual misorrostol in reducing intra and post operative blood loss in cesarean section a double blind randomised placebo controlled trial
149	A study of association of thyroid disorders in patients with abnormal uterine bleeding

150	A study to assess and compare risk factors of ectopic pregnancy in women with different gestational age and parity who attending in a tertiary care centre
151	An analytical observational study to evaluate the efficacy of levonorgestrel intrauterine system (LNG-IUS) in the management of heavy menstrual bleeding
152	Study on obstetric acute kidney injury in a tertiary care hospital
153	A clinical study of prevalence of hypothyroidism in pregnancy and its effect and outcome during pregnancy at tertiary care referral centre in West Bengal

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2018 – 2021

SL.	“MD – PATHOLOGY”
1.	Correlation between thyroid fnac, cell block cytology and histopathological findings
2.	correlation of expression of cyclin D1 and E - cadherin with serum PSA levels, prostate size and Gleason scoring in prostatic carcinoma

3.	Validation of haematological indices for differentiation between iron deficiency anemia and beta thalassemia trait in 1-12 years children
4.	Prognostic significance of relevant haematological and biochemical parameters including procalcitonin value in severe malaria
5.	Expression of cyclindi in different categories of invasive of ductal carcinoma of the breast and its correlation with KI67 index - A prospective study
6.	Ante - natal screening for beta thalassemia with mutation analysis in cases having borderline HBA ² level
7.	A cytopathological study of hepatic malignancies with emphasis on diagnostic utility of glypican 3 staining in differentiating hepatocellular carcinoma secondary malignancies of liver
8.	Correlation of fine needle aspiration cytology and cell block study of category III IV & V (TBSRTC - 2017) thyroid lesions with special reference to cytokeratin 19 immunohistopathological staining
9.	A clinicopathological study on oropharvngeal squamous cell carcinomas with special reference to HPV detection
10.	Clinicohematological profile of patients of hemophillia - A study from a tertiary care centre of North Bengal
11.	Histomorphological study of tumour draining lymphnode of breast carcinoma
12.	Demonstration of iron in exfoliated buccal mucosal cells as test for iron overload in thalassemia syndrome patients undergoing repeated blood transfution
13.	Significance of measuring hematocrit by wintrobe's hematocrit tube vis - a - vis hematology auto - analyzer in pregnant mothers to detect iron - deficiency state
14.	Assessment of the effect of treatment in HCV infected transfusion dependent thalassemia patients by clinical, biochemical, haematological and serological parammeters
15.	Cyto - histopathological correlation of findings in lymphadenopathy - limitations and pitfalls
16.	Clinicopathological study epithelial neoplasms of ovary with special reference to expression of her2/neu

	and P53
17.	Clinicopathological study of breast carcinoma with special reference to expression of ER, PR, HER2 / NEU, KI - 67 and CK5/6
18.	Histopathological study of gastric carcinoma with special reference to expression of her2/neu and KI - 67 assessed by immuhistochemistry
19.	Morphological study of megakaryocytes and its correlation to the etiology in thrombocytopenia cases
20.	Assesment of role of cytology for diagnosis of head and neck lesions in comparison to histology an institution based study in a tertiary care hospital
21.	Chemotherapy induced eosinophilia and its significance among the cancer patients treated at BSMC&H
22.	Immunohistochemical expression of p16 INK4a protein in cervical intraepithelial neoplasia and carcinoma cervix and its clinical correlation among patients attending BSMC &H
23.	Magnitude of transfusion transmitted infections among blood recipients in BSMC &H, Bankura
24.	A prospective study of lymphocyte density, cd4 and cd8 positive lymphocyte distribution in skin biopsies from psoriasis vulgaris patients before and after treatment with methotrexate
25.	To study the expression of TTF - 1 and P40 in non - small lung carcinoma
26.	The potentil of neutrophil - to - lymphocyte ratio as an independent prognostic marker in breast cancer and its correlation with other established prognostic factors
27	Study of expression of gata3, a novel specific biomarker for breast carcinoma and its correlation with ER/PR/HER - 2 - Neu and Ki - 67 labelling index
28	Role of glypican3 and hep par1 in categorization of different hepatic sol utilising fine needle aspiration
29	Clinicopathological spectrum of cervical carcinoma with expression of ecadherin and Ki67 for assessment of invasion and proliferation
30	Immunohistochemical study of cytokeratin 5/6 and its correlation with eripr status in proliferative preinvasive malignant lesions of breast

31	Comparision of EZH2 expression in different immunophenotypes of breast carcinoma and association with staging & grading
32	Clinicohistopathological study of squamous cell carcinoma of cervix with analysis on expression of P16 and galectin 3 in different variants in selected cases
33	A study to evalute the cancer stem cell marker cd44 expression in invasive breast carcinoma and its correlation with histologic grade and ptnm staging
34	A study on expression profile of basal marker cd44 and luminal marker ck20 in urethelial neoplasm and its correlation with who grading and staging of tomour
35	A study on association of the epithelial changes in the fallopian tube and the epithelial neoplasms of ovary using p53
36	KI - 67 and MCM2 expression in epithelial breast cancers and its correlation with grade and stage
37	Detection of F cell by flow cytometry using anti HB F monoclonal antibody in cases of feto maternal haemorrhage in RH negative pregnant women in a tertiary care hospital in Kolkata
38	Diagnostic utility of cell block as an adjunct to conventional cytological smears of body cavity effusions with immunohistochemical analysis in a tertiary care hospital
39	Comparative study of expression of p16 and ki67 in cervical preneoplastic and neoplastic lesions along with HIV status
40	Diagnostic imporntnce of flow cytometric evaluation in primary immuno deficiency disorders in a population of paediatric patients in a tertiary care hospital in Kolkata
41	Clinicopathological study of post operation case of Whipple's operation (Pancreato Duodenectomy) due to obstructive jaundice
42	Spectrum of histopathological changes in cholecystectomy specimens to cholelithiasis with special references to dysplasia acccording to age
43	Histopathological spectrum of non - tender subcutaneous nodules

44	Clinicopathological and radiological correlation of retinoblastoma and assessment of prognostic factors - study from a tertiary care hospital of Kolkata
45	Immunohistochemical profile and histopathological analysis of retinoblastoma cases with emphasis on risk stratification - study from a tertiary care hospital of Kolkata Clinico pathological study of infantile cholestatic disorders with special reference to immunohistochemistry and different histochemical stains
46	Study of blood cell parameters for classification of anaemia clinico pathological and biochemical correlation
47	Utility of M type phospholipase A2receptor as a biomarker in membranousglomerulonephritis: An experience from tertiary care hospital
48	Study of clinicopathological variables in gastric carcinoma with special reference to CDX2 E - cadherin and her - 2 neu markers
49	Spectrum of lesions of oral cavity and oropharynx with special reference to human papilloma virus (HPV).
50	Role of liquid based cytology (LBC) and HPV typing for screening of precancerous lesion of cervix - experience in a tertiary care hospital
51	Biologic relevance and clinical implication of ERG oncoprotein expression and P53 mutation in prostate cancer - Trus guided biopsy based study in a tertiary care hospital
52	Study of serum ferritin and thyroid profile in patients of HBE / BETA thalassemia - An experience in a tertiary care hospital
53	Study of glial tumours in a tertiary care hospital with special reference to Ki67 MGMT immunohistochemical expression
54	Study of sinonasal mass lesions with special reference to p16 and p63 immunohistochemical expressions

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION **2018 – 2021**

SL.	“MD – PSYCHIATRY”
1.	A study to assess correlation between electrolyte imbalance and other metabolic parameters in delirium patients in hospital setting
2.	A study to assess neuropsychological impairment in detoxified alcohol dependent male patients with preserved psychosocial functioning
3.	Psychiatric morbidities among deliberate self harm attempters, in emergency settings, in a tertiary

	hospital of Kolkata, WB
4.	Validation of shorter version of hamiltom rating scale for depression in a
5.	Eating attitude and body shape concerns among medical interns in a tertiary healthcare centre in North Bengal: A descriptive cross - sectional study
6.	Assessment of executive funtions and quality of life in patients with obsesstive compulsive disorder
7.	Prevalence of psyychiatric morbidities and level of quality of life in wives of males with alcohol dependence syndrome attending a tertiary care hospital of Eastern India
8.	Comparative study on burden and quality of life of caregivers' of patients of schizophrenia, bipolar disorder and obsessive compulsive disorder
9.	A study on prevalence of minor physical anomalies in mental retardation schizophrenia mood disorder and its correlation with the severity of three diseases
10.	A study on prevalence of minor physical anomalies in mental retardation schizophrenia mood disorder and its correlation with the severity of three diseases
11.	Effect of metabolic syndrome on prognosis of depression
12.	Association of BDNF and 5HTT polymorphism with depression in a tertiary care hospital in Eastern India
13.	Analysis of clock drawing test in alzheimers disease, vascular dementia and fronto - temporal dementia
14.	An observational study on changes in intraocular pressure and iridocorneal angle following use of escitalopram and amitriptyline
15.	Psychatric co - morbidity and its relation with glycemic control in type 2 diabetes mellitus: A preliminary observational study
16.	Stress and coping strategies among 1st year medical and nursing students and effect of psychotherapeutic intervention: An observational study in a tertiary care centre, Kolkata
17.	Effect of baseline BMI on antidepressant response among the newly diagnosed patients receiving treatment in psychiatry OPD in a tertiary care centre Kolkata: A longitudinal observational study

18.	A study on clinical profile and determinants of a depressive episode in childhood
19.	Pattern of inpatient psychiatric referral, diagnostic concordance and effectiveness of intervention in consultation liaison set up in a tertiary care hospital, Kolkata
20.	Motor coordination, neurodevelopment and behavioral problems in extremely low birth weight survivors during first four years of life in Eastern India
21.	Slow waves and sleep spindles in schizophrenia and healthy first degree relatives: Association with impaired cognitive function and potential intermediate phenotype
22.	Effect of repetitive transcranial magnetic stimulation on nicotine use in patients of schizophrenia
23.	Effectiveness of neurofeedback training, behaviour management including attention enhancement training and medication in children with attention - deficit / hyperactivity disorder - A comparative follow up study

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2018 – 2021

SL.	“MD – ANATOMY”
1.	A study of cephalic index among the adult subjects attending general OPD in NBMC &H in Relation to sex and racial factors
2.	Study of variations in formation of superficial palmer arch in human cadavers
3.	A cross sectional study on variation in arterial supply of thyroid gland in human cadavers
4.	Study of structural changes in placenta in pregnancy - induced hypertension and to correlate the findings with birth weight of newborn babies in comparison with normotensive mothers

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2018 – 2021

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1.	A study of cephalic index among the adult subjects attending general OPD in NBMC &H in Relation to sex and racial factors
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MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2018 – 2021

SL.	“MD – BIOCHEMISTRY”
1.	Assessment of Prolactin and Insulin resistance in women with Polycystic Ovarian Syndrome
2.	Effect of Glyemic control on status of IGF-1, CPEPTIDE, CEA and CAI9-9 in patients of Type 2 Diabetes Mellitus
3.	A study on Renal functional status in subjects suffering from primary Hypothyroidism : a hospital based cross-sectional study
4.	Association of BDNF and CYP2D6 Polymorphism with depressive episode and depressive phase of Bipolar Affective Disorder
5.	A comparative study of thyroid autoantibodies through first, second and third trimester in pregnancy
6.	A study on Hemoglobin variants in patients with type2 Diabetes Mellitus and the effect of these variants on HBAIC measurement and Peroxidase activity of Hemoglobin
7.	Correlation between Serum Ferritin level and Calcium status in transfusion dependent Beta Thalassemia major
8.	To detect the proportion of altered Serum Calcium Phosphorous and Vitamin D level in newly diagnosed Pulmonary Tuberculosis patients attending chest OPD in Burdwan Medical College & Hospital

9	Study of oxidative of free radical damage and the status of Vitamin C in Atopic Dermatitis patient
10	A comparative study to find our the association of Serum levels of Vitamin D. Hompcysteine and Folate in patiends of Psoriasis in a teaching hospital of West Bengal
11	Assessment of Serum biomarkers with treatment outcome among patients with Idiopathic Parkinson's disease in a tertiary care hospital, Kolkata
12	Analysis and correlation of a panel of Serum biomarkers with treatment outcome of Ischemik heart disease (Chronic stable Angina) in tertiary care hospital in West Bengal population
13	Study of Serum biomarkers with Semen analysis parameters in case of male infertility in a tertiary care hospital, Kolkata
14	Study of Serum biomarkers with Semen analysis parameters in case of male infertility in a tertiary care hospital, Kolkata
15	A comparative study of risk factors associated with obesity among diabetics and non-diabetics.
16	Study of Serum iron TIBC Peritin Vitamin B12 in patients with non scaring Alopecia at a tertiary care hospital of Eastern India
17	A study on prevalence of Autoimmune Thyroid markers in patients with Graves disease in comparison to normal Euthyroid controls attending a tertiary care hospitals in Kolkata
18	Study of Serum Iodine and Thyroid status in essential Hypertensive patients
19	Study of Metabolic profile in patients with Prostate Cancer undergoing Androgen deprivation therapy
20	Study of Serum Magnesium Potassium and Vitamin B12 level in patients of Ischemic Heart disease at a tertiary care hsopital of Eastern India
21	Study of Serum Vitamin-D level in patients with Cardio-Vascular Disease in Eastern Indian adult population attending a tertiary care hospital

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2018 – 2021

SL.	“MD – COMMUNITY MEDICINE”
1.	A study on morbidity profile and quality of life of registered Tuberculosis patients on daily Regime under RNTCP in two blocks of West Bengal
2.	An interventional study based on Health Belief model among women of age 30-65 years regarding perceptions towards Cervical Cancer screening in a slum in Kolkata
3.	A cross sectional study on frailty and quality of life among elderly people aged 65 years and above in a rural community of Hooghly District, West Bengal
4.	A school based interventional study on physical activity and healthy diet based on the theory of planned behaviour among adolescents in schools in Uttarpara, Hooghly
5.	A community based study on morbidity health seeking behaviour and health expenditure in a rural community of West Bengal
6.	A cross sectional study on respiratory morbidities and other health related disorders among traffic police of Kolkata, West Bengal
7.	A study on menstrual Hygiene management practices among women of reproductive age group and its perceived barriers

	in a rural area of Singur block of Hooghly district , West Bengal
8	A study on feeding practices and nutritional status of under-2 children in a slum of Kolkata.
9	A study on Antenatal Care practices and pregnancy outcome among women attending Antenatal clinics in a rural area of Hooghly, West Bengal
10	A study on low birth weight and its risk factors among babies admitted in SNCU of Medical College, Kolkata
11	A study on knowledge, attitude and practice family planning among eligible couples in a rural area of West Bengal.
12	An epidemiological study on selected risk factors of stroke among adults living in a slum of Kolkata
13	A cross-sectional study to assess the patient profile and risk factors of myocardial infarction at a tertiary care hospital, Kolkata
14	An observational study on health problems of Geriatric population at a rural block of West Bengal
15	A study on quality of life and its determinants among people living with HIV attending an art centre in Kolkata.
16	A study on assessment of quality of life and health status among postmenopausal women in a rural area of West Bengal
17	An epidemiological study on morbidity profile of the marine fishermen residing in a coastal block of West Bengal
18	A study on transfusion transmitted infections among children with Beta Thalassemia Major and quality of life of their parents attending a tertiary care Institution, Kolkata.
19	A cross-sectional study on depression and morbidities among inmates in correctional homes in Darjeeling district, West Bengal
20	A descriptive study on empowerment and domestic violence against reproductive age group tribal women in blocks of Siliguri subdivision of Darjeeling district, West Bengal
21	A descriptive study on physical activity and Body Mass Index (BMI) among Higher Secondary students of different Government schools in Siliguri sub-division of Darjeeling district, West Bengal
22	Clinico-Epidemiological study on physical and mental health status among the elderly tribes residing at Salotra community development Block of Bankura district, West Bengal
23	Assessment of quality of life and coping styles among people living with HIV attending the Facility Integrated Anti Retroviral Therapy (FIART) Clinic of Bankura Sammilani Medical College & Hospital
24	Missed opportunity including vaccine hesitancy and assessment of associated factors in childhood vaccination in an urban area of West Bengal: A cross sectional study
25	Prevalence of depression and its associated co-morbidities and risk factors among adult population of an urban area in South 24 Parganas district of West Bengal
26	Menstrual Health Management among late adolescent school girls in Burdwan Municipality area: a cross sectional study
27	Reproductive health behaviour of tribal married women, aged 15 to 49 years : a cross-sectional study in a community

	development block of Paschim Bardhaman district, West Bengal
28	Assessment of workplace violence against doctors in the public health system of Purba Bardhaman district, West Bengal
29	Nutritional status of tribal under five children in a community development block of Birbhum district of West Bengal: a cross sectional study
30	Evaluation of functioning of Rogi Kalyan Samity (RKS) and its fund utilization at primary health care level in Purba Bardhaman District, West Bengal
31	A cross-sectional study on prevalence of depression, anxiety and stress among school going adolescents in urban and rural areas of Durgapur, West Bengal
32	Quality of life of caregivers of children with Psychiatric illnesses : a comparative study in a tertiary care hospital, Kolkata
33	A study on knowldege attitude and practice regarding biomedical waste management among healthcare providers in a tertiary care hospital, Kolkata
34	A study on awareness of risk factors and care seeking behaviour amongst patients attending Tuberculosis units situated in an urban and a rural area of West Bengal
35	A study on job satisfaction among the nursing personnel of a tertiary care hospital in Kolkata

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2018 – 2021

SL.	“MD – DERMATOLOGY”
1.	A randomized double - blind comparative trial of combined topical adapalene (0.1%) and benzoyl peroxide (2.5%) versus topical benzoyl peroxide (2.5%) monotherapy in grade I and II acne vulgaris
2.	A randomised, double - blind, comparative trial of topical methotrexate 1% gel along with topical urea emollient versus topical clobetasol propionate 0.05% ointment along with topical urea containing emollient in mild to moderate variety of palmoplantar psoriasis
3.	A clinico - etiological study of acquired palmoplantar keratoderma
4.	Effectiveness, tolerability and safety of topical clobetasol with oral hydroxychloroquine versus topical clobetasol with NBUVB phototherapy in unstable vitiligo: investigator blind, randomised controlled trial
5	A clinico - demographic profile and sexual behaviour in attendees of designated STI / RTI clinic having sexually transmitted infections with special reference to HIV seropositivity
6	A clinico - epidemiological study of dermatoses affecting nose in patients attending skin OPD of a tertiary care hospital in West Bengal
7	A case control study on acanthosis nigricans and its correlation with insulin resistance and obesity in adult patients visiting dermatology OPD of a tertiary care hospital
8	A clinico - epidemiological study of hypopigmented skin lesions in pediatric age group

9	Clinico - epidemiological profile of psoriasis in a tertiary care hospital of Eastern India - A cross - sectional observational study
10	A clinicoepidemiological study of sexually transmitted infections in a tertiary care institute in Eastern India
11	Clinico - epidemiological profile of leprosy: An observational study
12	Clinico - etiological study of non - melasma facial pigmentation in a tertiary care hospital in Eastern India
13	Association of tumour necrosis factor - alpha (TNF - ALPHA) polymorphism with early and late onset psoriasis - A case control study in a tertiary care hospital in Eastern India
14	Dermoscopic patterns of benign and malignant tumours of the skin: A descriptive study of patients attending out - patients department of a tertiary care hospital in Eastern India
15	Clinico - demographic profile of chronic venous disorder with skin changes and dopler evaluation of limb veins in a tertiary care referral centre in Eastern India
16	A clinico - demographical study hand dermatitis in masonry workers and role of patch test in evaluating them in a tertiary care referral centre of Eastern India
17	Oral mucosal lesions in patients attending dermatology outpatient department of a tertiary care hospital in Eastern India: A clinical epidemiological study
18	Evaluation of neutrophil to lymphocyte ratio in chronic plaque psoriasis
19	Acquired blistering dermatoses: A clinicopathological study
20	Palmoplantar psoriasis: A clinicoepidemiological study with special reference to its impact on quality of life
21	Childhood dermatophytosis: A clinical study
22	Clinico - therapeutic evaluation of naevus of Ota patients treated with 1064nm Q - switched Nd: Yag laser
23	Clinico - therapeutic profile of hirsutism treated with intense pulsed light in a tertiary care hospital in Eastern India
24	An observational study of epidemiology, clinical features & baseline laboratory parameters of chronic urticaria in pediatric age group
25	Evaluation of dermoscopic finding in nail disorders - An observational study in a tertiary centre
26	A cross sectional evaluation of effectiveness of the minor clinical features of Hanifin and Rajka criteria in comparison to UK refinement criteria in cases of atopic dermatitis of pediatric age group
27	Clinico - demographical profile of nonvenereal genital dermatoses among females: A cross - sectional study from a tertiary care hospital in Eastern India
28	Cultural dermatoses: A cross - sectional study from a tertiary care hospital in Eastern India
29	Clinico - epidemiological profile of childhood vitiligo: A cross - sectional study from a tertiary care hospital in Eastern India

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2018 – 2021

SL.	“MD – FORENSIC MEDICINE”
1.	Study of age estimation by clinico radiological evaluation of third molar teeth in young adults and adolescents of North Bengal Region
2.	Reconstruction of length of humerus, radius and ulna from their fragments - A preliminary study in Eastern Indian population
3.	Study of age estimation by clinico radiological evaluation of third molar teeth in young adults and adolescents of North Bengal Region
4.	Estimation of age from the fusion of human sternum in 'Bengalee' population from dead bodies sent for autopsy in NRSMCH morgue
5.	A cross - sectional study on estimation of time since death from rigor mortis and influence of temperature on it
6.	A cross - sectional autopsy based study on correlation between colour changes of abrasion and wound dating among the dead bodies coming to Kolkata Police Morgue
7.	A prospective autopsy based gross examination study in Kolkata Police Morgue, determining the cause of brought dead cases in emergency of Medical College & Hospital, other than unnatural deaths

8	Study of pattern of injuries in cases of death with history of fall from height
9	Study of the importance of artefacts in medicolegal autopsy cases

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2018 – 2021

SL.	“MPH – EPIDEMIOLOGY”
1.	A study on chronic obstructive pulmonary disease and musculoskeletal morbidities among underground coal mine workers in Bankola area, Durgapur, West Bengal
2.	A study on delay in diagnosis and treatment and its association with treatment outcomes among newly diagnosed sputum positive adult pulmonary tuberculosis patients attending RNTCP in a district of WB
3.	A community based study on assessment of palliative care need among elderly population in a slum of Kolkata
4.	A study on early marriage and its associates in Singur block, Hooghly District, West Bengal
5	An Epidemiological study on hypertension among adolescent school students in chetla area of South Kolkata

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION **2018 – 2021**

SL.	“MD – Immuno Hematology and Blood Transfusion”
1.	Analysis of profile of plateletpheresis donors and their selection or deferral based on system of practice in a regional blood transfusion centre
2.	Platelet transfusion requirement in acute leukemia patients in a regional blood transfusion centre in Kolkata

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2018 – 2021

SL.	“MD – MICROBIOLOGY”
1.	Clinico-bacteriological profile and anti-bacterial susceptibility of Gram-negative Bacteria isolated from bloodstream infections in adults in a tertiary care hospital, Kolkata
2.	Comparative study on clinical isolates of yeast and yeast like cells by conventional and automated method (VITEK 2)
3	Study of Hepatitis-C prevalence amongst suspected viral Hepatitis cases attending tertiary care hospital, Kolkata using conventional screening and confirmatory molecular test with follow up viral load monitoring
4	Demonstration of antibiofilm roll silver nano particles by in-vitro study
5	A study of minimum inhibitory concentration of commonly prescribed Oral Antibiotics for culture confirmed case of urinary tract infection amongst adults in a tertiary care hospital

6	Collection of cumulative antibiogram data for formulation of antibiotic policy at a tertiary care hospital
7	Comparative study of Immuno Chromatographic test & IGM Elisa for Scrub Typhus patients attending BSMC
8	Validity of slit skin smear and punch biopsy in detecting causative Bacilli among Leprosy patients attending out patient depart of Dermatology, BSMC
9	Association of biofilm production with multi-drug resistant clinical isolates obtained from patients of critical cre unit of a tertiary care hospital.
10	Bacteriological profile of aerobic bacteria isolated from patients with ventilator associated pneumonia and incidence of bacteremia in such patients admitted in a critical care unit of a tertiary care hospital.
11	Change in normal Faecal Flora in patients during prolonged hospital stay in a tertiary care hospital.
12	Study on microbiological profile in keratitis in tertiary care hospital in Kolkata
13	Study of aerobic bacteria and their antibiogram pattern isolated from SNCU specimens in a tertiary care hospital of Kolkata, WB
14	Study of ventilator associated pneumonia with special reference to causative organism(s) and their antibiogram pattern in a tertiary care hospital. Sero-diagnosis of Leptospirosis among patients admitted with acute Febrile illness - a study in tertiary care hospital of Kolkata.
16	Nosocomial infections and its correlation with organisms present in the environment of a tertiary care hospital
17	Assessment of HRP-2 based RDT for diagnosis of Falciparum Malaria.
18	Phenotypic identification and Antibiotic susceptibility of coagulase negative Staphylococci (CONS) causing nosocomial infection in tertiary care hospital, Kolkata
19	A comparative study on the diagnosis pf Orientia Tsutsugamushi infection by anti scrub Typhus IGM Elisa test versus conventional DNA PCR testing
20	Utility of laboratory diagnosis for confirmation of the syndromic case management in case of Reproductive Tract Infections
21	A comparative study on aerobic Bacteriological profile with reference to their antibiogram over the surface and underneath the granulation tissue of burn wound at the time of autologus skin grafting
22	Microbiological profile and antibiogram of bacterial isolates from central venous catheters in patients with suspected catheter related bloodstream infection with reference to biofilm formation
23	A clinico-epidemiological and mycological study of Onychomycosis attending in a tertiary care hospital in Kolkata
24	Isolation and identification of aerobic bacteria in catheter related blood stream infection among the Heamodialysis patient in a tertiary care hospital and their antibiogram
25	Astudy on correlation between Helicobacter Pylori and Chronic Gastritis along with the antibiotic susceptibility of the isolates obtained in a tertiary care hospital, Kolkata.

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2018 – 2021

SL.	“MS – ORTHOPAEDICS”
1.	A comparative of prevalence of Low BMCD DEXA Score and Low 25-OH Vitamin D Level in elderly patients with or without Fragility Fractures
2.	Clinico Radiological correlation of Magnetic Resonance imaging findings in patients of low back pain
3.	A posterior reverse L shaped approach for Tibial Plateau fractures : A prospective study of complications
4.	Outcome of open reduction and internal fixation in late presentation (more than 3 weeks) of displaced fracture of Lateral Condyle of Humerus in Paediatric Age Group
5.	Evaluation of Clinical and Functional Outcome of Titanium Plastic Nail System (TENS) versus Minimally Invasive Plate Osteosynthesis (MIPO) in closed Paediatric Femur Fracture
6.	A study on Joint involvements and Level of disability of the children suffering from Arthrogryposis Multiplex Congenita attended at a tertiary care centre of Eastern India
7.	Petrochanteric Fracture treated by modified Gamma Nail with Additional Anchorage
8.	A study to evaluate functional outcome of various treatment modalities (Surgical) of Proximal Humerus Fracture

9	High Tibial Valgus Osteotomy with laterally based wedge in step cut fashion in Unicompartmental Osteoarthritis of knee
10	A comparative study of outcome of HIP Arthroplasty performed through Hardinge Approach and Moore's Approach
11	An analytical study of Postoperative Anterior Knee Pain in Transtendinoys versus Paratndinous Insertion Technique in case of Indramedullary Interlocking Nailing of Closed Tibia Shaft Fracture
12	Functional outcome and evaluation of results of fractures of Femur treated by Dual Implanatation
13	Evaluation of functional outcome and short term complications of Primary Total Hip Replacement in the age group of below 60 years in NBMCH
14	A short term prospective study on functional outcome of open reduction & internal fixation done for Medial Tibial Plateau fracture through Posteromedial approach
15	Changes in Anatomical variable after open reduction and Internal Fixation in displaced Glenoscapular Fracture
16	Assessment of Sagittal Parameters in high grade Spondylolisthesis and correction of parameters by Transforaminal Lumbar Interbody Fusion (TLIF) in Indian population
17	A comparative study of the coutcomes of ORIF (Open Reduction and Internal Fixation) with plating versus Hybrid Fixation (Closed Reduction and Internal Fixation with Kirschner Wire + Joshi's External Stabilization System) in management of Distal Radius Fracture among Post Menopausal women
18	Comparative study of Biceps Tenotomy versus Tenodesis-functional outcome and analysis of result - A prospective study
19	Evaluation of outcome of Surgical Intervention done in Uni-compartmental Osteoarthritis of Knee (Medial Compartment) Fibular Osteotomy
20	A study on the effectiveness of Accelerated Ponseti Technique in the management of CTEV
21	Short term outcome of Arthroscopic Posterior Cruciate Ligament and Popliteus Sling Reconstruction
22	Comparative study of Radiological and functional outcome of Multidirectional locking nail with locking plate for management of Distal Tibial Metaphyseal fractures
23	A study on the outcome of open Tibial fractures managed definitively by External Fixator versus delayed nailing following external fixation
24	A study of functional outcome of Calcaneum fractures managed with operative procedures
25	A study of results to find out Prognostic Parameters in Proximal Humerus fractures
26	An observational study on short term outcome analysis of High Tibial Osteotomy in Osteoarthritis of knee in Indian sub-population
27	Outcome of Subtrochanteric fracture Femur managed by Proximal Femoral Nailing - A comparative study
28	Clinical and functional outcome of total Knee Arthroplasty in patients with Osteoarthritis of Knee

29	Clinical and functional outcome of uncemented total Hip Arthroplasty in Diseased Hip.
30	Outcome study of Transdiscal Fixation in management of adult high grade L5-S1 Spondylolisthesis
31	A study of surgical and functional outcome of management of Proximal Tibial fracture with Circular Wire based External Fixation
32	A study on surgical outcome of minimal Invasive Plate Osteosynthesis for Diaphyseal Humerus Fracture
33	Effectiveness of Anterior Cervical Plating in patients with Lower Cervical Facet dislocation attending Bankura Sammilani Medical College
34	Functional outcome following Primary Total Hip Arthroplasty by Direct Lateral or Posterior approaches among Geriatric patients present at Bankura Sammilani Medical College & Hospital
35	Evaluation of outcome of MPFL Reconstruction for Patella Dislocation
36	Evaluation of outcome of Endoprosthesis done for functional recovery following line preserving surgery in management of Bone Tumors
37	Bacteriological study their role in the management of open fractures of Lower Limbs in patients coming to IPGME&R & S.S.K.M Hospital : An Institutional based study
38	Evaluation of outcome of Sauve Kapandji Technique in management of old / malunited Distal Radius Fracture with Inferior Radio-Ulnar Joint Involvement
39	Short term comparative study of External Fixation versus Volar Locking compression in the treatment of Fixation Radius Fractures
40	Comparative evaluation of results of Arthroscopic Single Row versus Double Row Repair in full thickness Rotator Cuff Tear in adults

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2018 – 2021

SL.	“MS – OPHTHALMOLOGY”
1.	Intubation Dacryocystorhinostomy with silicone tube versus double threads silk in failed Dacryocystorhinostomy - a comparative study
2.	Assessment of outcome of injection Ranibizum (Anti-vegf) in premature babies with Retinopathy of prematurity with a prop and plus disease
3	A etiological evaluation of Vitreous Haemorrhage operated in Regional Institute of Ophthalmology, Kolkata
4	Association of refractive error with types of glaucoma among patients attending a tertiary eye care hospital in Eastern India : A cross-sectional study
5	Association between Intraocular pressure blood pressure ocular perfusion pressure and primary open angle Glaucoma in patients with systemic hypertension
6	Study of pattern of ocular trauma and visual outcome in patients attending a tertiary eye hospital
7	Tissue expander in lid reconstruction surgery using silicon foley catheter as expander device
8	Evaluation of anterior segment manifestations in patients with type 2 Diabetes Mellitus with duration of disease less than 10 years versus more than 10 years : a comparative study
9	Study of efficacy of injection Ranibizumab in Retinal vein occlusive disorder
10	Visual outcome after pars planavitrectomy in Diabetic Vitreous Haemorrhage

11	Prevalence of eye with spectrum of angle closure in a population attending the out patient department of a tertiary eye care centre in Kolkata
12	Prevalence of advanced Diabetic eye disease in patients attending the tertiary eye care centre in Eastern India and to find its association with history based risk factors across sectional study
13	A cross sectional study on association of refractive errors with Concomitant Strabismus and Amblyopia on children aged 2 years to 12 years attending tertiary care hospital in Kolkata, West Bengal
14	Short term refractive outcome in Neonates treated with laser Photocoagulation or Intravitreal Ranivizumab injection + laser photocoagulation for treatment of Retinopathy of prematurity : a retrospective cohort study
15	Awareness about Diabetic Retinopathy among the patients (type1 & type2 Diabetes Mellitus) attending a tertiary eye centre in West Bengal
16	A study to evaluate the physiological changes in retina in response to Intravitreal Ranibizumab injection in patients with Retinal Neovascular disease
17	To compare the safety and efficacy of topical Cyclosporin A (0.05%) with topical Tacrolimus (0.03%) in patients of moderate to severe dry eye.
18	Study of risk factors of Hypertensive Retinopathy among patients attending RIO, Kolkata with special emphasis on correlation between serum uric acid and Hypertensive Retinopathy
19	Evaluation of novel approach to Capsulorrhexis by Pharmacomodulation of preoperative Pupillary Dilatation in hypermature white cataract-A two-arm parallel -design, /assessor-masked, randomized control clinical trial
20	Comparative efficacy of Intravitreal Ranibizumab monotherapy with combined intravitreal Ranibizumab and Laser Photocoagulation therapy in the management of Diabetic Macular Oedema >/ 350 um in Non-proliferative Diabetic Retinopathy in type 2 Diabetes Mellitus
21	Association of refractive error with types of glaucoma among patients attending a tertiary eye care hospital in Eastern India : A cross-sectional study
22	A descriptive study with clinical correlation of ocular and systemic risk factors with exudative Retinal detachment in a tertiary care centre of West Bengal
23	A clinical study on evaluation of Intrastomal Voriconazole injection in Recalcitrant deep fungal Keratitis
24	Comparative analysis of tear film Instability before and after small incision cataract surgery.
25	Correlation of C- reactive proteins level in blood with Retinal vein occlusion
26	A cross-sectional descriptive study on prevalence and types of Retinal changes in myopic patients at a tertiary care centre in W.B.
27	Clinical study of retinal changes of diabetic patients undergone cataract surgery with pre-existing diabetic retinopathy in a tertiary centre of W.B.
28	Clinicopathological profile of optic neuritis patients attending a tertiary care centre in Kolkata

29	A study of changes in central corneal thickness and optic disc in patients with type 2 Diabetes Mellitus having retinopathy
30	A comparative prospective study about the outcome of treatment with topical Natamycin versus topical Voriconazole in fungal keratitis in a tertiary care centre
31	A cross sectional study to find out demographical and etiological diagnosis of infective corneal ulcer in a tertiary care centre
32	Comparison of cerebral small vessel disease by magnetic resonance imaging evaluation in middle aged type 2 diabetes mellitus patients with or without diabetic retinopathy
33	Assessment of visual display terminals (VDT) as a risk factor Paediatric Dry Eye Disease (5 - 15 yrs)
34	Comparison of retinal sensitivity by automated Perimetry in middle aged type 2 Diabetes Mellitus patients with and without Diabetic Retinopathy
35	Association of Serumlipid profile and body mass index with diabetic retinopathy in type 2 Diabetes Mellitus attending BMCH - A cross sectional study
36	Clinicoepidemiological profile & visual outcome following Nd:Yag Capsulotomy in patients with Posterior Capsular Opacification attending a tertiary care hospital - a prospective study
37	To compare efficacy of external Dacrycystorhinostomy with and without Silastic Tube in Chronic Dacryocystitis in primary acquired Nasolacrimal Duct Obstruction.
38	A comparative study of the changes in central Macular thickness in normal and diabetic patients without Retinopathy following Cataract Surgery
39	A prospective observational study on association between Serum C-Reactive Protein and age related Macular degeneration
40	To study the effects of 2.8 mm opposite clear corneal incision on Steep Axis versus 2.8 mm clear corneal incision on steep axis alone in patients with Corneal Astigmatism between 0.75 - 1.5 D undergoing Cataract Surgery with Phacoemulsification
41	A study of Metabolic and coagulation profile in individuals under age of 50 yrs manifesting a retinal vein occlusion
42	To study the relationship between central corneal thickness corneal Endothelium and Anterior chamber depth in eyes with varying degrees of Myopia
43	Incidence and risk factors of Retinopathy of prematurity of babies weighing < 1800 g : with special reference to babies weighing between 1501 g and 1800 g : a clinical study in a tertiary care hospital in WB
44	Comparison of the efficacy between an Intravitreal and PST Triamcinolone for the treatment of Diffuse Diabetic Macular Edema in Pseudophakic eyes
45	A study of visual outcome of Panretinal Photocoagulation in cases of Proliferative Diabetic Retinopathy in a tertiary care hospital of WB
46	Incidence & Risk factors in Retinopathy of prematurity & Aggressive posterior Retinopathy of prematurity : A comparison between Neonates with birth weight < 1000 Gram & 1000-2000 Gram

47	Clinical and Epidemiological characteristics of patients with Uveitis in a tertiary care hospital in West Bengal
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MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2018 – 2021

SL.	“MD – PHARMACOLOGY”
1.	Cutaneous adverse drug reactions - a cross sectional study from a tertiary care hospital in Eastern India.
2.	Adverse drug reaction monitoring of depot Medroxyprogesterone Acetate as contraceptive method in post partum mothers : a cross sectional study
3	A prospective observational pharmaeconomic study comparing topical versus topical cum systemic treatment of /tinea infection of glabrous skin
4	Safety monitoring of Rituximab therapy in Autoimmune disorders
5	Evaluation of information adequacy of medicine package inserts and perception of healthcare providers towards the same
6	Prospective observational study on the feasibility and outcome of selective deprescribing in elderly patients attending medicine outpatient department in a tertiary care hospital
7	Comparison of effectiveness and tolerability of Vildagliptin and Glimepiride as add on therapy to Metmorfin in Diabetic patients attending a tertiary care hospital in Kolkata
8	A case control study to assess association of TPMT (THIOPURINE METHYLTRANSFERASE) & NUD15(NUDIX HYDROLASE) Gene polymorphisms with Azathioprine induced Leukopenia

9	An observational study for comparative evaluation of Angiotensin converting enzyme inhibitor (ACEIs) & Angiotensin Receptor Blocker (ARBs) in pharmacotherapy of diabetic Nephropathy in a selected population of patients in a tertiary care hospital in Kolkata
10	A case control study to assess association of TPMT (THIOPURINE METHYLTRANSFERASE) & NUD15(NUDIX HYDROLASE) Gene polymorphisms with Azathioprine induced Leukopenia
11	A comparative study between the effect of Intraarticular Triamcinolone and Methylprednisolone in adhesive capsulitis
12	A prospective observational study comparing efficacy and safety Olanzapine and Risperidone in patients of first episode Schizophrenia in a tertiary care hospital of Eastern India
13	An prospective observational study comparing efficacy and safety of Brinzolamide versus Timolol in patients of primary open angle Glaucoma in a tertiary care hospital of WB
14	A comparative study of Glycemic and Cardiovascular outcomes between Gliclazide and Empagliflozin in Indian Diabetic hypertensive patients
15	Comparison of the effectiveness and safety of Cefpodoxime and Amoxycillin Clavunate of chronic acute Exacerbation of chronic suppurative Otitis media a randomized open labelled Phase iv clinical trial
16	A comparative study of efficacy and safety between Telmisartan and Losartan for the treatment of mild to moderate hypertension in a tertiary care hospital
17	A comparative study of efficacy and safety between Adapalene 1% Gel and Adapalene 0.1% with Benzoyl Peroxide 2.5% combination therapy Gel in patients with mild to moderate Acne Vulgaris in a tertiary care hospital
18	Efficacy and safety of Apremilast in comparison to Methotrexate in the patients suffering from moderate to severe Plaque Psoriasis: a prospective cohort study
19	Chewable Ascorbic Acid tablet versus mechanical stimulation for prevention of radiation induced Xerostomia : A pilot study
20	Impact of Diabetes Mellitus on treatment outcome of Pulmonary Tuberculosis and adverse drug reactions in patients receiving dots
21	Reconciling prescribed therapy adherence and patient outcomes in chronic pulmonary disease and impact of supplemental co-professional care on outcomes - an interventional study

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2018 – 2021

SL.	“MD – PHYSIOLOGY”
1.	A comparative study of prevalence of Hyperuricemia among newly diagnosed hypertensive and normotensive subjects
2.	Study of heart rate variability and Haematological changes in different serotypes of dengue infection
3	Effect of music tempo on blood pressure heart rate in normal individual
4	Short term effect of yoga (Pranayama) on the lung parameters as adjuvant treatment in mild to moderate cases of chronic obstructive pulmonary disease (COPD)
5	Study of visual evoked potential (VEP) in adult Hypothyroid patients in a tertiary care hospital in Kolkata : a cross sectional study
6	Nerve conduction study on patients with Hansen's disease in a tertiary care hospital in Kolkata : a cross sectional study
7	A study of association between short term heart rate variability and disease severity in chronic obstructive Pulmonary disease patients in a tertiary care hospital, Kolkata, WB
8	A study of effectiveness of mindfulness meditation in functional outcome of Knee Osteoarthritis in post-menopausal females undergoing balancing exercise
9	Correlation of Serum VITD3 levels with severity of Diabetic Retinopathy in patients of Type 2 Diabetes Mellitus

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2018 – 2021

SL.	“MD – PULMONARY MEDICINE”
1.	A study on sputum smear and culture conversion and adverse drug reactions of bedaquiline in patient with drug resistant tuberculosis
2.	Profile of diffuse parenchymal lung disease (DPLD) patients in a tertiary care hospital: A cross - sectional study
3	Clinico radiological profile and histological type of newly diagnosed bronchogenic carcinoma patient attending tertiary care hospital: A cross - sectional study
4	Efficacy of CBNAAT in diagnosis of tubercular pleural effusion among adult patients attending tertiary hospital
5	A study of microbiological profile and sensitivity pattern in patients with exacerbation of bronchiectasis in a tertiary care hospital
6	A comparative study of cases of idiopathic pulmonary fibrosis with diffuse parenchymal lung disorders of known associations
7	A study of etiology and outcome in cases of acute and acute on chronic breathlessness admitted to respiratory medicine department in a tertiary care hospital
8	A comparative study of risk factors, cardiovascular comorbidities, c - reactive protein and blood eosinophil count among male and female patients with stable chronic obstructive pulmonary disease
9	Assessment of serum magnesium and serum zinc in pulmonary tuberculosis
10	A cross - sectional study and evaluation of severe asthma with special emphasis to assess the prevalence of allergic phenotype and peripheral eosinophilia among these patients and to find out the prevalence of aspergillus hypersensitivity and abpa among them

11	Evaluation of bronchiectasis as a comorbid condition in patients with chronic obstructive pulmonary disease
12	A study on utility of cell block in diagnosis of suspected malignant pleural effusion with undiagnosed lung malignancy and its efficacy in comparison with conventional pleural fluid smear cytology
13	A study on assessment of reliability of forced expiratory time as a pulmonary function test among patients attending respiratory medicine OPD of Medical College Hospital, Kolkata
14	Cross sectional study on association between spirometry and glylemic status in patients of chronic obstructive pulmonary disease with type2 diabetes mellitus
15	A clinical study on etiology of hemoptysis and diagnostic yield of H.R.C.T thorax and fibre optic bronchoscopy in patients presenting with hemoptysis admitted in respiratory medicine department of Medical College & Hospitals, Kolkata
16	A clinical study on association between serum magnesium concentration and acute exacerbtation of chronic obstructive pulmonary disease
17	A comparative study between same day sputam smear microscopy and conventional sputumsmea microscopy in patients with presumptive pulmonary tuberculosis
18	Study of serum magnesium level in patients of asthma and its correlation with level of control of asthma
19	Study of indications and outcome of patients undergoing invasive mechanical ventilation in a respiratory care unit of a tertiary care hospital in Kolkata
20	Study of clinicoradiological profile, treatment and outcome of lung abscess patients admitted in a tertiary care hospital
21	A comparative study between COPD assessment test and saint george's respiratory questionnaire in evaluating health related quality of life in patients of COPD
22	A study of sleep related breathing disorder patterns of diffuse parenchymal lung disease in a tertiary care hospital
23	Evaluation of correlation of six minute walk test with spirometric indices in chronic obstructive pulmonary disease patients in a tertiary care hospital
24	A study of clinical radiological and microbiological profile of ventilator associated pneumonia with special reference to risk factors for infection with MDR bacteria
25	A study on clinico - radiological profile and treatment outcome of empyema thoracis patient admitted in a tertiary care hospital at Kolkata
26	A comparative study on effects of substance dependence on enwly diagnosed pulmonary tuberculosis and newly diagnosed drug resistant pulmonary tuberculosis patients
27	A study on prevalence and treatment outcome of ectensively drug resistant tuberculosis in a nodal drug resistant tuberculosis centre

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2018 – 2021

SL.	“MD – PMR”
1.	A comparative study between the clinical effect of ultrasound versus fluoroscopy guided sacroiliac joint injection in spondyloarthropathy
2.	A comparative study between the effects of hydrodilatation and intraarticular steroid injection in the management of adhesive capsulitis
3	A study to assess the effects of intercostobrachial nerve block in the management of post - mastectomy pain
4	Effectiveness of cranial sutural onabotulinumtoxin - A injection in chronic migraine
5	Role of neuromuscular electrical stimulation therapy among patients with post stroke dysphagia
6	Efficacy of sphenopalatine ganglion block in management orofacial pain in head and neck cancer patients
7	Effectiveness of ultrasound guided onabotulinum toxin type a injection on shoulder pain due to post - stroke subscapularis spasticity
8	Effectiveness of cystoscopy guided intravesical injection of onabotulinum toxin (Type A) in neurogenic overactive bladder due to traumatic spinal cord injury
9	Role of intra - articular autologous plate rich plasma (PRP) in partial anterior cruciate ligament (ACL) tear

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2018 – 2021

SL.	“MD – TROPICAL MEDICINE”
1.	A prospective study on systemic fungal infections in patients admitted to critical care unit of a medical teaching hospital
2.	Study on incidence of cardiovascular risk factors in abdominal obesity and overweight patients WHO do not have established cardiovascular diseases and its correlation with metabolic syndrome
3	Study on prevalence of iron deficiency in beta thalassemia traits in a tertiary care hospital
4	A prospective observational study for determination of clinico immunologic response and virologic suppression rate following six months of antiretroviral therapy in treatment naive patients attending school of tropical medicine, Kolkata
5	An observational study on clinico epidemiological and laboratory profile of scrub typhus in a tertiary health care centre, Kolkata

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2018 – 2021

SL. NO	“MD – RADIOTHERAPY”
1.	A single institutional retrospective audit of clinical outcomes in advanced rectal carcinoma
2.	Role of interim 18- fluoro- 2 - deoxyglucose pet- CT scan after induction chemotherapy for predicting response after subsequent radiotherapy in locally advanced head and neck cancer : a prospective study
3.	A randomized controlled trial study between two palliative radiotherapy protocols with concurrent temozolomide in patients with brain metastasis
4.	Prospective randomised study comparing concomitant chemoradiotherapy using weekly pallitaxel versus weekly cisplatin in carcinoma cervix figo stage IB2 to IVA in tertiary care hospital
5.	Prophylactic carnial irradiation versus observation after radical treatment in stage III non small cell lung cancer - A prospective randomized study in a tertiary care hospital
6.	A single institutional prospective study to compare the neoadjuvant chemotherapy followed by chemoradiation versus definitive chemoradiation in locally advanced carcinoma of cervix
7.	A prospective comparative study of two different hypofractionated schedules of whole brain radiotherapy in patients presenting with multiple brain metastasis
8.	A pilot study to evaluate the feasibility toxicity and efficacy in terms of pathological response of delayed surgery following short course neoadjuvant chemoradiation therapy in patients with locally advanced carcinoma rectum
9.	A prospective comparative study to assess the cardiac and pulmonary toxicities in post operative locally advanced carcinoma left breast patients treated with conventional versus hypofractionated radiotherapy protocols
10.	A prospective trial comparing treatment response and treatment related toxicities in HPV p16+ and HPV p16- oropharyngeal and oral cavity squamous cell carcinoma
11.	A pilot study to evaluate the feasibility toxicity and efficacy of concomitant boost with cobalt-60 machine along with concurrent weekly cisplatin in patients of locally advanced non-nasopharyngeal squamous cell carcinoma of the head and neck region
12.	A prospective study on correlation of 'clinical outcome' with 'computed tomography based dose distribution of conventional high dose rate brachytherapy treatment' in patients with locally advanced carcinoma cervix
13.	A prospective observational study of treatment related outcome of external beam radiotherapy plus intraluminal brachytherapy in advanced metastatic or recurrent carcinoma esophagus
14.	Prospective study to evaluate cardiac functions in post mastectomy left sided breast cancer patients receiving doxorubicin based chemotherapy and chest wall irradiation
15.	A prospective randomized study of concurrent cisplatin with intracavitary brachytherapy versus intracavitary brachytherapy alone following concurrent cisplatin baed chemoradiation in locally advaced sqamouscell carcinoma of cervi

16.	A comparative observational study of brachytherapy sequential with external beam radiotherapy versus brachytherapy intergrated with external beam radiotherapy for assessment of disease response and toxicity profile in locally advanced carcinoma of cervix
17.	Role of new figo staging (2018) in prognostication of patients of carcinoma of the uterine cervix in comparison with old figo staging (2009)
18.	A prospective study to compare the dosimetry and acute toxicity of pelvic RT for carcinoma cervix using different energy photons, namely 6 MV only VS hybrid plan with 6 & 10 MV
19.	A prospective study to compare response and toxicity to weekly hypofractionated 20Gy in 5 fractions versus continuous standard whole brain radiotherapy 30 Gy in 10 fractions in patients with symptomatic multiple brain metastasis
20.	Comparison of setup error determined by kV X-Ray v/s kV CBCT imaging in cases of head and neck cancer receiving conformal radiation.
21.	A prospective study comparing dosimetry between computed tomography (CT) based radiation planning and positron emission computed tomography (PET-CT) based radiation planning in treatment of non-metastatic non small cell lung carcinoma
22.	Prospective study to evaluate the volumetric and dosimetric changes of the arget and the OAR ovr a course of definitive Conformal Radiotherapy with concurrent chemotherapy in patients with locally advanced head and neck cancer
23.	A prospective study of evaluating nodal disease response and acute toxicity in carcinoma cervix figo III C patients undergoing external beam chemoradiation with involved pelvic nodal Boost followed by brachytherapy.
24.	A comparative study on treatment response and toxicity for locally advanced head and neck carcinoma patients among hypofractionated radiotherapy with concomitant chemotherapy and conventional chemoradiation
25.	A prospective comparative study on locally advanced rectal carcinoma treated with pre-operative short course radiotherapy versus long course radiotherapy with concomitant chemotherapy
26.	A comparative study on response in patients with brain metastases treated with whole brain radiotherapy along with additional radiotherapy boost versus whole brain radiotherapy along
27.	Acomparative study on efficacy of hypofractionated accelerated radiation therapy VS conventional radiation therapy in treatment of inoperable non small cell lung carcinoma
28.	A rprospective comparative study of late course accelerated hyperfractionated radiation therapy versus conventional chemoradiotherapy in locally advanced oesophagal cancer

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2018 – 2021

SL.	“MD – GENERAL MEDICINE”
1.	Importance of residual renal function in chronic renal failure patient on haemodialysis and the factors affecting loss of residual renal function
2.	Peripheral neuropathy and peripheral vascular disease frequency and associated risk factors in newly diagnosed type 2 diabetes mellitus
3.	Prevalence of heart failure with preserved ejection fraction in patients of type 2 diabetes mellitus aged 40-80 years in OPD and IPD setting and its correlation with symptoms
4.	Prevalence of abnormal carotid intima media thickness and its distribution in different ages in patients of first episode of acute ischemic stroke
5.	Studies on frailty and cognitive dysfunction in elderly diabetics
6.	the role of power doppler ultrasonography for disease activity assessment in rheumatoid arthritis
7.	An observational study of glycosylated haemoglobin in hypothyroid and euglycemic patients before and after thyroid hormone replacement therapy
8.	A study to assess role of markers of metabolic endotoxemia in assessment of atherosclerotic burden in patients suffering from type 2 diabetes mellitus
9.	Assessment of prognosis of intracerebral hemorrhage with respect to clinical biochemical and radiological parameters
10.	A study on spectrum of hepatobiliary dysfunctions in dengue fever with prognostic significance
11.	A study to determine the prevalence of pulmonary hypertension in hemoglobinopathies in a tertiary care hospital of North Bengal
12.	Clinico-Epidemiological study of dengue cases in a tertiary care hospital of North Bengal
13.	Clinico-Pathological profile and treatment outcomes of scrub typhus cases presenting to a tertiary care institute of North Bengal
14.	Assessment of cardiovascular risk factors in patients of systemic lupus erythematosus

15	A study on scrub typhus in terms of morbidity and mortality and corelation of disease severity with qsofa in patients admitted in atertiary care hospital in vivekananda institute of medical sciences
16	Evaluation of risk factors in patients of sepsis with mult:organ dysfunction in medical ICU
17	Study on clinical profile and antibiotic sensitivity pattern of entric fever patients in a tertiary care hospitals of eastern india
18	Study on new onset type 2 diabetes mellitus patients (untreated) associated with hypertension with special reference to diabetic complications
19	Clinico- Etiological profile of hyponatremia in hospitalised adult patients - a cross sectional observational study
20	Relationship between lipoprotein (a) and thyroid hormones in hypothyroid patients
21	A study of etiology and outcome of patients with upper gastrointestinal bleeding in a tertiary care hospital
22	Correlation between increased liver stiffness and different stages of ckd as determined by transient elastography
23	Study of thyroid status in patients of dialeted cardiomyopathy
24	A study of the role of neutrophillymphocyte ration in the assessment of disease activity in rheumatiod arthritis
25	Study of pulmonary complications in patients of chronic liver disease in a tertiary cre hospital
26	Study of clinical spectrum and diagnosis of scrub typhus
27	A study on clinical profile of chronic liver disease in a tertiary care hospital
28	Study for comparison of thyroid axis in non-obese and obese eastern Indian population
29	Study to find out the correlation between cognitive defect and nonalcoholic fatty liver disease
30	A study on clinical hematological and molecular profile of patients with polycythemia
31	A study of clinicoepidemiological profile of alcohol related liver disease in a tertiary care hospital
32	Study of the correlation of malnutrition and infection in elderly patients
33	Therapeutic efficacy and safety of early insulin versus DPP4 based triple therapy in type 2 diabetes mellitus
34	Clinical profile of acute arthritis with special reference to pre clinical rheumatoid arthritis
35	Clinico epdeimiological profile of comorbidty in patients with rheumatoid arthritis in a rural based medical college and hospital
36	Role of eorced alkaline diuresis in management of acute kidney injury among patients sustaining haemotoxic snake envenomation attending bankura sammilani medical college and hospital
37	Clinicopathological study of a scites with special reference to geriatric population attending bankura sammilani medical college and hospital

38	An observational study of epidemiology of non hodgkins lymphoma
39	Evaluating the role of photoplethysmography in patients with coronary artery disease
40	A study on assessment of health related quality of life and its correlation with adherence to treatment among elderly diabetics attending a tertiary care hospital in kolkata
41	Prevalance of hypogonadism & erectile dysfunction in [atient of type 2 diabetes compared to normal men in eastern India a cross sectional study
42	Correlation between serum procalcitonin Level and the severity of heart failure
43	Glycated hemoglobin (HbA1C) as a marker of circulating lipids in type 2 diabetes mellitus patients in a tertiry care hospital, kolkata
44	Correlation between serum uric acid level with carotid intima-media thickness (CIMT) and carotid plaque in carotid doppler study in patients attending tertiary care hospital, kolkata
45	Prevalence of autonomic neuropathy in prediabetic patients attending a tertiary care hospital in kolkata
46	A study on procalcitonin as a biomarker of severity of the disease in diagnosed malaria patients
47	Effect of sulfasalazine in patients of ankylosing spondylitis without peripheral arthritis
48	Vitamin B12 and folate level in non alcoholic chronic liver diseases ; a cross sectional study
49	Ischemic cerebrovascular accident & its relationship with urinary albumin creatinine ratio and serum hsCRP in a tertiary care hospital kolkata
50	Clinical and biochemical profile of patients with febrile thrombocytopenia attending medical college kolkata
51	Assessment of atherosclerosis in SLE patients by measuring carotid intima media thickness: a cross sectional study
52	A study on serum uric acid level and AST/ALT ratio in patients of acute myocardial infarction
53	A study on correlation between serum ascites albumin gradient and esophageal varices in portal hypertension due to chronic liver disease
54	An observational cross sectional study on prevalence of cognitive impairment and short term changes in higher function (Cognitive changes) in ischemic cerebrovascular accident in a tertiary care hospital.
55	An observational study on prevalence of vitamin deficiency in early rheumatoid arthritis and its relationship to disease activity
56	Assessment of atherosclerosis in CKD patients by measuring carotid intima media thickness: a cross sectional study
57	Clinico epidemiological parameters in patients with scrub typhus attending Medical College and Hospital, Kolkata
58	A study on utility of neutrophil-lymphocyte ratio and CRP as a marker of spontaneous bacterial peritonitis in patients with chronic liver disease

59	The first 24 hours postoperative analgesia of intraoperative paracetamol infusion in comparison with intravenous dexmedetomidine infusion in laparoscopic cholecystectomy : a randomized controlled trial
60	A study on serum uric acid level in patients with malaria attending a tertiary care hospital in Kolkata
61	A study on cardiac manifestations of dengue fever in patients attending a tertiary care hospital in kolkata
62	Evaluating serum cystatin-C as prognostic marker in Lupus Nephritis
63	Study on prevalence of diabetes mellitus and its relation with clinical outcome in acute ischemic stroke patients of adult age group in a tertiary care hospital
64	A prospective study to evaluate the possible role of cholecalciferol supplementation on autoimmunity in hashimotos thyroiditis
65	A comparative study of asymptomatic hyperuricemia between ischemic stroke and hemorrhagic stroke
66	Study on clinical and biochemical assessment of androgen deficiency in men with type 2 diabetes mellitus with special reference to serum glycosylated hemoglobin level in a tertiary care hospital
67	Relationship of hyponatremia in COPD patients admitted in general medicine ward of a tertiary care hospital and its outcome
68	A study on prevalence clinical features and organ damage in SLE with special reference to metabolic profile
69	Study on tolvaptan in reduction of kidney cyst volume and restoration of kidney function in autosomal dominant polycystic kidney disease in a tertiary care hospital
70	A study on microalbuminuria in systemic hypertension as indicator of target organ damage
71	Estimation of serum and CSF lactate as a diagnostic and prognostic marker of bacterial and aseptic meningitis in adults
72	A study on prevalence and clinical profile of systemic lupus erythematosus in elderly with special reference to organ damage
73	A study on prevalence of different causes of new onset seizures in adults presenting in a tertiary care hospital with their neuroimaging and EEC findings
74	Study on serial estimation of serum triglycerides and C-reactive protein as prognostic markers in sepsis in tertiary care hospital
75	A study to assess low serum albumin levels and its in hospital adverse outcomes among patients presenting with acute coronary syndrome in a tertiary care hospital
76	Incidence of ischemic heart disease including acute myocardial infarction in patients of cerebrovascular accident
77	Profile of hyponatremia in stroke patients in a tertiary care setup
78	A study of serum amylase, creatine phosphokinase- MB and liver enzymes levels as a biomarker of severity in organophosphorus poisoning-A prospective observational study

79	Profile of cardiac arrhythmias after acute stroke within 48 hours of hospital admission- A cross sectional, observational and descriptive study from a tertiary care center of eastern India
80	Immature platelet fraction (IPF)- course in natural history of dengue fever and relation with platelet recovery- an observational study from a tertiary care center of eastern India
81	A cross - sectional study of prevalence of heart failure in diabetic patients in an urban Indian tertiary care center
82	Correlation between serum sodium levels at the time of hospitalization and in-hospital mortality in patients with acute coronary syndrome (ACS)
83	Study of hypertension among medical students and doctors of a tertiary care hospital of kolkata
84	A cross - sectional study of pulmoary involvement in systemic lupus erythematosus in a tertiary care centre with emphasis on HRCT thorax
85	Study of the prevalence of type-2 diabetes mellitus in patients with heart failure
86	A study of the profile of haematological parameters in chronic obstructive pulmonary disease
87	A study to access serum LDL cholesterol level and its relation with mortality in intracerebral hemorrhage and hemorrhagic transformation of large artery thrombotic stroke
88	Gastrointestinal manifestations of dengue fever in adults at a tertiary care centre in Eastern India
89	A study on clinico-echocardiographic profile of the patients of acute coronary syndrome admitted in a tertiary health care hospital of west bengal
90	A cross sectional study on assessment of atherosclerosis by carotid intima medial thickness in patients of rheumatoid arthritis
91	A cross sectional study on serum creatine phosphokinase (CPK) level in patients of organophosphorous poisoning & it's clinical significance in a tertiary care centre
92	Bilateral abnormalities of the basal ganglia and thalamus on magnetic resonance imaging and their etiological, clinico-radiological spectrum: A study in a tertiary care hospital of Eastern India
93	A study on electrocardiographic and echocardiographic changes in patients with liver cirrhosis in absense of classical cardiac risk factors in Burdwan Medical College and Hospital
94	A study on clinical biochemical profile of type-2 diabetes women with special reference to vitamin- D status in obese and non-obese in Burdwan Medical College and Hospital
95	Outcome of hemodialysis in acute renal failure following snake bite
96	Prognostic role of neutrophil-lymphocyte ratio in patients of acute ischemi stroke admitted in indoor medicine department of Burdwan Medical College and Hospital
97	An observational study of clinical profile of snake bite patients and its relationship with acute renal failure

98	Etiological spectrum and morbidity profile in geriatric age group patients admitted through emergency in department of general medicine of Burdwan Medical College and Hospital
99	A cross sectional study on hypomagnesemia in patients of type 2 diabetes mellitus
100	Observational study on haematological abnormalities of alcoholic chronic liver disease
101	A cross sectional study on assessment of 25- hydroxy vitamin- D deficiency in patients with acute coronary syndrome (unstable angina, stemi, nstemi) in a tertiary care centre
102	Staging of chronic kidney disease by estimating e- GFR and its relationship with HbA1c level in diabetic patients attending IPGME&R, Kolkata aged between 40-70 years
103	An observational study of pulmonary function test abnormalities and HRCT findings of thorax in patients on maintenance hemodialysis in a tertiary care hospital
104	Study of the association of ectopic fat in the liver with atherosclerotic cardiovascular risk in obese and overweight patients
105	Study of the association of ectopic fat in the liver with cardiac and renal dysfunction in obese and overweight patients
106	Acid- base status in the patients of decompensated chronic liver disease
107	A study on the novel risk factors electrocardiogram, echocardiographic and angiographic findings and their co- relation in young acute myocardial infarction patients
108	The study of risk factors in patients of heart failure with preserved ejection fraction
109	A study of clinico- etiological profile and complication pattern in patients with chronic liver disease in a tertiary care hospital of West Bengal
110	A study on 25 (OH) Vitamin D3 levels in patients with chronic liver disease in a tertiary care hospital
111	An observational study on nerve conduction abnormalities in asymptomatic diabetic and pre diabetic patients in a tertiary care hospital
112	An observational study on cardiopulmonary involvement in systemic sclerosis in a tertiary care hospital
113	Spectrum of ascitic fluid infection and microbial profile in ascites in patients with cirrhosis of liver in a tertiary care hospital
114	An observational study on clinical spectrum of primary HIV associated neurological manifestations in art naive newly diagnosed HIV positive patients in a tertiary care hospital
115	An observational study on correlation between serum ferritin & risk of metabolic syndrome
116	A study on prevalence and clinical profile of hepatorenal syndrome in patients of chronic liver disease
117	A prospective questionnaire based study on patients perception about anaesthesia and anaesthesiologists before and after surgical procedures
118	A comparative analysis of stimulated C- peptide estimations following usual meal, standardised mixed meal and glucagon administration in different forms of diabetes

119	A study of erectile dysfunction with diabetes: prevalence, etiology and responsiveness to phosphodiesterase-5 inhibitors
120	A study on correlation of carotid artery intima- media thickness (as a marker of atherosclerosis) with activity and duration of rheumatoid arthritis
121	A cross sectional study of etiological and clinical profile of hypopituitarism in a tertiary care hospital of West Bengal
122	A study on peripheral neuropathy in pre-diabetics; a cross sectional observational study in patients through medical OPD and those admitted in the medical wards in a tertiary care hospital in West Bengal
123	A study on thyroid profile in chronic liver disease patients admitted in a tertiary care hospital
124	A study on dyslipidemia and its co-relation with body mass index (BMI) and smoking with or without chronic obstructive pulmonary disease (COPD) among tribal population attending a tertiary care hospital in West Bengal
125	A study on the prevalence of diabetes mellitus among tribal population attending a tertiary care hospital in West Bengal
126	Clinico-epidemiological study of snake bite in a rural tertiary care hospital of West Bengal
127	A study on serum electrolytes and c- reactive protein in patients of chronic obstructive pulmonary disease (COPD) with acute exacerbation in a tertiary care hospital
128	A study on prevalence of subclinical dermopathy in graves disease
129	A clinico- microbiological study of diabetic foot ulcers in an Indian tertiary hospital in West Bengal
130	Prevalance of thrombocytopenia and its co-relation in chronic liver disease patients in a tertiary care hospital
131	Study on predictors of peripheral arterial disease in type 2 diabetes mellitus patients attending in a tertiary care centre of West Bengal
132	A study on thyroid profile in chronic liver disease patients admitted in a tertiary care hospital
133	An observational cross- sectional study on thyroid profile in chronic kidney disease including all stages in chronic kidney disease patients at a tertiary care hospital in West Bengal

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2018 – 2021

Sl. No.	“MD –GENERAL SURGERY”
1	Clinicopathological study of acute large gut obstruction and comparison of single stage definite surgery with multistaged surgery
2	Comparative study of open versus closed internal anal parital Sphinterotomy in chronic anal fissure
3	A prospective study to compare the efficacy of negative pressure wound therapy and conventional technique in the management of open abdomen
4	A prospective randomized study to analyze efficacy of prooperative magnetic resonance Cholangiopancreatography in management Ballstone disease
5	A study between conventional wound dressing vs negative pressure wound therapy in management of dirty wound
6	A comparative study of surgical drainage vs radiologically guided drainage of Liver Abscess
7	A prospective study on diabetic foot ulcer to determine the effects of various factors on its outcome and role of tonic silver dressing in ulcer healing
8	An analytical study of spectrum of Liver Abscess with special reference to Ruptured Abscess
9	A prospective observational study of comparing preoperative and postoperative Hepatic function, Renal function and Arterial Blood Gas analysis in cases of Laparoscopic Cholecystectomy with Pneumoperitonium
10	A prospective study of outcome of necrotizing fasciitis in relation to clinical features and surgical intervention required
11	A clinical study on people living with HIV/AIDS(PLWHA) with surgical co-morbidities attending a tertiary care centre of North Bengal
12	Study of accuracy of Alvarado Score, CRP Bilirubin level and mean Platelet volume in diagnosis of acute Appendicitis
13	A comparative study between Stapler and Handsewn Anastomosis in Elective Gastrointestinal Surgery in North Bengal Medical College and Hospital
14	A prospective study evaluating effectiveness of Tzanakis score in the diagnosis of Acute Appendicitis in North Bengal Medical College
15	A clinical study of Gastroduodenal perforation patients in a rural tertiary care centre, with special attention to Helicobacter Pylori infection
16	Evaluation of Desarda's No-mesh Repair in the treatment of all type of Inguinal Hernia in a rural tertiary care centre of North Bengal
17	A study comparing the spontaneous passage of Lower Ureteric Calculi 5 -10 mm size upon usage of Tamsulosin and Deflazacort in comparison to usage of Tamsulosin alone
18	Evaluation of radiological union of Calvaria following Craniotomy
19	A study for evaluation of clinical, biochemical, tumor markers and radiological parameters in patients of obstructive Jaundice
20	To evaluate the incidence of malignancy in Bethseda Grade-3 and Grade-4 Thyroid Nodule
21	Caecal Gurgling - new sign in diagnosis of Acute Appendicitis and its correlation with intraoperative findings
22	Comparative study between continuous and interrupted suturing for Rectus Sheath closure in Exploratory

	Laparotomy
23	Comparison between early surgery, interval appendicectomy and total conservative approach in management of appendicular lump attending Banukra Sammilani Medical College : an observational study
24	Single dose versus multiple dose antibiotic prophylaxis in surgical site infections
25	Single dose versus multiple dose antibiotic prophylaxis in surgical site infections
26	Single dose versus multiple dose antibiotic prophylaxis in surgical site infections
27	Comparative study between single layer versus double layer Intestinal Anastomosis
28	Magnitude of Hypothyroidism among patients of Cholelithiasis
29	Comparative study between conventional darning with Lichtenstein tension free mesh repair in uncomplicated Inguinal Hernia in Bankura Sammilani Medical College and Hospital
30	Validity of RIPASA Score in diagnosis of Acute Appendicitis among clinically suspected cases admitted Bankura Sammilani Medical College and Hospital
31	Prevention of a Parastomal Hernia with a Prosthetic Mesh in patients underfoing Colostomy
32	Grading of operative findings at Laparoscopic Cholecystectomy - a new scoring system
33	Management of Splenic injury following Blunt Trauma abdomen - a clinico radiological correlation
34	A prospective analytical study of complications of Intestinal Stomas in emergency Laparotomy
35	Magnitude of fail during postoperative period and its co-relates among patients aged 60 years or more undergoing surgery in Bankura Sammilani Medical College and Hospital
36	Intraoperative Biliary Spillage and its relation with Post Operative morbidity in Laproscopic Cholecystectomy
37	Study of breast lump -a - clinical, radiological and pathological correlation
38	Roll nof BOEY score along with age in predicting mortality and morbidity in peptic perforation
39	A comperative study between Graham's Omentopexy and modified Graham's Omentopexy in treatment of perforated Duodenal ulcers
40	Magnetic resonance Cholangiopancreatography in assessment of Gallstone Pancreatitis; a prospective study
41	Clinical and Microbiological outcomes of wound infections in Gall Bladder and Bile Duct Surgeries : An observational study
42	A prospective observational study of Clinicomorphological presentations of Chronic Pancreatitis patients with special emphasis on the non-alcoholic patient subgroup at a tertiary referral hospital
43	A comparative study of single layer interrupted closure versus single layer continious with Intermittent Aberdeen's Knots closure of Laparotomy wounds
44	Diathermy vs Scalpel incisions for emergency midline Laparotomy : a single centre comparative study
45	A comparative study of negative pressure wound therapy vs traditional moist saline gauze dressing in management of diabetic foot ulcers
46	An assessment of the Peptic Ulcer perforation pulp score a predictor of mortality following peptic ulcer perforation
47	A prospective study of role of CT Scan in evaluation of patients of blunt trauma abdomen admitted in a tertiary care hospital
48	A clinicopathological study of the correlation of Carcinoembryonic Antigen in Colorectal Carcinoma : in a tertiary care medical college set-up in Eastern India
49	A prospective study on relation of Histiological grade as well as hormone receptor profile in locally advanced Breast Carcinoma patients in response to adjuvant Chemotherapy
50	A comparison of full suction, half suction and delayed half suction drainage after Mastectomy for prevention of post operative wound complications
51	Treatment outcome of perioperative ultrasonographic Gall Bladder wall thickness measurement in patients undergoing elective Laparoscopic Cholecystectomy

52	Clinical evaluation of Inguinodynia following Inguinal Hernioplasty
53	Prospective study to evaluate Mannheim's Peritonitis Index for assessment of Prognosis in patients having Hollow Viscus Perforation
54	Efficacy of the P-Possum scoring system in the prediction of post operative morbidity and mortality in patients undergoing emergency Laparotomy
55	A prospective observational study on Pseudocyst of Pancreas & its management
56	A prospective observational study on the management of liver abscess
57	Standard four port versus three port laparoscopic Cholecystectomy - an observational comparative study
58	Prospective and comparative study between defunctioning loop colostomy and loop ileostomy including complications after stoma reversal
59	A prospective study on various operative procedures for management of Carcinoma stomach with assessment of post operative complications
60	Prospective and comparative study between continuous and interrupted x-suture in midline laparotomy wound closure in patients undergoing emergency surgery
61	Comparative study between surgeon performed ultrasonography and Radiologist performed ultrasonography in suspected cases of acute Cholecystitis
62	Complications of Laparoscopic Cholecystectomy - a comparative of Gall Bladder through Epigastric Port vs Umbilical Port
63	Role of 18 FDG-PET/CT Scan establishing the extent of metastasis in clinically diagnosed locally advanced Epithelial Breast Carcinoma
64	Assessment of severity of acute Pancreatitis by Ranson's Criteria and modified CT severity index
65	Study on correlation of CCND1 Amplification and CD G870A Polymorphism with pancreatic ductal and oerampullary adenocarcinoma and its impact on patients survival
66	A comparative observational study on the use of Vitamin F, Evening Primrose Oil and Dinazol in the management of Mastalgia in benign breast disease
67	Evaluation of Possum and Ppossum scoring in patients undergoing G1 Surgeries
68	Feasibility of ERAS(Enhanced Recovery After Surgery) protocol in patients undergoing emergency repair for perforated peptic ulcer disease in a tertiary care hospital
69	Study to identify the incidence of Helicobacter Pylori infection in acute Appendicitis and it's correlation with Alvarado Scoring and Histopathology
70	Efficacy of alternative fistula risk score in prediction of post-operative Pancreatic fistula in Pancreaticoduodenectomy patients
71	Clinicopathological and imaging of benign breast lumps in females within reproductive age group with special reference to management of Fibroadenoma
72	Wound complications following modified radical Mastectomy - a comparative study between Flap elevation by Monopolar Diathermy and non-electro surgical techniques
73	Comparative study between Graham's Patch and modified Graham's Patch technique in Peptic ulcer perforation
74	A bidirectional prospective observational study predicting operative difficulties preoperatively during Laparoscopic Cholecystectomy using clinical and ultrasonographic parameters
75	Comparative studies of suturing technique of intestine between extramucosal interrupted single layer and continuous all layers
76	An observational study on various presentations of Appendicular Pathology in children
77	Clinicopathological study of chronic foot ulcer in a periphery tertiary care hospital

78	A comparative observational study of prognostic factor scores to predict morbidity and mortality in patients of perforated peptic ulcer
79	A comparative observational study between tamsulosin and tamsulosin with deflazacort in spontaneous expulsion of lower ureteric calculi
80	A comparative evaluation of intraoperative peritoneal lavage with metronidazole and normal saline in peritonitis cases
81	A study on unconjugated Hyperbilirubinemia as a predictor for appendiceal perforation
82	A comparative study of Desarda vs Lichtensteins repair for uncomplicated Inguinal Hernia repair in a rural medical college & hospital
83	Study of clinical finding and per-operative defects of adult Inguinal Hernia
84	A comparative randomised study using Cadexomer Iodine, Colloidal Silver and L-Lysine as dressing material for treatment of diabetic foot ulcer
85	Role of thyroid profile, BMI and Lipid profile in case of Calculous Cholecystitis
86	A study on Aetiology & clinical profile of acute Pancreatitis
87	A clinicopathological study in patients of acute appendicitis and correlation of symptoms with different anatomical positions seen intraoperatively
88	Post mastectomy wound complications with or without neo adjuvant chemotherapy an observational study
89	A comparative study between the periumbilical and the intraumbilical incision in Laparoscopic procedure
90	A cohort study on breast cancer with special emphasis on prognosis related to ER, PR, HER2 NED receptor status and K167 Index status among patients attending Burdwan Medical College & Hospital
91	A study on outcome of Ligation of Intersphincteric Fistula Tract (LIFT) in management of Anal Fistula
92	Mass closure versus layered abdominal closure in emergency midline Laparotomy cases : a comparative study in a tertiary care hospital
93	Delayed absorbable suture versus non absorbable suture in midline abdominal closure : a comparative study
94	A clinical study on outcome in management of diabetic foot ulcer with special reference to use freshly prepared Amniotic membrane in a tertiary care hospital
95	A comparative study on active versus passive drainage following modified Radical Mastectomy in Carcinoma breast with special reference to BMI of the patients
96	Efficacy of non-surgical methods utilizing antibiotics alone or in combination with percutaneous drainage in the management of liver abscess : a prospective cohort study
97	A comparative study of RIPASA and modified ALVARADO scoring systems of the diagnosis of acute Appendicitis
98	A comparative study between Danazol and Ormeloxifene in the treatment of Fibroadenosis in females
99	A comparative study of Barron's binding versus Sclerotherapy in the management of Haemorrhoids
100	An observational study on the relative frequency of anatomical site of perforation and the outcome of surgical management in patients of preoperative Peritonitis
101	Study of different types of management of patients in a cases of traumatic colorectal injury in tertiary hospital morbidity and mortality analysis
102	Injection Sclerotherapy versus Haemorrhoidectomy in management of Haemorrhoids - a comparative study
103	Effectiveness of Mannheim Peritonitis index scoring system predicting the morbidity and mortality in Peritonitis due to hollow viscus perforation
104	A prospective study on associated demographic factors, clinical features & management of Gall Bladder Carcinoma in tertiary care centre in Eastern India
105	An observational study on pattern and their mode of presentation in a case of intestinal obstruction and its various types of management in a peripheral tertiary medical college

106	Role of Cox-2 inhibitor in the treatment of Metastatic Breast Cancer
107	An observational study to predict common bile duct stones among the cases of symptomatic gallstone disease by using clinical assessment, abdominal sonography and liver function tests
108	Triple negative breast cancer - a clinicopathological study with response to different modalities of management
109	A study of associations of CCND1, ERBB2 amplifications and polymorphisms of ERBB2, He655Val, CCND1 G870A and prognostic factors for survival in gallbladder adenocarcinoma in Eastern Indian population
110	A correlation study on ERBB-2 / HER-2 gene amplification and risk of Ile655Val in ERBB2 polymorphism with clinicopathological parameters in pancreatic ductal and periampullary adenocarcinoma
111	Spectrum of differentiated thyroid carcinomas in a tertiary care institute
112	Response pattern to neoadjuvant chemotherapy in locally advanced breast carcinoma and its impact on surgery
113	A study on postoperative complications following elective gastric surgeries in a tertiary care centre
114	A study on intra abdominal pressure measurement in repair of large incisional hernia to prevent abdominal compartmental syndrome
115	Clinical, radiological and biochemical predictors of difficult elective cholecystectomy done in symptomatic gall stone disease
116	An observational study on spectrum of postoperative complications in emergency laparotomies in a tertiary health care centre
117	An observational study on incidence of colorectal carcinoma in young patients in reference to family history, diet habits and socioeconomic status
118	A comparative study between open technique v/s laparoscopic approach for mesh repair of inguinal hernia
119	A prospective evaluation of Mannheim Peritonitis index and prediction of outcome in perforative peritonitis
120	A comparative study to evaluate the outcome of different types of gastrojejunostomy with special reference to nasogastric suction output and initiation of oral feeds during postoperative period
121	A comparative analysis between medical and surgical management of chronic anal fissure with special reference to lateral internal sphincterotomy
122	A study of clinicopathological correlation and outcome of gastric carcinoma with HER2NEU positive Immunohistochemistry status
123	An observational study on correlation between stages of colorectal adenocarcinomas and gene expression of CXCL3 and CXCL5 chemokines

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2018 – 2021

Sl. No.	“MD –Paediatric”
1	A study on correlation between Febrile Convulsion and Iron Defficiency Anaemia in a tertiary care hospital
2	A study on the comparison of minimally Invasive Surfactant Therapy with Insure Technic if Surfactant Administration in Preterm babies with Respiratory Distress in a tertiary care hospital
3	Prevalence of behavioural disorders in children and early adolescents (6 - 12 years) attending Paediatric OPD and Adolescent clinic in a tertiary care hospital
4	Status of 25- Hydroxy Vitamin D in Childhood Nephrotic Syndrome
5	A study on the Clinicoepidemiological profile and outcome of Scrub Typhus in children in a tertiary care centre in Kolkata
6	Prospective observational study of Intravenous Immunoglobulin with or without Prednisolone in newly diagnosed Paediatric Primary Immune Thrombocytopenia
7	Evolution of Haematological Parameters and their significance in relation to Prognostic Outcome in critically ill children admitted in Paediatric Intensive Care Unit
8	A study on the incidence clinical profile and outcome of Acute Kidney Injury among children admitted in the Paediatric Intensive care unit of a tertiary care centre
9	Status of Vitamin D3 in Childhood Onset Systemic Lupus Erythematosus and its relation with the disease activity
10	Lipid Profile and its outcome in Childhood Nephrotic Syndrome
11	A study on Serum 25(OH) Vitamin D3 status in criticallyill children of a tertiary care hospital
12	A study on Vitamin D status in children having Epilepsy on Sodium Valproate and Levetiracetum Monotherapy
13	Neurological outcome of term baby with low blood gas PH within one hour of life
14	Clinical profile and outcome of children with Epilepsy between the age group of 6 months to 12 years with speciak reference to Electroencephalogram in a tertiary care hospital
15	A study on Ultrasound guided Fluid Resuscitation in Paediatric Septic Shock
16	The general movement assessment method used to predict Neurological Abnormality in term Asphyxiated Infant
17	Nutritional status critically ill patients (3 months to 12 years) and its impact on outcome
18	A study on clinical profile risk factor & outcome of small for Gestetional age babies admitted in Sick Neonatal Unit of a tertiary care hospital in Eastern India
19	Pulmonary function impairment in children living with HIV : A cross sectional study
20	Predictive value of Urinary Neutrophil Gelatinase Associated Lipidocalin (NGAL) in detecting Acute Kidney Injury in critically ill Paediatric patients
21	Paediatric Scrub Typhus : Clinicoepidemiological profile, treatment and outcome in a tertiary care hospital
22	Antimicrobials used in Febrile Neutropenia and its outcome in Paediatric age group patients admitted to a tertiary care hospital

23	The predictive value of Cranial Ultrasonography for abnormal Neurodevelopmental outcome in term neonates with Hypoxic Ischaemic Encephalopathy
24	A study on evaluation of Vitamin D3 level at first episode of Idiopathic Nephrotic Syndrome to predict disease severity at follow up
25	A study on Clinico Haematological profile of Neonatal Septicaemia with special Reference to Thrombocyte count as a marker of Septicaemia
26	A study on Anthropometric Assessment Nutritional status of children admitted in Paediatric Intensive Care Unit : A prospective observational study
27	An observational study of risk factors and outcome in children with status Epilepticus attending in Paediatric emergency department
28	Study of Lipid profile in β -Thalassemia Major Paediatric patient with multiple blood transfusion and its co-relation with Serum Ferritin in tertiary care hospital in Kolkata
29	An observational study comparing efficacy of two Transcutaneous Bilirubinometers (Ajo & Drager JM-105) with total Serum Bilirubin in Neonates suffering from different pathological conditions
30	Evaluation of PSQSA Score performance in prediction of outcomes of children admitted in Paediatric Intensive Care Unit: A prospective observational study
31	Follow up study of high risk infants discharged from SNCU and NICU of a tertiary centre in Kolkata
32	Study on the profile of Pancreatic involvement among 1 to 12 years of children with Acute Viral Hepatitis
33	Changes in Lipid profile in children with Chronic Rheumatological disorders
34	One year Relapse free survival with maintenance Mycophenolate Mofetil Therapy following first course of Rituximab among children with Steroid dependant Nephrotic Syndrome
35	A prospective observational study on clinical profile and outcome of Primary Respiratory causes of Ventilation in age group between 1 month to 12 years in PICU of a tertiary care hospital
36	Endocrinal Dysfunction and Psychological Morbidities among Thalassaemic children in R.G.Kar Medical College, Kolkata
37	Correlation of Neural Tube Defects in Neonates with Periconceptional Intake of Folic Acid in mothers
38	A study evaluating Cardiac function in a Juvenile Idiopathic Arthritis
39	A study evaluating the Auto-Antibody profile in a Cohort of children with Kawasaki Disease in its acute and chronic phase
40	A study on Vitamin D status in children with Seizure disorder taking Anticonvulsant Drugs
41	Correlation of MRI Brains with Neurological Outcome at 12 months of age in newborns with Hypoxic Ischaemic Encephalopathy at a tertiary referral hospital of Kolkata : A prospective longitudinal study
42	Short term outcome of extremely low birth weight babies in a tertiary care hospital in Kolkata
43	Assessment of Serum Procalcitonin level the umbilical cord blood of the Neonates born with Perinatal risk factors for early-onset Sepsis at tertiary referral hospital of Kolkata : A cross-sectional study
44	A study to evaluate the outcome of infants born to mothers received Magnesium Sulfate
45	A study to evaluate ECG changes in children with Kawasaki disease
46	Association of Serum Vitamin D level with the level of control of Asthma in children aged 5 - 12 years
47	Study of clinical profile and assessment of Liver function test in Seropositive Scrub Typhus cases in Paediatric age group in a tertiary care hospital
48	A study of sleep disturbances in children with Autism Spectrum Disorder attending tertiary care hospital
49	A study of Glucose- 6- Phosphate Dehydrogenase status in term Neonates with Indirect Hyperbilirubinemia in a tertiary care hospital
50	A study on the Thyroid profile of children with Down Syndrome
51	Study on growth and neurodevelopmental follow-up of very low birth weight infants upto 1 year of age at a tertiary care centre
52	A study on relation between Serum Electrolytes and simple Febrile Convulsion in a tertiary care hospital
53	A study on association between Iron deficiency and attention deficit Hyperactivity disorder in children attending out patient department in a tertiary care hospital
54	A study the predictors of acute kidney injury following Haematotoxic snake bite in paediatric age group
55	Study on the magnitude of Diarrhea in breast-fed versus formula-fed baby

56	A study of effect of Phototherapy on Platelet count in unconjugated Hyperbilirubinemic Neonates
57	Study of clinico-epidemiological profile of children admitted with acute Encephalitis Syndrome in a tertiary care hospital
58	A study on relationship of screen time with physical activity BMI and sleep pattern of children aged 4 to 12 years in a tertiary care hospital, Kolkata
59	A study of the clinical and laboratory profile and antibiotic sensitivity pattern of enteric fever in paediatric age group children in a tertiary care hospital in Kolkata
60	A clinical study of short term oral zinc supplementation sepsis for reducing mortality and improving outcome - A double blind randomised controlled trial
61	Early diagnosis of Cerebral Palsy in high risk infants by general movement assessment (GMA) in a low middle income country
62	Study of prevalence clinico-pathological profile and outcome of Scrub Typhus in a tertiary care hospital of West Bengal
63	Study of acute Respiratory Viral infection detected by Polymerase Chain Reaction in children (1-60) months admitted in tertiary care hospital
64	A prospective randomized control trial to compare the safety and efficacy of single dose prednisolone versus divided dose prednisolone in 1st episode Nephrotic Syndrome
65	Risk factors in IVIG Resistant Kawasaki Disease and correlation with Japanese scoring systems
66	A comparative study of NT-PROBNP levels in patients with acute stage of Kawasaki disease, Sepsis and other Febrile illness
67	A study on Spirometry Eosinophilia and Serum Immunoglobulin E level in newly diagnosed childhood Bronchial Asthma in the age group of 5-18 years
68	A study on clinical, sociodemographic profile; attitude & practice among parents towards Inhalation Therapy in childhood Asthma (3-12 yrs) in a tertiary care centre
69	Clinico-epidemiological profiles and outcome of Haemophilia patients with special reference to Prophylactic Therapy at a tertiary care teaching hospital
70	A study on recent immunisation status and factors responsible for partial or non-immunisation in admitted children age group between 1 year 6 months to 5 years in a tertiary care hospital
71	A study on thyroid functional status of multitransfused Thalassemia patients in the age group of 5 years to 12 years with special reference to Liver functional status and Chelation Therapy
72	A study on correlation between varying Anthropometric parameters and Gestational age in newborn
73	A Clinicoepidemiological study of seizures in Paediatric population (age group- 1 month to 12 years) with correlation to Neuroimaging in a tertiary care hospital(MMCH)
74	Comparative efficacy and side effects of Montelukast and inhaled monotherapy in the treatment of mild persistent Asthma in children of 6 -12 years
75	To assess the parameters of the Metabolic syndrome in children with epilepsy on Valporate Therapy for more than 1 year
76	Clinical and laboratory profile of Scrub Typhus in the age group of 1 month to 12 years admitted in Ramakrishna Mission Seva Prathisthan, Vivekananda Institute of Medical Sciences
77	Clinical, Epidemiological, Laboratory and treatment profile of Scrub Typhus admitted in a tertiary care hospital, Kolkata
78	Haematological and coagulation profile of Dengue infection in age group 1 to 12 years children in tertiary care hospital
79	Assessing Fetal Malnutrition in late preterm neonate by Cans Score and following their short-term morbidity and mortality outcomes in Bankura Sammilani Medical College and Hospital
80	Cross-sectional Study of blood biochemical profile malnourished children admitted in Paediatrics Indoor in a tertiary care hospital with respect to severity of malnutrition
81	Pattern and outcome of acute poisoning in children of 1-12 years age group admitted in the Paediatric ward of a tertiary care hospital
82	Study on clinical profile and short term outcome of Paediatric patients with acute Encephalitis Syndrome
83	A descriptive study of behavioural disorders in children with epilepsy at a tertiary care hospital in Sub-Himalayan region of West Bengal
84	Clinical evaluation of joint deformities in Juvenile Idiopathic Arthritis
85	A study on mortality risk assessment by SNAP II & SNAPPE II Newborns admitted in NICU of a tertiary care hospital
86	A study on differences in blood pressure in primary school children at different altitudes of Darjeeling

MD – MS : SYNOPSIS “TITLE” FOR THE SESSION 2018 – 2021

SL. NO	“MD – PATHOLOGY”
1.	Correlation between thyroid fnac, cell block cytology and histopathological findings
2.	correlation of expression of cyclin D1 and E - cadherin with serum PSA levels, prostate size and gleason scoring in prostatic carcinoma
3.	Validation of haematological indices for differentiation between iron deficiency anemia and beta thalassemia trait in 1-12 years children
4.	Prognostic significance of relevant haematological and biochemical parameters including procalcitonin value in severe malaria
5.	Expression of cyclin D1 in different categories of invasive ductal carcinoma of the breast and its correlation with Ki67 index - A prospective study
6.	Ante - natal screening for beta thalassemia with mutation analysis in cases having borderline HBA2 level
7.	A cytopathological study of hepatic malignancies with emphasis on diagnostic utility of glypican 3 staining in differentiating hepatocellular carcinoma from secondary malignancies of liver
8.	Correlation of fine needle aspiration cytology and cell block study of category III IV & V (TBSRTC - 2017) thyroid lesions with special reference to cytokeratin 19 immunohistochemical staining
9.	A clinicopathological study on oropharyngeal squamous cell carcinomas with special reference to HPV detection
10.	Clinicohematological profile of patients of hemophilia - A study from a tertiary care centre of North Bengal
11.	Histomorphological study of tumour draining lymphnode of breast carcinoma
12.	Demonstration of iron in exfoliated buccal mucosal cells as test for iron overload in thalassemia syndrome patients undergoing repeated blood transfusion
13.	Significance of measuring hematocrit by wintrobe's hematocrit tube vis - a - vis hematology auto - analyzer in pregnant mothers to detect iron - deficiency state
14.	Assessment of the effect of treatment in HCV infected transfusion dependent thalassemia patients by clinical, biochemical, haematological and serological parameters
15.	Cyto - histopathological correlation of findings in lymphadenopathy - limitations and pitfalls
16.	Clinicopathological study epithelial neoplasms of ovary with special reference to expression of her2/neu and P53
17.	Clinicopathological study of breast carcinoma with special reference to expression of ER, PR, HER2 / NEU, Ki - 67 and CK5/6
18.	Histopathological study of gastric carcinoma with special reference to expression of her2/neu and Ki - 67 assessed by immunohistochemistry
19.	Morphological study of megakaryocytes and its correlation to the etiology in thrombocytopenia cases
20.	Assesment of role of cytology for diagnosis of head and neck lesions in comparison to histology an institution based study in a tertiary care hospital
21.	Chemotherapy induced eosinophilia and its significance among the cancer patients treated at BSMC&H
22.	Immunohistochemical expression of p16 INK4a protein in cervical intraepithelial neoplasia and carcinoma cervix and its clinical correlation among patients attending BSMC &H
23.	Magnitude of transfusion transmitted infections among blood recipients in BSMC &H, Bankura
24.	A prospective study of lymphocyte density, cd4 and cd8 positive lymphocyte distribution in skin biopsies from psoriasis vulgaris patients before and after treatment with methotrexate
25.	To study the expression of TTF - 1 and P40 in non - small lung carcinoma
26.	The potential of neutrophil - to - lymphocyte ratio as an independent prognostic marker in breast cancer and its correlation with other established prognostic factors
27.	Study of expression of gata3, a novel specific biomarker for breast carcinoma and its correlation with ER/PR/HER - 2 - Neu and Ki - 67 labelling index

28.	Role of glypican3 and hep par1 in categorization of different hepatic sol utilising fine needle aspiration
29.	Clinicopathological spectrum of cervical carcinoma with expression of ecadherin and Ki67 for assessment of invasion and proliferation
30.	Immunohistochemical study of cytokeratin 5/6 and its correlation with eripr status in proliferative preinvasive malignant lesions of breast
31.	Comparision of EZH2 expression in different immunophenotypes of breast carcinoma and association with staging & grading
32.	Clinicohistopathological study of squamous cell carcinoma of cervix with analysis on expression of P16 and galectin 3 in different variants in selected cases
33.	A study to evalute the cancer stem cell marker cd44 expression in invasive breast carcinoma and its correlation with histologic grade and ptnm staging
34.	A study on expression profile of basal marker cd44 and luminal marker ck20 in urethelial neoplas m and its correlation with who grading and staging of tomour
35.	A study on association of the epithelial changes in the fallopian tube and the epithelial neoplasms of ovary using p53
36.	KI - 67 and MCM2 expression in epithelial breast cancers and its correlation with grade and stage
37.	Detection of F cell by flow cytometry using anti HB F monoclonal antibody in cases of feto maternal haemorrhage in RH negative pregnant women in a tertiary care hospital in Kolkata
38.	Diagnostic utility of cell block as an adjunct to conventional cytological smears of body cavity effusions in a tertiary care hospital
39.	Comparative study of expression of p16 and ki67 in cervical preneoplastic and neoplastic lesions along with HIV status
40.	Diagnostic importnce of flow cytometric evaluation in primary immuno deficiency disorders in a population of paediatric patients in a tertiary care hospital in Kolkata
41.	Clinicopathological evaluation of Pancreato Duodenectomy sspecimens in whipple's operation
42.	Spectrum of histopathological changes in cholecystectomy specimens to cholelithiasis with special references to dysplasia according to age
43.	Histopathological spectrum of non - tender subcutaneous nodules
44.	Clinicopathological and radiological correlation of retinoblastoma and assessment of prognostic factors - study from a tertiary care hospital of Kolkata
45.	Immunohistochemical profile and histopathological analysis of retinoblastoma cases with emphasis on risk stratification - study from a tertiary care hospital of Kolkata
46.	Clinico pathological study of infantile cholestatic disorders with special reference to immunohistochemistry and different histochemical stains
47.	Study of blood cell parameters for classification of anaemia clinico pathological and biochemical correlation
48.	Utility of M type phospholipase A2receptor as a biomarker in membranousglomerulonephritis: An experience from tertiary care hospital
49.	Study of clinicopathological variables in gastric carcinoma with special reference to CDX2 E - cadherin and her - 2 neu markers
50.	Spectrum of lesions of oral cavity and oropharynx with special reference to humsan papilloma virus (HPV).
51.	Role of liquid based cytology (LBC) and HPV typing for screening of precancerous lesion of cervix - experience in a tertiary care hospital
52.	Biologic relevance and clinical implication of ERG oncoprotein expression and P53 mutation in prostate cancer - Trus guided biopsy based study in a tertiary care hospital
53.	Study of serum ferritin and thyroid profile in patients of HBE / BETA thalassemia - An experience in a tertiary care hospital
54.	Study of glial tumours in a tertiary care hospital with special reference to Ki67 MGMT immunohistochemical expression
55.	Study of sinonasal mass lesions with special reference to p16 and p63 immunohistochemical expressions