

### 1. DISSERTATION TOPICS – DEPARTMENT OF ANATOMY – SMIMER

SN	Approved Yr	Submitted Yr	Topic
1	2013	-	Nil
2	2014	2016	Morphometric Analysis of Adult Human Atlas Vertebrae In South Gujarat Population
3	2014	2016	An Osteological Study Of Morphometric Variation Of Supra Scapular Notch In South Gujarat Population
4	2015	2016	Effect Of Smoking On Cytomorphometry And Cytomorphology of Buccal Mucosal Cells: A Comparative Study at a Tertiary Care Hospital Of South Gujarat
5	2015	2016	Comparision Of Qualitative And Quantitative Changes In Buccal Mucosal Cells Among Type 2 Diabetes Mellitus Patients And Non- Diabetic Individuas, An Exfoliative Cytological Study In a Tertiary Care Hospital
6	2016	-	Nil
7	2017	-	Nil

### 2. DISSERTATION TOPICS – DEPARTMENT OF PHYSIOLOGY – SMIMER

SN	Approved Yr	Submitted Yr	Topic
1	2013	2015	Non-Invasive Assessment Of Autonomic Cardiovascular Control In Pregnancy Associated With Anaemia
2	2013	2015	Assessment Of Autonomic Function In Major Depressive Disorder
3	2013	2015	Assessment Of Pulmonary Function Tests In CNG Pump Workers Of Surat City
4	2013	2015	Study The Arterial Blood Gas Analysis And Acid Base Balance In Children With Acute Severe Cases Of Bronchial Asthma
	2014	-	Nil
	2015	-	Nil
	2016	-	Nil
	2017	-	Nil

### 3. DISSERTATION TOPICS – DEPARTMENT OF PATHOLOGY – SMIMER

SN	Approved Yr	Submitted Yr	Topic
1	2013	2015	A Study of immunohistochemistry in the Diagnosis of Undifferentiated malignant tumors (Pathology)
2	2013	2015	Cytomorphological study of spectrum of cervical lesion in PAP smear of HIV Positive patients at tertioary care hospital.
3	2014	2016	" Correlation of Histological type and grade with ER/PR and HER-2/ neu status in Breast carcinoma patients at Tertiary Care Hospital, Surat, Gujarat"
4	2014	2016	"Exploration of prevalence of Rh alloimmunization in Antenatal Mothers at Tertiary Care Centre"
5	2015	2017	Histopathological evaluation of spectrum of ovarian lesion at tertiary care hospital Surat, Gujarat
6	2015	2017	Clinicohematological study of pancytopenia in paediatric age group at tertiary care hospital
7	2015	2017	Correlation study of morphological changes of placenta in normal and high risk pregnancies and effect on the pregnancy outcome .
8	2015	2017	Histopathological evaluation of endometrium in abnormal uterine bleeding at tertiary care hospital
9	2016	Pending	Histomorphological study in Autopsies conducted at tertiary Case Hospital in

			case of sudden death
10	2016	Pending	Clinicopathological study of masses in nose, paranasal sinuses & nasopharynx.
11	2016	Pending	Comparative study of RBCs histogram and peripheral smear in anemias,
12	2016	Pending	Cytological profile of thyroid lesion correlate with Radiological finding.
13	2017	Pending	Clinicopathological correlation of a specrum of papulosquamous lesion of skin.
14	2017	Pending	A Study of CD56 Immunohistochemistry in Papillary carcinoma of the thyroid
15	2017	Pending	Clinico- hematological study of pancytopenia in adults.
16	2017	Pending	Evaluation of granulomatous inflammation by FNAC using special stain.

#### 4. DISSERTATION TOPICS – DEPARTMENT OF MICROBIOLOGY – SMIMER

SN	Approved Yr	Submitted Yr	Topic
1	2012	2013	Study of Anibiotic resistance pattern in clinical isolate from various ICU of a Tertiary Care Hospital.
2	2014	2016	Bacteriological profile of surgical site infection and their Antimicrobial susceptibility in a tertiary care hospital.
3	2014	2016	Study of Systemic fungal infection in a tertiary care hospital.
4	2014	2016	A Study on incidence etiology and susceptibility patterns of microorganism causing ventilator associated pnuemonia in tertiary care hospital.
5	2014	2016	A Comparative study of virulence factor of uropathogenic and intestinal escherichia coli with their antimicrobial susceptibility pattern
6	2015	2016	Bacteriological profile and Antibiotic Sensivity Pattern of isolate from Blood Culture in Suspected septicemic patients attending tertiary care hospital.
6	2016	-	Nil
7	2017	-	Nil

#### 5. DISSERTATION TOPICS – DEPARTMENT OF PHARMACOLOGY – SMIMER

SN	Approved Yr	Submitted Yr	Topic
1	2014	2016	A study of effect of single dose of 2nd generation antihistaminic on cognitive & psychomotor function in the healthy human volunteers (approved by IEC)
2	2014	2016	Impact of Vitamin D3 supplementation on glycaemic control in Type 2 Diabetes Mellitus at a tertiary care hospital in Surat. (approved by IEC)
3	2014	2016	The study of adverse drug reactions in indoor patients of tuberculosis taking standardized antitubercular therapy (DOTS and PDMT) in a tertiary care hospital at Surat. (approved by IEC)
4	2015	2017	An observational study of intraocular pressure changes in postoperative cataract patients with Prednisolone, Dexamethasone & Difluprednate (approved by IEC)
6	2016	-	Nil
7	2017	-	Nil

#### 6. DISSERTATION TOPICS – DEPT OF FORENSIC MEDICINE & TOXICOLOGY – SMIMER

SN	Approved Yr	Submitted Yr	Topic
1	2011	2013	Study of asphyxial death due to pressure over the neck with radiological examination of hyoid bone and thyroid cartilage at tertiary care centre
2	2011	2013	A study of suicidal deaths in females with special reference to psychological and socio-economic status in autopsy cases at tertiary care centre
3	2012	2014	Study of histopathological changes and chemical analysis in sudden and suspicious death in post-mortem examination at tertiary care centre

4	2012	2014	Study of pattern of poisoning in relation to histopathological changes in stomach , liver, kidney and spleen
	2013	-	Nil
	2014	-	Nil
	2015	-	Nil
	2016	-	Nil
	2017	-	Nil

#### 7. DISSERTATION TOPICS – ENT DEPT – SMIMER

SN	Approved Yr	Submitted Yr	Topic
1	2013	2015	Clinical profile of benign nasal masses presenting as nasal polyposis.
2	2013	2015	Clinical, pathological and radiological correlation in a case of thyroid swelling.
3	2014	2016	Anatomical and surgical importance of Tubercle of Zuckerkandl of thyroid for detection of recurrent laryngeal nerve and completeness of thyroid surgery.
4	2014	2016	Comparative study of tympanoplasty with or without mastoidectomy in Tubotympanic type of chronic Suppurative otitis media (quiescent stage).
5	2015	2017	Role of turbinoplasty in cases of nasal obstruction
6	2015	2017	Study of effectiveness of ear lobule fat in closure of small tympanic membrane perforation
7	2016	Pending	Clinicopathological correlation between depth of tumor and neck metastasis in oral tongue and buccal mucosa carcinoma.
8	2016	Pending	Clinical study of a patient of vertigo with electronystagmography.
9	2017	Pending	Analysis of cases of Endonasal Endoscopic Dacrocystorhinostomy With mucosal flap technique in Chronic dacryocystitis
10	2017	Pending	A study of hearing results in canal wall down mastoidectomy with tympanoplasty for atticoantral chronic otitis media

#### 8. DISSERTATION TOPICS – OPHTHALMOLOGY DEPT – SMIMER

SN	Approved Yr	Submitted Yr	Topic
1	2014	2016	A comparative study of post-operative astigmatism and visual outcome in patients operated for penetrating keratoplasty and deep anterior lamellar keratoplasty.
2	2014	2016	A Comparative Study Of Clinical Efficacy of Bimatoprost 0.03% and Timolol 0.5% in Normal Tension Glaucoma.
3	2015	2017	Postoperative visual outcome and complication rate of 20 gauge parsplana Vitrectomy.
4	2015	2017	Incidence of angiographic cystoids macular oedema in patients without diabetes who are operated for cataract extraction.
5	2016	2018	Study of effect of ketorolac 0.4% versus nepafenac 0.1% on pseudophakic cystoids macular edema after uneventful small incision cataract surgery.
6	2016	2018	To compare the efficacy of 0.1% Tacrolimus ophthalmic ointment with 0.05% cyclosporine eye drops in treatment of vernal keratoconjunctivitis [ VKC ].
7	2017	Pending	Prevalence of branch retinal vein occlusion and associated risk factors at a tertiary care centre.
8	2017	Pending	A study of contrast sensitivity changes in normal individual & diabetic patients with and without diabetic retinopathy.

#### 9. DISSERTATION TOPICS – ORTHOPAEDICS DEPT – SMIMER

SN	Approved Yr	Submitted Yr	Topic
1	2013	2015	A study of clinical and functional outcome of intraarticular fractures of the distal

			end of radius fixation with plating
2	2013	2015	A comparative study of Dynamic Hip screw vs proximal femoral nail in unstable intertrochanteric fracture of femur
3	2014	2016	Functional outcome of High tibial osteotomy in patients with medial compartment osteoarthritis knee
4	2014	2016	A study of shoulder function and union rate in patients operated with hook plate in lateral end clavicle fracture
5	2015	2017	Evaluation of results of unstable intertrochanteric femur fracture treated with Dynamic hip screw and trochanteric stabilisation plate
6	2015	2017	An evaluative study of meniscus repair in patients of meniscus injury in tertiary care hospital
7	2016	Pending	Operative versus non operative treatment of closed displaced intraarticular fracture of the calcaneus
8	2016	Pending	Comparative study of expert tibia nail versus plating in upper 1/3rd Tibia fracture
9	2017	Pending	Evaluation and functional outcome of tibial plateau fracture fixation based on CT based 3 column classification
10	2017	Pending	A comparative study of anatomical olecranon plating vs Tension Band Wiring in surgical management olecranon fractures
11	2017	Pending	Evaluation of results of multiplanar fixation in lower 1/3rd Tibia fractures
12	2017	Pending	A study of conservative vs Operative management in lumbar disc disease
13	2017	Pending	Evaluation of various k Wire geometries in outcome of paediatric supracondylar humerus fracture
14	2017	Pending	A comparative study of single versus double bundle row in repair of supraspinatus tear
15	2017	Pending	An analysis of external and internal fixations in intraarticular fractures of the distal end of radius
16	2017	Pending	Surgical treatment of neglected CTEV with external fixator

#### 10. DISSERTATION TOPICS –DEPT OF GENERAL SURGERY– SMIMER

SN	Approved Yr	Submitted Yr	Topic
1	2013	2015	Study of management of urethral stricture in tertiary care hospital.
2	2013	2015	Evaluation of hyperbilirubinemia as an additional diagnostic marker for Acute Appendicitis perforation or gangrenous
3	2013	2015	To study the outcome of different modalities of management of extradural haemorrhage in head injuries.
4	2013	2015	Study of lower ureteric calculi size, Determine the modalities of treatment.
5	2013	2015	A study of optimum timing of laproscopic cholecystectomy in patients.
6	2014	2016	Diagnostic value of upper gastrointestinal endoscopy prior to elective laproscopic cholecystectomy for symptomatic cholelithiasis.
7	2014	2016	Bishop score in predicting the severity and prognosis in patients of acute pancreatitis. An observational study.
8	2014	2016	A study of clinicopathological status and various modalities of treatment for diabetic foot.
9	2014	2016	Preoperative prediction of difficult laproscopic cholecystectomy.
10	2014	2016	Study on comparison between extracorporeal laproscopic assisted appendicectomy versus conventional appendicectomy in uncomplicated appendicitis.
11	2015	2017	Observational study of utility of drain in exploratory laparotomy.
12	2015	2017	A study of effectiveness of Mannheim peritonitis index in predicting the outcomes in patients with secondary peritonitis.
13	2015	2017	Role of Ormeloxifen in case of mastalgia and fibro adenoma.
14	2015	2017	Study of post operative pain and early recurrences in without mesh fixation

			versus with mesh fixation in laparoscopic hernia repair observational study.
15	2015	2017	Post operative changes in testicular size and vascularity in inguinal hernia repair.
16	2016	Pending	Observational study of surgical site infection occurring in gastro intestinal surgeries.
17	2016	Pending	Observational comparative study between 2portt laparoscopic cholecystectomy versus standard port laparoscopic cholecystectomy.
18	2016	Pending	Evaluation of normal urethral length in Indian population and its potential use to modify instrument.
19	2016	Pending	Observational study on management of giant abdominal wall defect.
20	2016	Pending	A comparative study between open versus close lateral sphincterotomy in a patient of acute anal fissure.
21	2017	Pending	A study of comparison between pure tissue repair (Deserda) and prosthetic repair (Lichtenstein) for inguinal hernia repair.
22	2017	Pending	Comparative study between honey dressing and Betadine dressing in diabetic foot.
23	2017	Pending	Outcome of laproscopic inguinal hernia repair without pseudo sac management.
24	2017	Pending	Comparative study between suture haemorrhoidopexy and conventional haemorrhoidectomy.
25	2017	Pending	Vaccum assisted closure dressing compared to normal dressing in wound management.
26	2017	Pending	Combined use of modified Alvarado score and USG finding to prevent negative appendicectomy.
27	2017	Pending	Surgical audit for patient safety norms in surgical OT in SMIMER, Surat.
28	2017	Pending	Post operative wound complication in operated wounds.
29	2017	Pending	A study of USG guided foam sclerotherapy for treatment of varicose vein in tertiary hospital.
30	2017	Pending	An observational study of comparison between conventional methods in management of thoracic empyema.
31	2017	Pending	Doppler ultrasound evaluation of pattern of venous incompetence and relation with skin changes in varicose vein patient.
32	2017	Pending	Chemical analysis of renal calculi and prevention of recurrence through dietary advice.
33	2017	Pending	An analysis of biliary tract injuries and its management in laparoscopic cholecystectomy.
34	2017	Pending	A study of ultrasound guided needle aspiration versus surgical drainage in the management of breast abscess.
35	2017	Pending	A study of aetiology and management of non traumatic ileal perforation.
36	2017	Pending	Early endoscopy of oesophagus stomach and duodenal bulb in patient with hematemesis and malena.

### 11. DISSERTATION TOPICS – ANAESTHESIA DEPT – SMIMER

SN	Approved Yr	Submitted Yr	Topic
1	2013	2015	A comparison of effect of oral pre-medication with Clonidine and Metoprolol on intraoperative hemodynamics and surgical conditions during functional endoscopic sinus surgery
2	2013	2015	Assessment of the benefits of Bispectral index monitoring for using of volatile anaesthetic agents for anaesthesia
3	2013	2015	A study of propofol auto-co-induction versus midazolam-propofol co-induction using priming principle by Bispectral index analysis for ambulatory surgery
4	2014	2016	Effect of dexmedetomidine infusion on Halothane requirement to provide

			oligemic surgical field during middle ear surgeries under general anaesthesia
5	2014	2016	Effect of oral Clonidine and oral Gabapentine as premedication on hemodynamic stress responses during laryngoscopy and tracheal insertion and duration of postoperative analgesia
6	2014	2016	Effect of a single pre operative dose of dexmedetomidine versus Fentanyl on anaesthetic requirement and perioperative hemodynamic stress response
7	2014	2016	Real time ultrasound guided catheterisation of the internal jugular vein. A prospective comparison with the landmark technique
8	2014	2016	A comparative evaluation of hyperbaric Ropivacaine versus hyperbaric bupivacaine in lower abdominal and lower limb surgeries under spinal anaesthesia
9	2015	2017	Intraperitoneal instillation of Bupivacaine alone versus Bupivacaine plus dexmedetomidine versus Bupivacaine plus Tramadol for post operative analgesia following laproscopic cholecystectomy
10	2015	2017	Comparison of dexmedetomidine and magnesium sulphate as an adjuvant to Bupivacaine for transversas abdominis plane block in caesarean delivery for post operative analgesia
11	2015	2017	A comparison of the effects of Propofol and Sevoflurane on post operative cognitive function and memory in patient undergoing general anaesthesia
12	2015	2017	Postoperative analgesia after major abdominal surgery: influence of Fentanyl-Bupivacaine patient controlled epidural analgesia versus Fentanyl patient controlled intravenous analgesia
13	2015	2017	Comparion of infraclavicular brachial plexus block with supraclavicular brachial plexus block in upper limb surgeries under guidance of peripheral nerve stimulator
14	2015	2017	To compare the insertion conditions and hemodynamic changes during I-gel insertion using Prpofol , ketamine-Propofol combination (Ketofol) and Thiopentone as intravenous induction agents
15	2015	2017	A comparison of epidural versus intravenous administration of dexmedetomidine as an adjuvant to epidural anaesthesia in lower abdominal and lower limb surgery
16	2015	2017	Epidural labour analgesia: A comparison of mixture of Ropivacaine 0.125 % with Fentanyl versus Ropivacaine 0.2 % with fentanyl
17	2015	2017	Comparison of Proseal laryngeal mask air way and I-gel for ease of insertion and hemodynamic stability in patients undergoing general anaesthesia
18	2016	Pending	Comparative evaluation of lidocaine(2%)plus Ropivacaine (0.75%) versus Lidocaine (2%) plus Bupivacaine(0.50%) during peribulbar anesthesia for Cataract surgery
19	2016	Pending	Comparison of effect of Proseal LMA laryngeal mask cuff inflation with Air,oxygen,air:oxygen mixture &nitrous oxide : oxygen mixture in adults :A randomised double blind study
20	2016	Pending	Study to compare the effect of bolus versus intravenous infusion of Dexmedetomidine on intraoperative haemodynamics in ENT surgeries under general anesthesia
21	2016	Pending	Comparative evaluation of Propofol -ketamine,propofol-fentanyl and propofol-dexmedetomidine in terms of haemodynamic variables and recovery characteristics in general anesthesia
22	2016	Pending	Study of prediction of difficult laryngoscopy by ultrasound quantification of anterior neck soft tissue
23	2016	Pending	A study of usage of Laryngeal mask airway in children & its comparison with endotracheal intubationat tertiary care hospital
24	2016	Pending	Comparative evaluation of Dexmedetomidine and ketamine for Epidural analgesia in Lower limb orthopedic surgeries
25	2016	Pending	comparison of the effect of intravenously administered Dexmedetomidine

			versus clonidine on hemodynamic response and postoperative analgesia in Laproscopic surgery
26	2016	Pending	Comparative study of Ropivacaine alone, Ropivacaine with Dexmedetomidine and Ropivacaine with fentanyl for Caudal epidural analgesia perioperatively in pediatric infra umbilical surgery
27	2017	Pending	Comparison of effect of Ketofol and Ketofol- Dexmedetomidine combination on hyperdynamic responses to modified ECT and their role in Agitation and patient's satisfaction.
28	2017	Pending	Comparative evaluation of propofol and Etomidate in terms of hemodynamic variables and recovery characteristic in short case surgical procedures.
29	2017	Pending	A Comparative study of intrathecal versus epidural Buprenorphine for post operative analgesia in patients undergoing open lower limb orthopedic surgery.
30	2017	Pending	Clinical comparison of Etomidate, Propofol and admixture of Etomidate and Propofol induction on hemodynamic changes on laryngoscopy and intubation.
31	2017	Pending	A comparison of Post operative analgesic effects of Ropivacaine alone versus Ropivacaine plus Clonidine versus Ropivacaine plus Dexmedetomidine in wound infiltration for abdominal surgeries.
32	2017	Pending	Comparison of oral Midazolam and oral Dexmedetomidine in pediatric premedication.
33	2017	Pending	Comparative evaluation of Baska mask and proseal LMA in general anaesthesia
34	2017	Pending	A comparative study of combined femoral and sciatic nerve block with Ropivacaine versus Ropivacaine with Clonidine for surgeries around and below knee joint.
35	2017	Pending	Comparative evaluation of AMBU AURAGAIN with proseal laryngeal mask airway in patient undergoing short surgical procedure
36	2017	Pending	Comparison of upper lip bite test with hyomental/ thyromental distances and mandible length in predicting difficult intubation

## 12. DISSERTATION TOPICS – OBSTETRICS & GYNECOLOGY DEPT – SMIMER

SN	Approved Yr	Submitted Yr	Topic
1	2013	2015	Immediate postpartum insertion of IUCD and its follow up
2	2013	2015	Assessment of vitamin D deficiency during pregnancy attending ANC clinic tertiary care hospital
3	2014	2016	Study of metabolic syndrome in postmenopausal women
4	2014	2016	Study of post LSCS wound complication at tertiary hospital
5	2015	2017	Antepartum Evaluation of Amniotic Fluid Volume And Its Impact on Mode of Delivery And Perinatal Outcome
6	2015	2017	Role of imaging by saline infusion hysterosonosalingography in evaluation of female infertility
7	2016	Pending	Abnormal uterine bleeding and its clinicopathological correlation according to PALM-COEIN classification.
8	2016	Pending	Evaluation of modified biophysical profile in preclamptic patients and its perinatal outcome
9	2016	Pending	Comparison of routine versus restrictive episiotomy in primigravida
10	2016	Pending	Evaluation of cases in obstetrics in severe acute maternal morbidities
11	2016	Pending	Fetomaternal outcome in pregnant females following epidural analgesia in labour
12	2016	Pending	Study of relationship of Doppler indices to perinatal outcome in high risk pregnancy
13	2016	Pending	Evaluation of role of colposcopy in unhealthy cervix
14	2017	Pending	Clinical study of maternal ad fetal outcome in premature rupture of membranes at

			term
15	2017	Pending	Evaluation of lactate dehydrogenase as a marker of poor feto-maternal outcome in pre-eclampsia and eclampsia
16	2017	Pending	A study of metabolic syndrome among PCOS
17	2017	Pending	Maternal and fetal outcome of postdate pregnancy
18	2017	Pending	A study of Maternal and fetal outcome in patient with eclampsia at tertiary care hospital
19	2017	Pending	A clinical study of ectopic pregnancy
20	2017	Pending	To assess maternal and fetal outcome and success of vaginal birth after caesarean section after previous one caesarean section

### 13. DISSERTATION TOPICS –DEPT OF PEDIATRICS – SMIMER

SN	Approved Yr	Submitted Yr	Topic
1	2010	2012	Study of prevalence of nutritional anemia in adolescents and its screening for iron and vitamin B12 deficiency
2	2010	2012	Clinicopathological profile of complicated p.vivax malaria & resistant pattern of uncomplicated p.vivax malaria in pediatric patients
3	2010	2012	Study of detection of LBW babies by foot length as a proxy measurement and its comparison with other anthropometrical parameters
4	2010	2012	Comparison of morbidity and mortality in late preterm vs term born infants
5	2011	2013	Role of vitamin D supplementation in children with HIV
6	2011	2013	Prospective study of hearing impairment in high risk newborns in tertiary care hospital
7	2011	2013	Study of incidence of metabolic bone disease and associated risk factors in VLBW babies & high risk disease
8	2011	2013	Prevalence of obesity in adolescent age group & related risk factors & its association with blood pressure
9	2012	2014	To study correlation between nephrotic syndrome and UTI
10	2012	2014	Isoniazid preventive therapy – safety, efficacy, adherence in HIV infected adolescents
11	2012	2014	Profile of clinico-haematological parameters & its correlation with morbidity and mortality in acute malaria in pediatric patients
12	2012	2014	A prospective study to evaluate effectiveness of C-PAP as a primary mode of respiratory support on immediate outcome of neonates with respiratory distress syndrome
13	2013	2015	Analysis of noise in NICU and postnatal wards and effect of noise on vital parameters of normal preterm & term newborn
14	2013	2015	Study of Vitamin D status in patient of hemolytic anemia in tertiary care setting
15	2013	2015	Case control study: IDA as a risk factor of febrile seizure
16	2013	2015	Determining utility of TcB in neonatal jaundice
17	2014	2016	Case control study: To evaluate the association of vitamin D levels with early onset sepsis (EOS) in term neonates
18	2014	2016	Pulmonary function tests, in children with hemoglobinopathies (Thalassemia & sickle cell anemia) in tertiary care setup
19	2014	2016	Cord blood bilirubin as a predictor of neonatal hyperbilirubinemia
20	2014	2016	Study of clinical and laboratory profile of children with pleural effusion in urban hospital
21	2016	2017	Utility of transcranial ultrasound screening in preterm infants (with gestational age of 32-36 weeks) at tertiary care hospital
22	2016	2017	Urinary uric acid to creatinine ratio as a marker of perinatal asphyxia
23	2016	2017	Role of oral montelukast as add on in preschool wheezers
24	2016	2017	Clinical spectrum and predictive risk factors of major infections in hospitalized children with nephrotic syndrome



25	2016	2017	A study of ventilator associated pneumonia in neonatal intensive care unit at tertiary care centre
26	2017	Pending	Incidence of thrombocytopenia and changes in various platelet parameters in neonatal bacterial sepsis
27	2017	Pending	Glycaemic profile in critically ill admitted PICU patients
28	2017	Pending	Incidence of meconium aspiration syndrome and its correlates among neonates having meconium stained amniotic fluid in tertiary care centre
29	2017	Pending	Vitamin D deficiency and its association with critical illness and its outcomes in PICU patients
30	2017	Pending	To study comparison of different scores for predicting the mortality and morbidity in PICU in our setup
31	2018 (Feb)	Pending	A comparative study of outcomes of PEM (grade 1 and 2 ) with zinc supplementation (daily vs weekly)
32	2018 (Feb)	Pending	Evaluation of risk factors associated with febrile seizures
33	2018 (Feb)	Pending	A Study of vitamin D deficiency prevalence and impact on morbidities in preterm neonates.
34	2018 (Feb)	Pending	Ventilator support and its clinical outcome in nicu in a tertiary health care centre
35	2018 (Feb)	Pending	The role of Vitamin D prophylaxis in severity and exacerbation of asthma at tertiary care centre
36	2018 (Feb)	Pending	Evaluation of platelet count as predictive parameter in dengue fever in pediatrics patient
37	2018 (Feb)	Pending	Study of serum calcium levels in near term more than 35 weeks of gestational age and term newborns under phototherapy for physiologically exaggerated hyperbilirubinemia

#### 14. DISSERTATION TOPICS – DEPARTMENT OF MEDICINE – SMIMER

SN	Approved Yr	Submitted Yr	Topic
1	2017	Pending	Carotid Doppler Screening in Type – 2 diabetes with risk factor.
2	2017	Pending	Study of Hyponatremia in case of cirrhosis of liver.
3	2017	Pending	Comparison of Arterial & Venous blood gas sample for diagnosis of acid-base abnormality in patient with diabetes acidosis.
4	2017	Pending	A study of Peradeniya scoring system & serum cholinesterase level with respect to complications & outcome in patients of organo-phosphorus compound poisoning.
5	2017	Pending	A study of Thyroid dysfunction in patients admitted in Medical ICU & its correlation with outcome.
6	2017	Pending	Study of early lactate clearance as an independent predictor of survival in patients with presumed sepsis.
7	2017	Pending	Study of thyroid dysfunction in patients of CKD.
8	2017	Pending	Study of Pulmonary function test in type – 2 Diabetes Mellitus.
9	2017	Pending	Study of Vitamin B12 deficiency in CKD patients.
1	2016	Pending	Study of Thyroid dysfunction in type – 2 DM.
2	2016	Pending	Study of Serum Uric acid estimation – as a prognostic indicator in Acute Ischemic CV stroke.
3	2016	Pending	Correlation between NAFLD & other components of Metabolic syndrome in type – 2 diabetes mellitus in a tertiary care hospital of south Gujarat.
4	2016	Pending	Role of Serum Homocystine Level in Essential Hypertension.
5	2016	Pending	Study of Lipid profile changes in Dengue Fever.
1	2015	2017	Study of Serum lipid profile in Acute Viral Hepatitis.
2	2015	2017	Study of adverse drug reaction of TLE regimen in HIV infected patients at a tertiary care hospital.
3	2015	2017	Study of LV diastolic dysfunction in DM at tertiary care hospital in south

			Gujarat.
4	2015	2017	Study of left ventricular systolic & diastolic functions in patients of Sickle cell disease in south Gujarat.
5	2015	2017	A Study of evaluation of Platelets as a prediction parameter in severe dengue fever.
1	2014	2016	Study of Plasma fibrinogen level in Acute Stroke
2	2014	2016	Trends of Respiratory infection and its correlation with CD4 count in HIV Positive patients
3	2014	2016	Mortality predictors of ARDS in Tertiary care hospital in ICU in South Gujarat
4	2014	2016	A study of the role of Vit D in patients of Systemic HT
5	2014	2016	Study of the clinical profile of Alcoholic hepatitis with special reference to the Discriminant Factor
1	2013	2015	A study on the association between Vit D deficiency and type 2 DM
2	2013	2015	Hematological profile of HIV seropositive patients
3	2013	2015	Study of prevalence and impact of hyperuricemia in patients of HT
4	2013	2015	Assessment of liver function in type 2 DM
5	2013	2015	Clinical profile of Jaundice in pregnancy

### 15. DISSERTATION TOPICS –DEPT OF RESPIRATORY MEDICINE – SMIMER

SN	Approved Yr	Submitted Yr	Topic
1	2013	2015	Study of correlation of clinical profile, electrocardiographic and echo cardiographic profile in patients of chronic obstructive pulmonary disease and cor-pulmonale.
2	2013	2015	Anti-tuberculosis treatment induced hepatitis- a study of incidence of recurrence of hepatitis and treatment outcome after reintroduction of anti- tubercular drugs.
3	2013	2015	A study of clinical profile and outcome of inter-costal drainage tube insertion in cases of spontaneous pneumothorax admitted at pulmonary medicine department at tertiary care centre.
4	2014	2016	Utility of fiberoptic bronchoscopy in suspected cases of pulmonary tuberculosis who are sputum smear negative.
5	2014	2016	Role of cerebrospinal fluid adenosine deaminase in diagnosis of tubercular meningitis in tertiary care centre.
6	2014	2016	Clinical profile and outcome of patients presenting with hemoptysis in a tertiary care centre in south gujarat.
7	2015	2017	Role of sputum induction for getting desirable sample to increase diagnosis of sputum positive pulmonary tuberculosis.
8	2015	2017	Clinical profile and outcome of non invasive ventilation in patients with acute respiratory failure.
9	2015	2017	Correlation of clinical features , radio logical findings and lung function values including dlco ( diffusion capacity of lungs for carbon monoxide) in interstitial lung diseases.
10	2016	Pending	Role of fiber optic video bronchoscopy in suspected cases of lung mass.
11	2016	Pending	Clinical profile and RNTCP based treatment outcome in patient's of pott's spine.
12	2016	Pending	A study of causes of loss to follow up of patients and measures to improve their adherence to RNTCP based treatment regimens.
13	2017	Pending	A study of correlation between clinical features, radiological fetures and Spirometry parameters in patients of Bronchiactasis
14	2017	Pending	Study of methods, criteria and outcome of weaning from invasive mechanical ventilation in intensive respiratory critical care.
15	2017	Pending	Effectiveness and complications of intercostal drainage tube insertion in empyema thoracic and need for surgical intervention post inter costal drainage tube insertion.
16	2017	Pending	To study the adverse drug reactions associated with category 4 and category 5 anti tubercular drugs and its impact on quality of life of patients suffering from

			MDR (multi drug resistant) and XDR (extensive drug resistant) tuberculosis.
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### 16. DISSERTATION TOPICS –DEPT OF DERMATOLOGY – SMIMER

SN	Approved Yr	Submitted Yr	Topic
	2013	-	Nil
	2014	-	Nil
	2015	-	Nil
1	2016	Pending	A clinical study of Lichen planus and its non-cutaneous association at tertiary care hospital
2	2017	Pending	Clinical Study of Adult acne at tertiary care hospital
3	2017	Pending	A study of Dermatoses in antenatal patients attending tertiary care hospital
4	2017	Pending	Comparative Study between topical phenol and betamethasone in Alopecia Areata at tertiary care hospital

### 17. DISSERTATION TOPICS –DEPT OF RADIO-DIAGNOSIS – SMIMER

SN	Approved Yr	Submitted Yr	Topic
1	2014	2016	Transcranial Doppler evaluation of middle cerebral artery in paediatric patients with sickle cell disease
2	2014	2016	Evaluation of neck masses with various imaging modalities
3	2014	2016	Role of transrectal ultrasound and color Doppler study in prostatic pathology and correlation of its findings with other investigations
4	2015	2017	Multimodality imaging evaluation of various pathologies of female reproductive system
5	2015	2017	Evaluation of the posterior segment ocular disorders by B scan
6	2015	2017	Evaluation of solid breast lesions with mammography, ultrasonography, colour Doppler and sonoelastography
7	2016	Pending	MRI evaluation of CNS pathologies in HIV infected patients
8	2016	Pending	Evaluation of Patients with Pancreatico-biliary pathologies on USG and its Correlation with MRCP
9	2016	Pending	Role of Pre-treatment Magnetic resonance imaging in tongue carcinoma
10	2017	Pending	MRI scan in evaluation of intracranial ring enhancing lesion
11	2017	Pending	USG and CT correlation in bowel pathology
12	2017	Pending	Fetal corpus callosum; A centile normogram
13	2018	Pending	Evaluation of pelvic floor dysfunction by 3D perineal ultrasound (IEC approval pending)
14	2018	Pending	CT evaluation of buccal mucosa carcinoma (IEC approval pending)
15	2018	Pending	Triphasic CT evaluation of liver lesion and its biopsy correlation (IEC approval pending)