

Department of Anaesthesiology

Thanjavur Medical College

1.About us:

Thanjavur Medical College (TMC) is a Multi Super Specialty tertiary care centre. It comprises of two hospital campus.

1. Around 1500 bedded Thanjavur Medical College Hospital (TMCH)
2. Around 500 bedded Raja Mirasudar Hospital (RMH)

- TMCH comprises of 24 operating rooms with 52 cubicles, apart from Pre Assessment Clinic, Pain and Palliative Clinic, services of NORA, 2 Post Anaesthesia Intensive Care Units (PACU). TMCH has three Liquid Medical Oxygen (LMO)plants with Medical Gas Pipeline System (MGPS), 2 CSSD and 11 Manifolds.
- RMH comprises of 5 Operating rooms with 10 cubicles as well as Pre Assessment clinic and 1 Post Anaesthesia Intensive Care Unit (PACU).
- RMH has 1 Liquid Medical Oxygen (LMO) plant with MGPS, 1 CSSD and 6 Manifolds.

With the advent of super specialty departments, advanced and complicated cases like laparoscopic surgery, Neuro surgery, Vascular surgery, etc., are being done. The average number of cases operated per year has also exponentially increased. All calls from IMCU, ICCU, Toxicology ICU, SICU, Emergency and Trauma ward in TMCH and OG ICU in RMH are being attended by anaesthesiologists. All the critical patients on ventilator in both the hospitals are supervised by our anaesthesiologists.

The Super speciality block under PMSSY houses five state of art high end theatres, cath labs along with a 90 bedded ICU and a skill lab. High end equipments like hemodynamic monitor, patient control are being regularly used.

2.Department Academics:

1.MBBS

S.No	Topics	Details
1	MBBS 150 students per year	Yes
2	Clinical class daily	11.30am to 12.30 pm
3	Early clinical introduction class for 1 st semester students on Saturdays	First semester students not posted
4	Elective posting in diabetology for the 6 th semester	6 th semester students not posted

2. M.D.

S.No	Topics	Details
1	MD (Anaesthesiology)	13 students per year
2	Theory	Three sessions per month
3	Clinical(Case Presentation and discussion)	Once a month
4	Symposium	Once a month
5	Journal Club	Monthly once
6	Group Discussion	Daily during OT hours
7	Clinico Pathological class	Monthly once
8	OSCE	Once a week
9	Viva	Monthly once
10	Seminar	Monthly once
11	Grand rounds	Twice a week
12	Guest Lectures	Monthly once

3. Mch.

Sl.No.	Topics	Details
1	M.ch	No





4. B.sc Technician Course (Degree Paramedical Course)


S.No	Topics	Details
1	B.sc Operation Theatre and Anaesthesia Technology	1.Theory - Five classes per month 2.Case based learning : Daily inside the OT

3.Infrastructure

S.No	Topics	Details
1	Lecture Hall	1 no
2	Clinical Demo room	3 nos
3	Museum	1 no
4	Library	1 no
5	Live streaming with wifi connection available	Yes
6	Audio-visual equipment available	Yes
7	Bedside Ultrasonography and Echoardiography	4 nos

4.Faculty Details


S.No	Name of the faculties	Designation	Qualification	TNMSC Registration No	Email ID	Photo
1	Dr.Shanthi Paulraj	HOD & Professor	MD	52796	shanthipaulraj2016@gmail.com	
2	Dr.C.Kumaran	Professor	MD	52868	priyakumaran2008@yahoo.com	
3	Dr.B.Jeyarani	Professor	MD,DA	60012	drjeyaranitnj@gmail.com	
4.	Dr.S.Leo	Professor	MD	59115	leosun2000@gmail.com	

5	Dr.S.Saiprabha	Associate Professor	MD	68422	dr.saiprabha@gmail.com	
6	Dr.R.Haribaskar	Associate Professor	MD	68074	haribaskar5645@yahoo.com	
7	Dr.B.Mohamed Sameer	Associate Professor	MD	59073	bmdsameer@rediffmail.com	
8	Dr.G.Balaji	Associate Professor	MD	83447	balajiamudhatvr@gmail.com	

9	Dr.G.Malini	Associate Professor	MD,DA	71808	drmalinibabu@gmail.com	
10	Dr.J.Vasanthi	Associate Professor	MD,DA	57457	rajvasanthi304@gmail.com	
11	Dr.C.Senthil	Associate Professor	MD,DA	74222	drsenthil79@gmail.com	
12	Dr.S.Yogasathya	Assistant Professor	MD	86549	dryoga84@gmail.com	
13	Dr.N.Maheswari	Assistant Professor	DA,DNB	70463	nmaheswa@yahoo.co.in	

14	Dr.P.Sathyarayanan	Assistant Professor	MD	77061	P.sathyarayanan@gmail.com	
15	Dr.G.Karthik	Assistant Professor	MD	94965	gunakarthik05@gmail.com	
16	Dr.P.Eniya	Assistant Professor	MD	93213	enismiles@gmail.com	
17	Dr.R.Kabilan	Assistant Professor	MD	95545	kabspaceway@gmail.com	 R. KABILAN 2.08.2022
18	Dr.P.Mohan	Assistant Professor	MD	82589	drpmohan01@gmail.com	

19	Dr.A.Karikalan	Assistant Professor	MD	82662	drkari84@gmail.com	
20	Dr.V.R.Udhayanan	Senior Resident	MD	50663	vrudhayanan@gmail.com	
21	Dr.N.Arivazhagan	Senior Resident	MD	102086	dr.arivu88@gmail.com	
22	Dr.SV.Saminathan	Senior Resident	MD	101099	samielectric@gmail.com	
23	Dr.R.Charu Prabha Chandran	Senior Resident	MD	97376	chandravimathi@gmail.com	

24	Dr.C.Ishwarya	Senior Resident	MD	117418	cishu.doc@gmail.com	
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5.Publication details by the faculty

S.No	Name of the Faculties	Designation	Title	Journal Name	Month year of Publication	Order of author	Type of Article
1	Dr.Shanthi Paulraj	HOD & Professor	Intravenous granisetron attenuates hypotension during spinal anaesthesia in caesarean delivery..A double blind prospective randomized controlled study.	Indian Journal Of Applied Research	08.03.2018	First	Original Research
			Evaluation of the effect of intrathecal fentanyl citrate as an adjuvant with hyperbaric bupivacaine	Indian Journal Of Applied Research	08.03.2018	First	Original Research
			Prevention of post operative nausea and vomiting in adenotonsillectomy patients a comparative study between dexamethasone and ondansetron	Paripex – Indian Journal Of Research	07-03-2018	Corresponding	Original Research
			Intrathecal pethidine as a sole anaesthetic agent for perinatal surgeries	Paripex – Indian Journal Of Research	07-03-2018	Corresponding	Original Research
2	Dr.C.Kumaran	Professor	Prevention Of Post Operative Nausea And Vomiting In Adenotonsillectomy Patients A Comparative Study Between Dexamethasone And Ondansetron	Indian Journal Of Research	08.03.2018	First	Original Research
			Intrathecal Pethidine As A Sole Agent For Perineal Surgeries	Indian Journal Of Research	08.03.2018	First	Original Research
			Evaluation Of The Effect Of Intrathecal Fentanyl Citrate As An Adjuvant With Hyperbaric Bupivacaine For Caesarean Section	Indian Journal Of Applied Research	07-03-2018	Corresponding	Original Research
			A Study Of The Efficacy Of Tramadol As	Indian Journal Of Applied	07-03-2018	Corresponding	Original

			An Adjuvant To Bupivacaine In Brachial Plexus Block.	Research			Research
			Clonidine As An Adjuvant To Ropivacaine In Subclavian Perivascular Approach To Brachial Plexus Block	Indian Journal Of Applied Research	Mar - 2019	First	Original Research
3	Dr.B.Jeyarani	Professor	A Comparison of Intravenous Paracetamol and Intravenous Diclofenac Sodium for Post-Operative Pain Relief in Functional Endoscopic Sinus Surgery - A Randomized Study.	Indian Journal Of Applied Research	2017 - August	First	Original Research
			A Comparative Study of Combined Spinal Epidural Anesthesia Versus Epidural Anesthesia for Elective Caesarean Section.	Indian Journal Of Applied Research	2018 - September	First	Original Research
			A Comparative Study of Topical Analgesia with 4% Lignocaine and 0.5% Bupivacaine for Post Operative Pain Relief Following Tonsillectomy.	Indian Journal Of Applied Research	2017	Corresponding	Original Research
			A Comparative Study of Intravenously Administered Clonidine and Magnesium Sulfate on Hemodynamic Responses During Laparoscopic Surgeries.	Indian Journal Of Anesthesia And Analgesia	2017	Second	Original Research
			A Prospective Study to Evaluate the Role of Vasopressin in Hypernatremia Treatment in Brain Dead Patients.	Indian Journal Of Anesthesia And Analgesia	2019	Second	Original Research
			Paravertebral block - a better alternative to spinal Anaesthesia for unilateral inguinal hernia repair	Indian Journal Of Applied Research	2017	Second	Original Research
			Comparison of ultrasound guided technique with conventional landmark technique for Supraclavicular brachial plexus nerve block in Patients undergoing upper limb surgeries	Paripex – Indian Journal Of Research	2017	First	Original Research
			A comparative study of plain bupivacaine and Bupivacaine midazolam Combination in landmark based supraclavicular Brachial plexus block	Indian Journal Of Applied Research	2017	First	Original Research
			Comparison of effects of clonidine and dexmedetomidine as an adjuvant to ropivacaine in sciatic femoral block in lower limb surgeries	International Journal of Pharmaceutical and clinical research	2024	Second	Original Research
4	Dr.S.Leo	Professor	Comparative study of levobupivacaine and RAC-bupivacaine for caudal analgesia in paediatric sub umbilical surgeries	Journal Evolution Med Dent. Science	08.03.2018	First	Original Research
			Intravenous granisetron attenuates hypotension during spinal anaesthesia in caesarean delivery- a double blind prospective randomized controlled study.	Indian Journal Of Applied Research	08.03.2018	Corresponding	Original Research
			A study to evaluate the post operative analgesic efficacy of dexmedetomidine added to intrathecal ropivacaine in lower limb orthopaedic surgeries.	Paripex – Indian Journal Of Research	07-03-2018	Corresponding	Original Research

			A comparative study of intrathecal Dexmedetomidine and clonidine as an adjuvant to intrathecal bupivacaine in elective lower limb surgeries	Indian Journal Of Applied Research	07-03-2018	First	Original Research
			Use of butarphanol,fentanyl,andketamineas co-induction agentswith propofol for laryngeal mask airway insertion-A comparative study	Anaesthesia Essays And Researches	2018	Second	Original Research
5	Dr.S.Saiprabha	Associate Professor	A comparative study of topical anaesthesia with 4% lignocaine and 0.5% bupivacaine for post operative pain relief following tonsillectomy	Indian Journal Of Applied Research	2017	First	Original Research
			A comparative study of rocuronium priming,magnesiumpre treatment and their combination in neuromuscular blocking characteristics and quality of tracheal intubating conditions.	Indian Journal Of Applied Research	2017	First	Original Research
			Controlled Hypotension With Desflurane Combined With Esmolol Or Dexmedetomidine During Mastoidectomy In Adults: A Randomised Controlled Trial	International Journal of Academic Medicine and Pharmacy	Mar - 2023	Second	Original Research
			Comparative Study Of Right Internal Jugular Vein Cannulation By The Real-Time Ultrasound Imaging, Ultrasound-Guided Prelocation And The Anatomical Landmark Technique - A Prospective Randomized Trial	International Journal of Academic Medicine and Pharmacy	Mar - 2023	First	Original Research
6	Dr.R.Haribaskar	Associate Professor	Assessment of Pain Relief following Intrauterine Lignocaine In Addition to Para cervical Block for Fractional Curettage	International Journal Of Reproduction,contraception,obstetrics And Gynecology	Dec - 2016	Corresponding	Original Research
			A Study of the efficacy of Tramadol as Adjuvant to Bupivacainein Brachial Plexus Block	Indian Journal Of Applied Research	Mar - 2018	First	Original Research
			Clonidine as An Adjuvant To Ropivacaine in Subclavian Perivascular Approach to Brachial Plexus Block	Indian Journal Of Applied Research	Mar - 2019	Corresponding	Original Research
			Injection of Sterile Water Intracutaneoulsy over The Sacrum for Labour Pain Relief	Indian Journal Of Applied Research	Feb - 2020	First	Original Research
7	Dr.B.Mohamed Sameer	Associate Professor	A comparative study of epidural butorphanol and fentanyl as adjuvants to bupivacaine in lower abdominal surgeries	Indian Journal Of Applied Research	08.03.2018	Corresponding	Original Research
			An evaluation of the efficacy of adding clonidine to bupivacaine in infraclavicular approach of brachial plexus block.	Paripex – Indian Journal Of Research	08.03.2018	First	Original Research
			A study of evaluation of efficacy of epidural bupivacaine with sufentanyl for labour analgesia.	Paripex – Indian Journal Of Research	07-03-2018	Corresponding	Original Research
			A comparative study of combined spinal epidural anaesthesia versus epidural anaesthesia for elective caesarean section	Indian Journal Of Applied Research	07-03-2018	Corresponding	Original Research

			A study to evaluate the postoperative analgesic efficacy of dexmedetomidine added to intrathecal ropivacaine in lower limb orthopaedic surgeries	Paripex – Indian Journal Of Research	07-03-2018	First	Original Research
			Controlled Hypotension With Desflurane Combined With Esmolol Or Dexmedetomidine During Mastoidectomy In Adults: A Randomised Controlled Trial	International Journal of Academic Medicine and Pharmacy	Mar - 2023	First	Original Research
			Comparative Study Of Right Internal Jugular Vein Cannulation By The Real-Time Ultrasound Imaging, Ultrasound-Guided Prelocation And The Anatomical Landmark Technique - A Prospective Randomized Trial	International Journal of Academic Medicine and Pharmacy	Mar - 2023	Second	Original Research
8	Dr.G.Balaji	Associate Professor	Prospective study to evaluate the role of vasopressin in hypernatremia treatment in braindead patients	Indian Journal Of Anesthesia And Analgesia	JULY-AUG-2019	First	Original Research
			Dexmedetomidine infusion during middle ear surgery under general anaesthesia to provide oligoemic surgical field: prospective study	Indian Journal Of Applied Research	04.02.2020	Corresponding	Original Research
9	Dr.G.Malini	Associate Professor	A prospective and randomized study comparing successful supraclavicular brachial plexus using nerve stimulator and ultrasound	Indian Journal Of Applied Research	08.03.2018	Corresponding	Original Research
			A prospective ,randomized study comparing the incidence of PDPH following spinal anaesthesia in obstetrics patient using 25G quinckes and whitacre spinal needle.	Indian Journal Of Applied Research	08.03.2018	First	Original Research
10	Dr.J.Vasanthy	Associate Professor	A Comparative Study of Effect of Clonidine Tramadol and Nalbuphine on Postspinal Anesthesia Shivering.	Indian Journal of Applied Research	2018	First	Original Research
			A Comparative Study of Oral Pregabalin Versus Gabapentin for Post Operative Analgesia Lower Limb Surgeries Under Spinal Anesthesia	Paripex – Indian Journal Of Research	2019	First	Original Research
			Comparison of effects of clonidine and dexmedetomidine as an adjuvant to ropivacaine in sciatic femoral block in lower limb surgeries	International Journal of Pharmaceutical and clinical research	2024	Corresponding	Original Research
11	Dr.C.Senthil	Associate Professor	A prospective and randomized study comparing successful supraclavicular brachial plexus using nerve stimulator and ultrasound	Indian Journal Of Applied Research	08.03.2018	First	Original Research
			A Comparative Study of Nerve Stimulator Versus Ultrasound-Guided Parascalene Approach of Supraclavicular Brachial Plexus Block	Indian Journal Of Applied Research	April 2019	Second	Original Research
12	Dr.S.Yogasathya	Assistant Professor	Comparative Study Between Proseal Laryngeal Mask Airway And I-Gel In Adult Patients Undergoing Elective	International Journal of Acad med form	May 2024	Corresponding	Original Research

			Surgery Under General Anaesthesia: A Randomised Trial				
13	Dr.N.Maheswari	Assistant Professor	Nil	Nil	Nil	Nil	Nil
14	Dr.P.Sathyanarayanan	Assistant Professor	Assessment of Patients' Satisfaction with Anesthesia Services and Its Associated Factors at a Teaching Hospital in South India: A Cross-Sectional Study	Tehran university of medical sciences	February 2022	Second	Original Research
15	Dr.G.Karthik	Assistant Professor	Nil	Nil	Nil	Nil	Nil
16	Dr.P.Eniya	Assistant Professor	Comparison of Intravenous Lignocaine and Dexmedetomidine for attenuation of hemodynamic stress response to laryngoscopy and endotracheal intubation	Indian Journal of Anaesthesia and analgesia	August 2020	First	Original Research
17	Dr.R.Kabilan	Assistant Professor	Comparison of Intravenous Clonidine and Magnesium Sulfate on Hemodynamic Response during Laparoscopic Surgeries	Indian Journal of Anaesthesia and analgesia	September 2017	First	Original Research
18	Dr.P.Mohan	Assistant Professor	Nil	Nil	Nil	Nil	Nil
19	Dr.A.Karikalan	Assistant Professor	Comparison of hemodynamic and respiratory effects of dexmedetomidine combined with propofol versus fentanyl propofol being control for insertion of I gel	International Journal of Anaesthesiology	August 2019	First	Original Research
			Comparative study of the post-operative analgesic effect of caudal block with ilioinguinal nerve block using bupivacaine in children, 2-7 years old undergoing inguinal surgeries	International Journal of Anaesthesiology	February 2020	First	Original Research
20	Dr.V.R.Udhayanan	Senior Resident	Nil	Nil	Nil	Nil	Nil
21	Dr.N.Arivazhagan	Senior Resident	Nil	Nil	Nil	Nil	Nil
22	Dr.SV.Saminathan	Assistant Professor	Nil	Nil	Nil	Nil	Nil
23	Dr.R.Charu Prabha Chandran	Assistant Professor	Nil	Nil	Nil	Nil	Nil
24	Dr.C.Ishwarya	Assistant Professor	The effect of saline versus air for cuff inflation on the incidence of high intra cuff pressure in paediatric micro cuff tracheal tube - A comparative prospective study	International Journal of Academic Medicine and Pharmacy(JAMP)	March 2023	First	Original Research

6.CME/Workshop Details(from 2022 to till date)

S.No	Department	Title of CME/Workshop	Date of CME	TNMC accreditation	TNMGRMU accreditation	Other accreditation
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				points	points	
1	Anaesthesiology	Airway Management & Workshop	16.10.2022	2 hours	10	Nil
2	Anaesthesiology	Anaesthesia Machine	21.07.2023	6 hours	No	Nil

7.For Surgical Departments

S.No	Month - Year	Total major case	Total Minor Case	Total emergency cases
1	January 2024	1091	650	784
2	February 2024	1452	644	641
3	March 2024	1512	639	768
4	April 2024	1501	571	737
5	May 2024	1811	684	823
6	June 2024	1774	698	806

8.Awards and achievement by department and faculty:

Post Graduates have secured the first prize in quiz competitions and poster / paper presentations in various state and zonal conferences.