

DEPARTMENT OF VASCULAR SURGERY
Thanjavur Medical College

1. About us:

The Govt of Tamil Nadu established full-fledged separate Department of Vascular surgery with M.ch qualified surgeons in the year 2015 with a bed strength of 20. Now it has been increased 60Beds.

It is tertiary referral centre for vascular surgery for the people of western coastal districts of Tamil Nadu.

Prof Maruthu Thurai was the first to initiate process of starting Department of Vascular surgery at Thanjavur Medical College. He took painstaking efforts to build the department from scratch. He was ably helped by the professors then. Prof Dr. Sathyabama, Prof Dr. Ashok kumar and Prof Dr. Balakumar were the previous heads of the department.

Prof S. Jeyakumar, the Dean of TMCH was instrumental in stating Endovascular catheterisation lab in the year 2017 - 2019. The department had the state of art equipment to the department like C-arm and RFA for Endovenous therapy. In Tamil Nadu only Vascular Surgery Department with a dedicated Biplane Cath-Lab which was functioning since 2019 to till date.

From August 2015 to 2021 date the Department of Vascular surgery is training MS Postgraduates .from 2022 onwards MCh Vascular Surgery programme was started with 2seats per year under the guidance of Prof.Dr.K.Elancheralathan . .

It has been offering round-the-clock emergency services (Trauma and Non Traumatic Vascular Emergency , along with Elective regular services ranging from Aortic interventions (Open and Endovascular), Peripheral arterial Revascularisation interventions (Open and Endovascular), Haemodialysis Access interventions, Superficial and Deep vein interventions, Renal transplant surgeries , Vascular Malformation & Lymphedema interventions, Carotid interventions, visceral and peripheral aneurysmal interventions (open and endovascular). People in the surrounding districts are also mainly benefited from the department.

This Department played a vital part and also part of the team in “PAADHAM PAATHUKAPPOM THITTAM” a project for diabetic foot care services. It has been declared the pilot center by the Government of Tamil Nadu, and general surgeons from all over Tamil Nadu participate in training. During the program, every month guest lectures are being delivered by eminent faculties from various parts of Tamil Nadu along with case discussions and live operative workshops.

The Outpatient Services function on Tuesday and Thursday. while the Elective open major surgeries happen on Monday, Wednesday and Friday . Elective Endovascular and AV fistula Surgeries were done everyday except Sunday . On average about 6000 patients attend our OPD per year and 1400 elective major surgeries are performed every year. Currently, the department is a 60 -bed unit with an exclusive ICU housing 6 beds and exclusive non vascular lab.

The Department has a Library with an extensive book collection and a Lecture hall with the latest audio-visual aids are inculcating the research ideology in the students and exposure to recent advances in the field of vascular surgery. The department produces numerous research publications every year with our postgraduate students being selected for podium presentations in various conferences. The department conducts various academic activities for the post-graduates regularly and also takes part in organizing Continuing Medical Education (CME) programs and attends national conferences to exchange ideas and knowledge sharing.

2. Department academics:

1. M.Ch

- a. 2 Students per year.
- b. Theory
- c. Clinical (case presentation and discussion)
- d. Symposium
- e. Journal club
- f. Group discussion
- g. Seminar
- h. Grand rounds
- i. Guest Lectures

2. B.Sc Technician courses:





3. Infrastructure (Provide the infrastructure details of the department) Example format is given below

- a. Lecture halls – 1
- b. Clinical Demo rooms - 1
- c. Vascular Lab with State of the Art Vascular Assessment Machine (Viasonix)
- d. Library – 1 (100.17sq.m)
- e. Faculty Rooms -3
- f. Live streaming with WIFI connection available
- g. Audio-visual equipment available
- h. Bedside Ultrasonography and Echocardiography
- i. Diabetic Foot clinic Room
- j. Out patient Area
- k. Doppler Room -1
- l. Dressing Room

3.

- a. Lab -1
- b. Equipment store Room - 1

4. Faculty details:

S.No	Name	Designation	Qualification	TNMC registration number	email ID	Photo (paste photo copy in this box)
1	Dr.S.MaruthuThurai	Professor & HOD	M.Ch (Vascular Surgery)	44711	drsmdurai@gmail.com	
2	Dr. I.DEVA RAJAN	Associate professor	M.Ch (Vascular Surgery)	69052	drrajdeva@yahoo.com	
3	Dr.P. Mohan Raja	Assistant Professor	M.Ch (Vascular Surgery)	86713	mohanraja6585@gmail.com	
4.	Dr. M.Murali MS.,MCh.,	Assistant Professor	M.Ch (Vascular Surgery)	83511	Manivanna.n.murali@gmail.com	

5. Publication details by the faculty

S. No	Name	Designation	Title	Journal name	Month year of publication	Order of author	Type of article
1	Dr. S.Maruthu Thurai	Professor & HOD	Prospective OPEN CASE CONTROL Comparative study of intra articular injection of low and High Molecular weight viscosupplement in osteoarthritis of knee when given with and without steroid and to assess the use of C-ARM IN Target delivery of Viscosupplement in knee joint cavity.	IJSR	- JULY 2018	Corresponding author	Original research
a			Poor prognostic determinants for patients undergoing superficial and femoral artery angioplasty	IJAR	Nov-2020	First	Original research
b			Effectiveness of intra operative placement of a perineural nerve catheter in patient go to recovery	IJAR	Jan-2021	first	Original research
c.			Prevalence of Sars-cov-2 Infection among symptomatic and asymptomatic contacts of individuals with covid-19 in a tertiary care centre, Thanjavur	JMSCR	Feb-2021	First	Original research
2.	DR.I.DEVARAJAN	ASSOCIATE PROFESSOR	Outcome analysis Following Iliac Endarterectomy in Patients with Unilateral Iliac Occlusion	International Journal of Advanced Research (IJAR)	July, 2018	Corresponding Author	Original research
a			Transposition of BrachioBasilic Vein AV - Fistula - A Case Series	International Journal of Advanced Research (IJAR)	July, 2018	Corresponding Author	Original research
b			POPLITEAL ARTERY INJURY CASE SERIES - AN INSTITUTIONAL EXPERIENCE	International Journal of Advanced Research (IJAR)	September 2018	Corresponding Author	Original research

3.	DR. MOHAN RAJA	ASSISTANT PROFESSOR	Poor prognostic determinants for patients undergoing superficial femoral artery angioplasty	IJAR	Nov-2020	Corresponding Author	Original research
a			Retrospective analysis of surgical treatment of carotid body tumor an institutional experience	IJAR	Nov-2017	first	Original research
4.	Dr, M.MURALI	ASSISTANT PROFESSOR	Effectiveness of intra operative placement of a perineural nerve catheter in patient go to recovery	IJAR	Jan-2021	Corresponding Author	Original research

6. CME/workshop details

S. No	Department	Title of CME/Workshop	Date of CME	TNMC accreditation points	TNMGRMU accreditation points	other accreditation
1	Vascular Surgery	CME ON BASIC Vascular surgical skill workshop	27.8.2016	--	--	--
2	Vascular Surgery					
3	Vascular Surgery	CME ON DIABETIC FOOT MANAGEMENT	29.9.2023	--	--	--
4.	Vascular Surgery	CME ON DIABETIC FOOT MANAGEMENT	16.11.23	--	--	--
5.	Vascular Surgery	CME ON DIABETIC FOOT MANAGEMENT	21.12.23	--	--	--
6.	Vascular Surgery	CME ON DIABETIC FOOT MANAGEMENT	18.1.24	--	--	--
7.	Vascular Surgery	CME ON DIABETIC FOOT MANAGEMENT	15.2.24	--	--	--

8.	Vascular Surgery	CME ON DIABETIC FOOT MANAGEMENT	9.3.24	--	--	--
9.	Vascular Surgery	CME ON DIABETIC FOOT MANAGEMENT	24.4.24	--	--	--
10	Vascular Surgery	CME ON DIABETIC FOOT MANAGEMENT	15.6.24	--	0.5	--

7. Clinical materials details (as applicable for lab and clinical departments)

OP IP STATISTICS:

Month -year	Total OPD	Total IPD	Average bed occupancy
January 2024	566	268	100%
February 2024	579	243	100%
March 2024	547	238	100%
April 2024	529	223	100%
May 2024	631	240	100%
June 2024	611	243	100%
July 2024	738	224	100%

For surgical details:

S. No	Month -year	Total major case	Total minor case	Total emergency cases
1	January 2024	62	107	40
2	February 2024	67	76	43
3	March 2024	76	76	39
4	April 2024	53	71	41
5	May 2024	75	64	33
6	June 2024	94	74	33

8. Awards and achievement by department and faculty:

Department of vascular surgery along with plastic and general surgery initiated foot clinic services in TMCH and it has been expanded as PATHAM PATHUGAPPOM THITTAM across the state by government of tamilnadu.