



DR. CHAITANYA REDDY KANUMURU

Associate Consultant - Vascular Surgery

Qualification

MBBS | DNB (General Surgery) | DrNB (Vascular Surgery)

Overview

I diagnose and treat diseases of the arteries, veins, and lymphatic vessels using evidence-based endovascular, embolisation, and open vascular techniques. My work includes emergency limb salvage, complex arterial reconstruction, advanced venous interventions, and long-term vascular risk reduction. I collaborate closely with radiology, cardiology, nephrology, diabetology, ICU, and wound-care teams to deliver safe and patient-centered outcomes. At Manipal Hospitals, I aim to provide contemporary vascular and endovascular care aligned with international standards. This includes guideline-driven decision-making, meticulous peri-operative planning, and structured follow-up to optimize outcomes and durability. My core focus areas and procedures include peripheral arterial disease (PAD) and critical limb ischemia (CLI), with services such as limb salvage, angioplasty and stenting, atherectomy where appropriate, open bypass, hybrid procedures, and re-interventions. I also manage aortic and visceral vascular disease, including aneurysm and dissection evaluation, EVAR, TEVAR, complex access strategies, and visceral aneurysm coiling or embolisation. For carotid and cerebrovascular disease aimed at stroke

prevention, I perform carotid stenting, carotid endarterectomy (CEA), and peri-operative stroke-risk optimization. In cases of acute limb ischemia and thrombosis, I provide catheter-directed thrombolysis, mechanical thrombectomy, thrombo-aspiration, adjunctive angioplasty or stenting, and urgent open thrombectomy when indicated. I treat venous disease such as varicose veins, chronic venous insufficiency, and venous ulcers using techniques including endovenous laser ablation (EVLA), radiofrequency ablation (RFA), cyanoacrylate glue closure, ultrasound-guided foam sclerotherapy, and phlebectomy where appropriate. My practice also includes DVT, PE, and VTE care through evidence-based anticoagulation pathways, IVC filter insertion or retrieval when indicated, and selected endovascular escalation strategies with multidisciplinary teams. Additionally, I manage vascular malformations and bleeding control, including evaluation and embolisation of arteriovenous malformations (AVMs) and targeted arterial embolisation for hemorrhage control and organ-sparing management. I perform dialysis access procedures such as AV fistula and AV graft creation, fistuloplasty, thrombectomy or salvage, access troubleshooting, and surveillance-driven care. My work also covers vascular trauma, including emergency decision-making, open repair versus endovascular options, and damage-control pathways. I contribute to multidisciplinary wound care for diabetic foot and arterial or venous ulcers, following a revascularization-first approach combined with infection control and limb preservation programs. My clinical approach emphasizes patient-specific planning, a minimally invasive-first strategy where appropriate, transparent counseling, and longitudinal surveillance for vascular risk reduction.

Fellowship & Membership

- VSI (Vascular Society of India) - 662
- AMASI (Association of Minimal Access Surgeons of India) - 11733

- ASI (Association of Surgeons of India) - 39174

Field of Expertise

- Endovascular Surgery
- Limb Salvage
- Peripheral Arterial Disease (PAD)
- Critical Limb Ischemia (CLI)
- Peripheral Angioplasty & Stenting
- Lower Limb Bypass Surgery
- Acute Limb Ischemia
- Catheter-Directed Thrombolysis
- Mechanical Thrombectomy
- Aortic Aneurysm (EVAR / TEVAR Planning)
- Carotid Artery Disease
- Carotid Stenting
- Carotid Endarterectomy (CEA)
- Venous Thromboembolism (DVT/PE)
- IVC Filter (Insertion & Retrieval)
- Varicose Veins Treatment
- Endovenous Laser Ablation (EVLA)
- Radiofrequency Ablation (RFA)
- Cyanoacrylate Glue Closure (Varicose Veins)
- Sclerotherapy (UGFS)
- Chronic Venous Insufficiency & Venous Ulcers
- Dialysis Access Surgery (AV Fistula / AV Graft)
- AV Fistula Salvage / Fistuloplasty
- Diabetic Foot & Wound Care
- Vascular Trauma
- Visceral Aneurysm Coiling / Embolisation
- Arterial Embolisation (Bleeding Control)
- Arteriovenous Malformations (AVM) Embolisation

Languages Spoken

- English
- Hindi
- Telugu

Awards & Achievements

- National Scientific Presentation — TYSA (2019), Banaras Hindu University: Presented research at a national forum, strengthening academic communication and evidence-based surgical discussion.
- E-Poster Presentation — VSICON (2025), Visakhapatnam: E-poster presentation at a national vascular meeting, highlighting clinical/research work aligned with contemporary vascular practice.
- Clinical Research (General Surgery): Comparative study on LIFT vs traditional fistulectomy/fistulotomy for fistula-in-ano—focused on outcomes and practical decision-making in colorectal surgery.
- Clinical Research (Vascular Surgery): Prospective work on hemodialysis vascular access outcomes—reporting primary patency, assisted primary patency, and secondary patency across different AV access types.
- Academic Mentorship — Hindu Rao Hospital: Mentored general surgery residents in operative principles, peri-operative care, and structured clinical decision-making.
- Academic Mentorship — Apollo Hospitals (Delhi): Mentored vascular surgery trainees/residents in vascular assessment, peri-operative planning, and evidence-based management.
- Continuous Professional Development: Active participation in multiple national and international conferences, focusing on

updates in vascular/endovascular and multidisciplinary care pathways.