



**Europass  
Curriculum Vitae**



**Personal information**

First name(s) / Surname(s) **Alessia Giaquinta, MD, PhD**  
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Nationality Italian  
Date of birth 30-09-1979

**Present positions**

**Chief of of graduate School of Vascular Surgery  
University of Catania (since November 2022)**  
  
**Chief of Operative Unit of "Mininvasive surgery of peripheral artery obstructive disease"  
University Hospital of Catania (since 2019)**  
  
**Associate Professor in Vascular Surgery  
School of Medicine - University of Catania  
Department of General Surgery and Medical surgical Specialties (since 2018)**

## Work experience

|                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dates                                | From 2024 – present                                                                                                                                                                                                                                                                                                                                                                                                               |
| Occupation or position held          | Member of the Academic Board of the                                                                                                                                                                                                                                                                                                                                                                                               |
| Main activities and responsibilities | University PhD Program in <i>Biomedical Technological Innovation</i>                                                                                                                                                                                                                                                                                                                                                              |
| Name and address of employer         | at the University of Catania.                                                                                                                                                                                                                                                                                                                                                                                                     |
| Dates                                | November 2023 - present                                                                                                                                                                                                                                                                                                                                                                                                           |
| Occupation or position held          | <b>Departmental Research Delegate</b>                                                                                                                                                                                                                                                                                                                                                                                             |
| Main activities and responsibilities | Department of General Surgery and Medical Specialties                                                                                                                                                                                                                                                                                                                                                                             |
| Name and address of employer         | University of Catania                                                                                                                                                                                                                                                                                                                                                                                                             |
| Dates                                | From November 2022-present                                                                                                                                                                                                                                                                                                                                                                                                        |
| Occupation or position held          | Director of the School of Specialization in Vascular Surgery.                                                                                                                                                                                                                                                                                                                                                                     |
| Main activities and responsibilities | Teaching to medical students, clinical research, clinical care                                                                                                                                                                                                                                                                                                                                                                    |
| Name and address of employer         | University Hospital of Catania, Italy                                                                                                                                                                                                                                                                                                                                                                                             |
| Dates                                | From August 2022 - present                                                                                                                                                                                                                                                                                                                                                                                                        |
| Occupation or position held          | Chief of “Mininvasive surgery of peripheral arterial disease” Unit                                                                                                                                                                                                                                                                                                                                                                |
| Main activities and responsibilities | Lower limb ischemia (open and endovascular treatment)                                                                                                                                                                                                                                                                                                                                                                             |
| Name and address of employer         | University Hospital of Catania, Italy                                                                                                                                                                                                                                                                                                                                                                                             |
| Dates                                | From December 2018 - present                                                                                                                                                                                                                                                                                                                                                                                                      |
| Occupation or position held          | Professor of Vascular Surgery of School of Medicine                                                                                                                                                                                                                                                                                                                                                                               |
| Main activities and responsibilities | Teaching to medical students, clinical research, clinical care                                                                                                                                                                                                                                                                                                                                                                    |
| Name and address of employer         | University of Catania, Italy                                                                                                                                                                                                                                                                                                                                                                                                      |
| Dates                                | From December 2018 - present                                                                                                                                                                                                                                                                                                                                                                                                      |
| Occupation or position held          | Associate Professor in Vascular Surgery                                                                                                                                                                                                                                                                                                                                                                                           |
| Name and address of employer         | University of Catania                                                                                                                                                                                                                                                                                                                                                                                                             |
| Dates                                | From December 2018 - present                                                                                                                                                                                                                                                                                                                                                                                                      |
| Occupation or position held          | Professor of Vascular Surgery of Degree course in “Cardiocirculatory physiopathology and                                                                                                                                                                                                                                                                                                                                          |
| Main activities and responsibilities | cardiovascular perfusion”                                                                                                                                                                                                                                                                                                                                                                                                         |
| Name and address of employer         | University of Catania                                                                                                                                                                                                                                                                                                                                                                                                             |
| Dates                                | From July 2013 - present                                                                                                                                                                                                                                                                                                                                                                                                          |
| Occupation or position held          | Vascular Surgeon.                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Main activities and responsibilities | Participation to more than 8000 vascular or endovascular surgical operations, of which 2000 as first operator, mainly related to the treatment, in election or emergency of:                                                                                                                                                                                                                                                      |
|                                      | <ul style="list-style-type: none"> <li>- Lower limb ischemia and diabetic foot care</li> <li>- Thoracic or Abdominal aortic aneurysm or dissection</li> <li>- Cerebrovascular disease – carotid stenosis</li> <li>- Thoracic outlet syndrome</li> <li>- Jugular veins stenosis</li> <li>- Arteriovenous fistula creation for hemodialysis patients</li> <li>- Kidney transplantation</li> <li>- Uterus transplantation</li> </ul> |
| Name and address of employer         | University Hospital of Catania, Italy                                                                                                                                                                                                                                                                                                                                                                                             |
| Dates                                | From 2015 to 2016                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Occupation or position held          | Vascular Surgeon                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Main activities and responsibilities | I was actively involved in clinical, surgical and scientific activities and outpatient care                                                                                                                                                                                                                                                                                                                                       |
| Name and address of employer         | Vascular Surgery Unit - HSR Giglio of Cefalù (PA), Italy                                                                                                                                                                                                                                                                                                                                                                          |

## Education and Training

|                                                                |                                                                                                                              |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Dates                                                          | 2018                                                                                                                         |
| Title of qualification awarded                                 | National Scientific Habilitation as Associated professor                                                                     |
| Name and type of organisation providing education and training | Italian National Agency for the evaluation of Universities and Research institutes (ANVUR)                                   |
| Dates                                                          | 8 March 2017                                                                                                                 |
| Title of qualification awarded                                 | PhD in Translational Biomedicine                                                                                             |
| Name and type of organisation providing education and training | University Hospital of Catania, Italy                                                                                        |
| Dates                                                          | 5 April 2013                                                                                                                 |
| Title of qualification awarded                                 | Diplomate in Vascular Surgery, Magna Cum Laude                                                                               |
| Name and type of organisation providing education and training | Title of Thesis: New finding in BTK treatment with drug eluting devices: "The Etna Registry"<br>University of Catania, Italy |
| Dates                                                          | 27 July 2005                                                                                                                 |
| Title of qualification awarded                                 | Bachelor of Medicine and Surgery, Magna Cum Laude                                                                            |
| Name and type of organisation providing education and training | University of Medicine and Surgery Catania, Italy                                                                            |

## Clinical Experience

As a Staff member of the Divisions of Vascular Surgery and Transplant Unit of Department of General Surgery and Surgical Medical Specialties of University Hospital of Catania (Italy) she performed:

- open, endovascular and hybrid procedure for the treatment of PAD and diabetic foot patient
- open and endovascular treatment of different arterial and venous disease  
(detailed case load description will be made available upon request)
- High-intensity postoperative care to complex endovascular cases. Clinical evaluation, diagnosing and providing best medical care of out- and Inpatients with vascular diseases
- duplex and colour-flow scanning and preoperative invasive digital subtraction angiography for cerebrovascular, lower extremity arterial and venous, aortic as well as visceral disease
- Planning with CT scans of open and endovascular cases and sizing of aortic endovascular procedures for the treatment of complex aortic procedure
- Kidney transplantation
- First uterus transplantation in Italy, performed at University Hospital of Catania (Italy) on August 2020 (as second operator)

## Research Projects

2023 – present  
Researcher on the PNRR M6/C2 2023 – Proof of Concept (PoC) project, "Treatment of Venous Obstruction Associated with Audio-Vestibular Disorders by Means of an Innovative Stent" - Italian Ministry of Health call, funded by the European Union.

From April 2022 – to 2025  
Scientific Manager for research contract RTDA - PON R&I 2014-2020 (FSE REACT-EU) DM 1062/2021, on topics related to innovation - Title of the project: "Digitization of the image, 3D printer and modeling, simulation and custom scaffold in the treatment of aortic pathology"

From 2018 – present  
Co-Investigator of an experimental clinical trial of Uterus Transplantation from deceased donors in collaboration with Gynecology and Obstetrics Unit of "Cannizzaro Hospital" of Catania

From 2013 to 2014  
Co-Investigator of an experimental study in the pig model named "Petalò Trial". The study was designed in order to evaluate prospectively the safety profile, the efficiency and the response of the

venous endothelial wall of an innovative device, designed for the endoluminal treatment of abnormalities of the jugular vein. The first acute case was performed in 2013 at the Veterinary Institute of the University of Bologna. The chronic study with a follow-up to six months was instead performed from November 2013 to May 2014 at the Polo Veterinario of Lodi University of Milan

From 2011 to 2012

Co-Investigator of phase I preclinical study "development of a new endovascular device for the treatment of the large veins". National grant from the Italian Ministry of Health.

Winner in the Industrial co-financed section /Bioengineering Sciences and Technologies

She has participated as Principal Investigator or Co-Investigator in many national and international clinical trials in the field of Vascular Surgery and Organ Transplantation

2008---**ACST-2**: Asymptomatic Carotid Surgery trial-2. International randomised trial to compare carotid endoarterectomy versus carotid stenting in preventing stroke.

2009---**EVIDENCE**: Everolimus once a day regimen with neoral versus corticosteroid elimination. A prospective, randomised, multicenter, open label international study.

2011---**BRAVE DREAMS**: "Multicenter, randomized, clinical trial on efficacy and security of PTA angioplasty of extracranial veins for the treatment of multiple sclerosis"

2013---**NEVER WOUND**: Everolimus in de novo kidney transplant recipient. A prospective, randomised, multicenter, open label national study.

2013---**ETNA REGISTRY CLINICAL STUDY**

To prospective collect and evaluate the safety and efficacy of Barostim Neo™ in the treatment of resistant hypertension in kidney transplant recipient Prospective, post-market, single center registry.

2013---**IN.PACT GLOBAL** :To collect safety and efficacy data on the In.Pact Admiral drug eluting balloon in the treatment of superficial femoral and/or popliteal arteries. Prospective, multicenter, single arm international study

2013---**ZILVERPASS**: To evaluate the early and mid-term outcome (after 6 and 12 months) and the long-term (up to 24 months) outcome of the Zilver PTX paclitaxel-eluting stent (Cook) versus bypass surgery for the treatment of TASC C&D femoropopliteal lesions. Prospective, randomised, multicenter, open label, International study.

2013--- **Z.O.R.R.O**: Multicenter Italian Registry on efficacy of paclitaxel eluting self-expandable stent on femoro-popliteal lesions.

2015--- **ThinkPAD** "Atherosclerosis of the lower extremities as a linked comorbidity in patients admitted for cardiac rehabilitation – reassessment of global outcome according to delivered intervention"

2016--- **Principal Investigator of ACST-2** to G. Giglio Hospital in Cefalù: "Asymptomatic Carotid Surgery trial-2". International randomised trial to compare carotid endoarterectomy versus carotid stenting in preventing stroke"

2016---**ANCHOR Registry** (Medtronic) "Aneurysm Treatment Using the Heli-FX Aortic Securement System Global Registry" for the prevention of graft migration and the treatment of Type Ia endoleak or Aptus Heli-FX EndoAnchor System placed at the time of initial endograft implantation, either to prevent endograft migration and Type Ia endoleak, or to treat Type Ia endoleak evident at the time of implantation.

2017---**REGAL TRIAL** (Boston Scientific) "A real world evaluation of the ELUVIA drug eluting stent in all comers with superficial femoral artery and proximal popliteal artery disease"

2017---**Pilot Study (Spectranetics)** "Sicurezza ed efficacia del pallone a rilascio di farmaco (DCB), per il trattamento della malattia ischemica vascolare dell'arteria femorale superficiale (SFA) in pazienti sintomatici che presentano lesioni tipo TASC C e D (TransAtlantic Inter-Society Consensus classifications of lesions)"

2018--- **The TREO® Registry** (Bolton Medical): A post-approval Registry of TREO Stent-Graft for patients with infrarenal abdominal Aortic Aneurysms

2018--- Investigator of **Iliac Branch Stent-Graft Italian Registry** To assess early and midterm outcomes of iliac branch device (IBD) implantation without an aortic stent-graft for the treatment of isolated common iliac artery aneurysm

2018--- Investigator of **Supersub II** SUPERa stenting after SUBintimal crossing of TASC C-D femoro-popliteal lesions in CLI patients

2019-present

Investigator of **AFX-2 - LIVE** Less InVasive and faster EVAR. Italian multicenter study about unibody endograft: to evaluate intraoperative, peri-operative and post-operative results in patients treated with AFX Endovascular AAA endograft (Endologix; Irvine, CA – USA) for elective AAA repair in a large cohort of consecutive patients.

2020- present

**TERUMO AORTIC GLOBAL ENDOVASCULAR REGISTRY (TIGER)**. A Global Post Market Evaluation of Terumo Aortic Endovascular Grafts - Multi-arm, multi-center, open label, prospective observational registry designed to obtain safety and performance data on the use of CE marked and custom Terumo Aortic endovascular grafts.

2023 – present

**FESTIVAL REGISTRY** – Endovascular Treatment of primary common femoral artery atherosclerotic disease with intravascular lithotripsy. National multicenter prospective observational study for the evaluation of the safety and short-term efficacy of intravascular lithotripsy for the treatment of steno-obstructive disease of the common femoral artery:

2023 – present

**EVERGREEN** Clinical Study: Evaluation of the Valiant Captivia physician fEnestRateD stent GRaft systEm in the aortic arch and dEscendiNg thoracic aorta pathologies. Prospective, single-arm, non-randomised, multicenter, investigator initiated clinical study evaluating subjects implanted with The Valiant Captivia physician fenestrated stent graft for the treatment of aneurysms/penetrating ulcers, Type B aortic dissections or residual dissection after Type A repair, of the aortic arch and the descending thoracic aorta which are candidates for revascularisation of all three supra-aortic vessels (BT, LCCA, LSA).

2025--- **RETE Registry** (2025): Early and follow-up results of reinterventions for type II endoleak following endovascular repair of abdominal aortic aneurysm (EVAR): the multicentre REinterventions for Type II Endoleak (RETE) study.

## Publications

The scientific production consists of 132 documents reviewed in PUBMED about the Vascular Surgery and Organ Transplantation

Citations 3,109

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ORCID ID: 0000-0003-3227-4340

SCOPUS ID 24478646300

Summary of publications by Scopus:

<https://www.scopus.com/authid/detail.uri?authorId=2447864630024478646300>

2018--- Author of the Book:

LATEST FRONTIERS OF HEMODYNAMICS, IMAGING AND TREATMENT OF OBSTRUCTIVE VENOUS DISEASE. Edizioni Minerva Medica, Torino 2018: pp. 1-299 (ISBN 978-88-7711-929-2)

2020--- Author of the Book:  
BTK INTERVENTIONS: FROM BASIC TO ADVANCED TECHNIQUES AND TECHNOLOGIES –  
Edizioni Minerva Medica (ISBN 978-8855320627)

**Co-Author of the following book chapters:**

2012--- CONTRAST-INDUCED NEPHROPATHY - "Managment of Complications after Evar and Tevar".  
C.Pratesi-R.Pulli. Minerva Medica Edition, Torino 2012: pp. 34-44 (ISBN 978-88-7711-750-2)

2012--- ACCESSI VASCOLARI PER EMODIALISI E TRAPIANTO RENALE. In "Chirurgia Vascolare" di C. Setacci. Edizioni Minerva Medica, Torino 2012: pp. 543-560 (ISBN 978-88-7711-752-6)

2012--- INSUFFICIENZA VENOSA CRONICA CEREBRO-SPINALE. In "Chirurgia Vascolare" di C. Setacci. Edizioni Minerva Medica, Torino 2012: pp. 607-619 (ISBN-13 978-88-7711-752-6)

2017--- ENDOVASCULAR TREATMENT OF ACUTE TYPE B DISSECTION-PLANNING AND MATERIALS. In "Advanced Endovascular procedures for complex aortic diseases" di N. Mangialardi-C. Setacci. Edizioni Minerva Medica, Torino 2017: pp. 50-61 (ISBN 978-88-7711-884-4)

2017--- SURGERY FOR RENAL ARTERIES. In "Tips And Tricks In Open Vascular Surgery" di R.Chiesa, C.Setacci, P.M. Castelli. Edizioni Minerva Medica, Torino 2017: pp. 93-99 (ISBN 978-88-7711-885-1)

2018--- TREATMENT OF LARGE VEINS OF THE THORAX IN HEMODIALYSIS PATIENTS WITH ARM SWELLING. In "Latest Frontiers of Hemodynamics, Imaging and Treatment of Obstructive Venous Disease" di Giaquinta A, Lee B.B, Setacci C, Veroux P, Zamboni P. Edizioni Minerva Medica, Torino 2018: pp. 132-141 (ISBN 978-88-7711-929-2)

2018--- NOVEL COMPLIANT SCAFFOLD WITH SPECIFIC DESIGN FOR VENOUS SYSTEM. In "Latest Frontiers of Hemodynamics, Imaging and Treatment of Obstructive Venous Disease" di Giaquinta A, Lee B.B, Setacci C, Veroux P, Zamboni P. Edizioni Minerva Medica, Torino 2018: pp. 295-299 (ISBN 978-88-7711-929-2)

2018--- CATHETER VENOUS ANGIOGRAPHY FOR THE EVALUATION OF CEREBRAL VENOUS OUTFLOW. In "Latest Frontiers of Hemodynamics, Imaging and Treatment of Obstructive Venous Disease" di Giaquinta A, Lee B.B, Setacci C, Veroux P, Zamboni P. Edizioni Minerva Medica, Torino 2018: pp. 280-283 (ISBN 978-88-7711-929-2)

International Editorial Board Member of "Veins and Lymphatics"- International peer reviewed Journal on Venous and Lymphatics Disorders. ISSN 2279-7483  
She plays as referee for several international journals

**Post graduated courses and meetings**

She participates as a convenor or teacher or tutor at different formal and practical postgraduate courses of national and international scientific societies  
She frequently attends national and international scientific meetings as speaker and moderator

**Affiliations**

Member of European Society for Vascular Surgery (ESVS)  
Member of Italian Society for Vascular Surgery (SICVE)  
Member of International Society of Neurovascular Disease (ISNVD)  
Executive Committee member of ISNVD

**Mother tongue**

Italian

**Other language**

English

**Self-assessment**  
*European level (\*)*

| Understanding |         | Speaking           |                   | Writing |
|---------------|---------|--------------------|-------------------|---------|
| Listening     | Reading | Spoken interaction | Spoken production |         |

|  |    |  |    |  |    |  |    |  |    |
|--|----|--|----|--|----|--|----|--|----|
|  | C1 |  | C1 |  | C1 |  | C1 |  | C1 |
|--|----|--|----|--|----|--|----|--|----|

(\*) [Common European Framework of Reference for Languages](#)

**Driving licence** A-B

**Additional informations**

Member of the GEV (Group of Evaluation Experts) for the Medical Sciences Disciplinary Area, appointed by ANVUR to carry out evaluation activities within the VQR 2020–2024.

June 2025 - present

Professor of the 1st level Master's degree in "Diving and Hyperbaric Medicine" of the University of Catania.

September 2024: Contributor to the Clinical Pathway (PDTA) "Patient Blood Management in patients undergoing surgery" – AOU Policlinico "Rodolico–San Marco", Catania.

January 2024 - present

Founding Professor of the "Research center on oral and systemic health – PERIO HEALTH", International research center in oral, periodontal health and systemic well-being

Aretusa d'Argento Award (2023).

From March 2023 to July 2023

Scientific manager of the training course "LESSONS OF THE SPECIALIZATION SCHOOL IN VASCULAR SURGERY" accredited by the National Commission for Continuing Education in Medicine at the University Hospital of Catania

March 2023: Invited speaker, San Raffaele – Vascular Surgery Grand Rounds, lecture "The Catania Uterus Transplant Program: vascular surgery perspective".

November 2021 to November 2024

Professor of the 1st level Master's degree in "Skin lesions, diabetic foot and amputations" of the University of Catania.

July 2022

Assignment as contact person for the Department of General Surgery and Medical-Surgical Specialties for the drafting of the first Gender Budget of the University of Catania,

October 2019: Winner of the First Prize at the ESVB (European Symposium on Vascular Bioamaterials) in Strasbourg – PETALO Srl start-up, a spin-off of the University of Catania.

Member of the Spin-off "Petalò" that has as its goal the research, testing and development of innovative devices for the treatment of diseases of the veins in collaboration with University of Catania

I authorize the use of my personal data in accordance with Legal Decree 30 June 2003, n°196 "Protection of personal data" (art. 13 GDPR – Regolamento UE 2016/679) and I assure that the reported informations are true (DPR 445/00)

Catania, 18.02.2026

Prof.ssa Alessia Giaquinta