

Curriculum Vitae

Personal information

First name(s) / Surname(s) **Federico Lo Torto**

Address(es)

Telephone(s)

Fax(es)

E-mail

Nationality

Date of birth

Gender

Education and training

- Ricercatore Universitario di tipo B Università di Roma La Sapienza, dal Luglio 2022 ad oggi
- Ricercatore Universitario di tipo A Università di Roma La Sapienza dal Dicembre 2019 al Luglio 2022 (Strutturazione assistenziale presso AUO Policlinico Umberto 1 dall'Aprile 2019 ad oggi)
- Titolare dell'insegnamento di Chirurgia Plastica nel corso di Laurea C in Medicina e Chirurgia dal 2020 (1 CFU)
- Membro del Collegio dei Docenti nel dottorato di ricerca in Tecnologie innovative nelle malattie dello scheletro, della cute e del distretto oro-cranio-facciale Università di Roma Sapienza dal 2024
- Dottorato di ricerca in Tecnologie innovative nelle malattie dello scheletro, della cute e del distretto oro-cranio-facciale Università di Roma Sapienza
- Dirigente Medico presso la Breast Unit dell' Azienda: "Ospedali Riuniti di Livorno" dal 2017 al 2018
- Fellowship in Microchirurgia presso la China Medical University of Taichung (prof. Hung Chi Chen) da Giugno 2015 a Marzo 2016

Specializzato in Chirurgia Plastica, Ricostruttiva ed Estetica, università di Roma "Sapienza"

- 5 mesi: chirurgia generale ad indirizzo senologico presso Istituto Nazionale Tumori "Regina Elena" di Roma
- 3 mesi: chirurgia generale presso "San Filippo Neri" di Roma
- 1 mese: medicina generale presso l'Università "Sapienza" di Roma

Internato ai fini della tesi di laurea presso il reparto di Chirurgia Plastica, Ricostruttiva ed Estetica, Università di Roma "Sapienza" 2009-2010

Title of qualification awarded

- Laurea in medicina e chirurgia presso l'università di Roma "Sapienza" (110/110 cum laude).
- Specializzazione in Chirurgia Plastica, Ricostruttiva ed Estetica, università di Roma "Sapienza" 14 Giugno 2016 (70/70 cum laude)
- Dottorato di ricerca in Tecnologie innovative nelle malattie dello scheletro, della cute e del distretto oro-cranio-facciale (70/70 cum laude)
- Fellowship in Microchirurgia presso la China Medical University of Taichung (prof. Hung Chi Chen) da Giugno 2015 a Marzo 2016

International experiences

- Virtual Visiting Professor Hospital Militar Central Bogotá
- Virtual Visiting Speaker Microsurgical treatments of limb lymphedema, China Medical University, Taiwan
- Virtual Visiting Speaker supermicrosurgical in lymphedema treatments, China Medical University, Taiwan
- Organizzatore Gran Cru series in microsurgery (Mayo Clinic-Sapienza University of Rome)
- 16° Congress of the European Federation of the societies for microsurgery
- 10° Congress of World Society of reconstructive for microsurgery
- 29° ISL World Congress of Lymphology

Teaching experience

- Titolare Insegnamento di Dermatologia e Chirurgia Plastica – Corso di Laurea C, Facoltà di Medicina ed Odontoiatria Università di Roma Sapienza dal 2020 (1 CFU)
- Seminario, Modulo di Chirurgia Plastica nel Dottorato "Tecnologie innovative nelle malattie dello scheletro, della cute e del distretto oro-cranio-facciale"
- Titolare Insegnamento Master universitario in medicina estetica e rigenerativa Università "La Sapienza" di Roma – Polo Pontino 2018 (1 CFU)
- Titolare Insegnamento Master universitario di assistenza infermieristica di sala operatoria Università "La Sapienza" di Roma 2019-20 (4 ore)
- Titolare Insegnamento Master universitario di assistenza infermieristica di sala operatoria Università "La Sapienza" di Roma 2021-22 (4 ore)
- Titolare Insegnamento Master universitario di assistenza infermieristica di sala operatoria Università "La Sapienza" di Roma 2023-24 (4 ore)
- Titolare Insegnamento Master universitario di Ortoplastica Università "La Sapienza" di Roma dal 2023-24 (5CFU)
- Titolare Insegnamento Master universitario di Ortoplastica Università "La Sapienza" di Roma dal 2022-23 (5CFU)
- Titolare Insegnamento Master universitario in medicina estetica Università di Siena nel 2023-2024 (2 ore)
- Tutor e Relatore per il "3° Corso Base di Microchirurgia" Università degli Studi di Bari "Aldo Moro" (2021)
- Tutor per il "Corso di Dissezione di Lembi su Modello Vivente" AIMS academy Ospedale Niguarda Milano dal 2021 ad oggi
- Tutor per il "Corso di Dissezione Linfedema" AIMS academy Ospedale Niguarda Milano dal 2023 ad oggi

Editorial Board/Reviewers

- Tutor per il "Corso base di microchirurgia tradizionale e microchirurgia robotica" Università degli Studi di Pisa dal 2021 ad oggi
- Tutor corso Microsurgery essential, San Gerardo di Moza dal 2022 ad oggi
- Organizzatore e docente corso microchirurgia base Roma Sapienza 2022 e 2024
- Organizzatore Gran Cru series in microsurgery (Mayo Clinic-Sapienza University of Rome)
- Organizzazione di congresso: Advances in Reconstructive microsurgery
- Organizzazione di congresso: Microsurgical reconstruction of the esophagus
- Focus sulla microchirurgia ricostruttiva in chirurgia plastica: dalla chirurgia della mano ai linfatici
- Responsabile scientifico congresso: Giornate Romane sull'ortoplastica: proposta per una rete regionale
- Journal of Plastic, Reconstructive & Aesthetic Surgery
- Microsurgery
- "Head and Neck"
- Journal of Reconstructive microsurgery
- The Breast Journal
- Journal of Clinical Medicine
- Journal of Pediatric surgery
- "European Review for Medical and Pharmacological Sciences"
- International wound journal
- "Clinical. Cosmetic and Investigational Dermatology
- "Dermatologic Therapy"
- Membro dell'Editorial Board per "Surgery Insight"
- Membro dell'Editorial Board per "Annals of Breast Surgery"
- Membro dell'Editorial Board per Frontiers in surgery

Society memberships

- Membro dell'Editorial Board *BioMed Research International*
- Reviewer Editor *frontiers in surgery*
- Membership SICPRE (società italiana di chirurgia plastica, ricostruttiva ed estetica)
- Membership SIM (società italiana di microchirurgia)
- Membership ACOI (associazione chirurghi ospedalieri italiani)
- Membership SPIGC (società poliospecialistica italiana giovani chirurghi)
- Membro del Comitato Macroarea Tessuti Molli e Osteoarticolare Specialità Microchirurgia – SPIGC
- Responsabile della Macroarea Tessuti Molli e Osteoarticolare – SPIGC
- Referente del Comitato Macroarea Tessuti Molli e Osteoarticolare Specialità Microchirurgia – SPIGC
- Presidente del Comitato Regionale Lazio – SPIGC
- Referente PSG SICPRE Università Sapienza

National research collaborations

- Ricerca con Department of Experimental and Clinical Medicine, Unit of Plastic and Reconstructive Surgery, Magna Graecia University, Catanzaro e Department of Plastic and Reconstructive Surgery, University Hospital of Messina AOU Gaetano Martino, Messina con pubblicazione di:

A Systematic Quality Assessment of Online Resources on Eyelid Ptosis Using the Modified Ensuring Quality Information for Patients (mEQIP) Tool

- Ricerca con Department of Plastic and Reconstructive Surgery, Azienda Ospedaliera San Giovanni-Addolorata con pubblicazione di:
Evaluating the Quality of Online Patient Information for Prepectoral Breast Reconstruction Using Polyurethane-Coated Breast Implants

- Ricerca con Department of Experimental and Clinical Medicine, Unit of Plastic and Reconstructive Surgery, Magna Graecia University con pubblicazione di:

Gender dysphoria: Quality of online information for gender reassignment surgery

- Ricerca con Department of Medicine, Surgery and Neurosciences, University of Siena, Siena 53100, Italy, Unit of Plastic and Reconstructive Surgery, University of Catanzaro "Magna Graecia", Catanzaro, Unit of Oncologic and Breast Surgery, A.R.N.A.S. Brotzu, Businco Oncologic Hospital, Cagliari con pubblicazione di:

Portable Negative Pressure Wound Dressing in Oncoplastic Conservative Surgery for Breast Cancer: A Valid Ally

- Ricerca con Plastic and Reconstructive Surgery Unit, Magna Graecia University of Catanzaro, Unit of Oncologic and Breast Surgery, A.O. Brotzu, Businco Oncologic Hospital, Cagliari, Department of Breast Cancer Surgery, UOC Chirurgia Oncologica Della Mammella, Azienda Ospedaliero-Universitaria Senese, University Hospital of Siena, Siena, Italy con pubblicazione di:

"Hook Shape" Nipple-Sparing Mastectomy and Prepectoral Implant Reconstruction: Technique, Results and Outcomes from a Preliminary Case Series

- Ricerca con Department of Diagnostic Imaging, University of Siena Department of Oncologic and Reconstructive Breast Surgery, Breast Unit Integrata di Livorno con pubblicazione di:

Double Asymmetric Circular Incision, a New Skin-Sparing Mastectomy Technique: Results and Outcomes of the First 46 Procedures

- Ricerca con gruppo scientifico della SPIGC con pubblicazione di:
Restructuring surgical training after COVID-19 pandemic: A nationwide survey on the Italian scenario on behalf of the Italian polyspecialistic young surgeons society (SPIGC)

- Ricerca con Experimental and Clinical Medicine Department, Magna Graecia University of Catanzaro Unit of Plastic and Reconstructive Surgery, University of Salerno, Department of Surgery, University of Perugia con pubblicazione di:

The role of component separation in the treatment of severe diastasis recti abdominis: a new indication for a known technique

- Ricerca con Department of Plastic Surgery, Hand Surgery and Reconstructive Microsurgery, Ospedale San Gerardo - ASST Monza con pubblicazione di:
Thoracodorsal artery perforator flap, muscle-sparing latissimus dorsi, and descending branch latissimus dorsi: A multicenter retrospective study on early complications and meta-analysis of the literature

- Ricerca con: *UOC Chirurgia Oncologica Della Mammella, Department of Breast Cancer Surgery, Azienda Ospedaliero-Universitaria Senese Unit of Plastic and Reconstructive Surgery, Santa Maria Della Misericordia Hospital, University of Perugia, Perugia, IDepartment of Biotechnology and Life Sciences, Division of Plastic and Reconstructive Surgery, University of Insubria, Varese con pubblicazione di:

Electrochemotherapy: first objective quality assessment of online information on a rising low-invasive procedure, in a constantly aging society

- Ricerca con UOC, Chirurgia Oncologica Della Mammella, Department of Medicine, Surgery and Neurosciences, University Hospital of Siena con pubblicazione di:

Looking beyond the prepectoral breast reconstruction experience: a systematic literature review on associated oncological safety and cancer recurrence incidence

- Ricerca con: Unità di Oncologia Chirurgica Ricostruttiva della Mammella, "Spedali Riuniti" di Livorno Unit of Plastic and Reconstructive Surgery, Department of Surgery, Ospedale Santa Maria Della Misericordia, Perugia, Italy UOC Chirurgia Plastica e Ricostruttiva, Azienda Ospedaliera San Camillo - Forlanini, Roma, Italy Unità di Chirurgia Plastica, Polo Ospedaliero Santo Spirito ASL/RME, Roma, Italy UOC Chirurgia Oncologica della Mammella, Azienda Ospedaliera Universitaria Senese, Siena, Italy con pubblicazione di:

"Just Pulse it!" Introduction of a conservative implant salvage protocol to manage infection in pre-pectoral breast reconstruction: Case series and literature review

- Ricerca con Azienda Ospedaliera Universitaria Integrata, Verona University of Pisa con pubblicazione di:
Muscle-Sparing Skin-Reducing Breast Reconstruction with Pre-Pectoral Implants in Breast Cancer Patients: Long-Term Assessment of Patients' Satisfaction and Quality of Life

- Ricerca con Unità di Oncologia Chirurgica Ricostruttiva della Mammella, "Spedali Riuniti" di Livorno, "Breast Unit" Integrata di Livorno Cecina, Piombino Elba, Azienda USL Toscana Nord Ovest, Livorno, Italy
UOC Chirurgia Oncologica della Mammella, Azienda Ospedaliera Universitaria Senese con pubblicazione di:

Is body-contouring surgery a right for massive weight loss patients? A survey through the European Union National Health Systems

- Ricerca con Experimental and Clinical Medicine Department, Magna Graecia University of Catanzaro Unit of Plastic and Reconstructive Surgery, University of Salerno, Department of Surgery, University of Perugia con pubblicazione di:

"To Pre or Not to Pre": Introduction of a Prepectoral Breast Reconstruction Assessment Score to Help Surgeons Solving the Decision-Making Dilemma. Retrospective Results of a Multicenter Experience

- Ricerca con Department of Plastic and Reconstructive Surgery, Ulss 9 General Hospital, Treviso, Italy
Department of Plastic and Reconstructive Surgery, Istituti Fisioterapici Ospitalieri, Regina Elena National Cancer Institute, Rome
Clinic of Plastic and Reconstructive Surgery, Department of Experimental and Clinical Medicine, Marche Polytechnic University, Via Conca 71, Ancona,

Department of Translational Research and New Technologies in Medicine and Surgery, University of Pisa, Pisa,
Plastic and Reconstructive Surgery Unit, Magna Graecia University of Catanzaro
Section of Medical and Surgical Sciences, Department of Biotechnology and Life Sciences, University of Insubria, Varese con pubblicazione di:

Dual-Plane Retro-pectoral Versus Pre-pectoral DTI Breast Reconstruction: An Italian Multicenter Experience

- Ricerca con Dipartimento di Ricerca Traslationale e Delle Nuove Tecnologie in Medicina e Chirurgia, Università Degli Studi di Pisa, Dipartimento di Patologia Umana Dell'adulto e Dell'età Evolutiva "G. Barresi", Università Degli Studi di Messina, Department of Medical, Surgical and Experimental Sciences, Plastic Surgery Unit, University of Sassari con pubblicazione di:

Back to basics with distal thumb reconstruction. Easy management of the incomplete amputation

- Ricerca con Unità di Oncologia Chirurgica Ricostruttiva della Mammella, "Spedali Riuniti" di Dipartimento di Chirurgia Plastica, University of Catanzaro Hospital, Catanzaro, Italy con pubblicazione di:

Prepectoral breast reconstruction with TiLoop® Bra Pocket: A single center prospective study

- Ricerca con Department of Oncologic and Reconstructive Breast Surgery, "Breast Unit Integrata di Livorno, Oncologic and Reconstructive Surgery Breast Unit, Oncology Department, Careggi University Hospital, Florence Breast Cancer Center, University Hospital, Pisa con pubblicazione di:

Subcutaneous expanders and synthetic mesh for breast reconstruction: Long-term and patient-reported BREAST-Q outcomes of a single-center prospective study

- Ricerca con Plastic Surgery Unit, Department of Translational Research and New Technologies in Medicine and Surgery, University of Pisa, Division of Plastic and Reconstructive Surgery, Department of Emergency and Organ Transplantation, University of Bari Dipartimento di Patologia Umana Dell'Adulto e Dell'Età Evolutiva "G. Barresi", Università degli Studi di Messina con pubblicazione di:

Postsurgical antithrombotic therapy in microsurgery: Our protocol and literature review

- Ricerca con: Division of Plastic and Reconstructive Surgery, Strong Memorial Hospital, University of Rochester Medical Center, Rochester, NY, United States, Division of Plastic and Reconstructive Surgery, Department of Surgery, Stanford University, Palo Alto, CA, United States con pubblicazione di:

Minimally invasive harvest of the latissimus dorsi flap for breast reconstruction: A systematic review

International research collaborations

- Ricerca con Department of Plastic, Reconstructive and Burn Surgery, Arzobispo Loayza National Hospital, Lima, Peru, Division of Plastic Surgery, China Medical University Hospital, Taichung, Taiwan
Academic Department of Surgery, School of Medicine Hipolito Unzué, Federico Villarreal National University, Lima, Peru, Section of Plastic Surgery, Medical College of Georgia, Augusta University, Augusta, GA, United States, Division of Plastic and Maxillofacial Surgery, Department of Surgery, Faculty of Medicine Ramathubodi Hospital, Mahidol University, Bangkok, Thailand con pubblicazione di:

**Carotid artery and soft tissue reconstruction with superficial femoral artery-sartorius muscle-
anteromedial thigh chimeric free flap: A case report and review of the literature**

- Ricerca con Department of Plastic, Reconstructive and Burn Surgery, Arzobispo Loayza National Hospital, Lima, Peru, Department of Research, Teaching and Biotechnology, Experimental Surgery Unit, The Child Health's Institute (Breña), Lima, Peru, Division of Plastic Surgery, China Medical University Hospital, Taichung, Taiwan con pubblicazione di:

The profunda artery perforator free flap for lower extremity reconstruction

- Ricerca con Department of Plastic and Reconstructive Surgery, China Medical University Hospital, China Medical University, Taichung, 40447, Taiwan con pubblicazione di:

**Genital lymphedema and how to deal with it: Pearls and pitfalls from over 38 years of experience with
unusual lymphatic system impairment**

- Ricerca con Department of Plastic and Reconstructive Surgery, Mayo Clinic, Rochester, MN, United States, Northumbria Healthcare NHS Foundation Trust, Newcastle upon Tyne, United Kingdom, Department of Plastic and Burn Surgery, Arzobispo Loayza National Hospital, Lima, Peru con pubblicazione di:

Microsurgical lymphedema treatment: An objective evaluation of the quality of online information

- Ricerca con Department of Plastic Surgery, China Medical University, Taichung, Department of Plastic Surgery, Chang Gung Memorial Hospital, Taipei, Taiwan
Con pubblicazione di:

**Pharyngoesophageal reconstruction with free jejunum or radial forearm flap as diversionary conduit:
Functional outcomes of patients with persistent dysphagia and aspiration**

- Ricerca con Department of Plastic and Reconstructive Surgery, China Medical University Hospital, Taichung City, Taiwan con pubblicazione di:

Simultaneous Restoration of Swallowing and Voice Function With Ileocolon Free Flap

- Ricerca con Department of Plastic, Reconstructive and Burn Surgery, Arzobispo Loayza National Hospital, Lima, Peru, Institute of Plastic, Reconstructive and Aesthetic Surgery, Ciruesthetic, Clinic, Lima, Peru, Department of Plastic and Reconstructive Surgery, Mayo Clinic, Rochester, MN, United States, Section of Plastic Surgery, Medical College of Georgia, Augusta University, Augusta, GA, United States, National Institute of Child Health-Breña, Lima, Peru, Department of Plastic and Reconstructive Surgery, Mayo Clinic, FL, United States con pubblicazione di:

**Single-stage VASER-assisted liposuction and lymphatic-venous anastomoses for the treatment of extremity
lymphedema: A case series and systematic review of the literature**

- Ricerca con Plastic Surgery Unit, Pedro Ernesto University Hospital, Rio de Janeiro, Brazil, Plastic Surgery Unit, Andaraí Federal Hospital, Rio de Janeiro, Brazil con pubblicazione di:

Lower Body Lift After Bariatric Surgery: 323 Consecutive Cases Over 10-Year Experience

- Ricerca con Department of Plastic and Reconstructive Surgery, Royal Victoria Infirmary, Newcastle upon Tyne Hospitals NHS Foundation Trust, Newcastle upon Tyne, United Kingdom, Translational and Clinical Research Institute, Newcastle University, Newcastle upon Tyne, United Kingdom, Department of Plastic and Reconstructive Surgery, Northumbria Healthcare NHS Foundation Trust, Northumberland, United Kingdom
Con pubblicazione di:

Use of the Keystone Perforator Island Flap in the treatment of chronic lower extremity wounds complicated by osteomyelitis

- Ricerca con: Department of Plastic, Reconstructive and Burn Surgery, Arzobispo Loayza National Hospital, Lima, Peru, Department of Plastic and Reconstructive Surgery, China Medical University, Taichung, Taiwan, Department of Plastic and Reconstructive Surgery, Mayo Clinic, Rochester, MN, United States, Section of Plastic Surgery, Medical College of Georgia, Augusta University, Augusta, GA, United States con pubblicazione di:

Comparisons in long-term clinical outcomes among patients with upper or lower extremity lymphedema treated with diverse vascularized lymph node transfer

- Ricerca con: Department of Plastic and Burn Surgery, Arzobispo Loayza National Hospital, Lima, Peru, Department of Plastic and Reconstructive Surgery, National Cancer Institute of Peru (INEN), Lima, Peru, Department of Plastic and Reconstructive Surgery, China Medical University Hospital, Taichung, Taiwan, Section of Plastic Surgery, Medical College of Georgia, Augusta University, Augusta, GA, Georgia, Department of Plastic and Reconstructive Surgery, Mayo Clinic, Rochester, MN, United States con pubblicazione di:

Comprehensive multimodal surgical treatment of end-stage lower extremity lymphedema with toe management: The combined Charles, Homan's, and vascularized lymph node transfer (CHAOVA) procedures

- Ricerca con Department of Plastic and Reconstructive Surgery, China Medical University Hospital, Taichung, Taiwan con pubblicazione di:

The radial forearm free flap as a "vascular bridge" for secondary microsurgical head and neck reconstruction in a vessel-depleted neck

- Ricerca con: Division of Plastic and Reconstructive Surgery Rochester, Mayo Clinic, 200 First Street SW, 55905, MN, United States, Department of Plastic and Reconstructive Surgery, China Medical University Hospital, Taichung,

Taiwan, Division of Plastic and Reconstructive Surgery, Keck School of Medicine, University of Southern California, Los Angeles, CA, United States, Department of Pathology, China Medical University Hospital, Taichung, Taiwan con pubblicazione di:

Early Markers of Angiogenesis and Ischemia during Bowel Conduit Neovascularization

- Ricerca con: Department of Plastic and Reconstructive Surgery, China Medical University Hospital, Taichung, Taiwan, Division of Plastic and Reconstructive Surgery, Mayo Clinic, Rochester, MN, United States
Con pubblicazione di:

Double gastroepiploic vascularized lymph node transfers to middle and distal limb for the treatment of lymphedema

- Ricerca con: Department of Plastic and Reconstructive Surgery, China Medical University Hospital, Taichung, Taiwan, Division of Plastic and Reconstructive Surgery, Albert Einstein College of Medicine, New York, NY, United States, Departamento De Cirugia Plástica y Reconstructiva, Hospital Militar Central, Universidad Militar 'Nueva Granada', Bogotá, Colombia con pubblicazione di:

Osseointegrated finger prostheses using a tripod titanium mini-plate

- Ricerca con: Department of Plastic and Reconstructive Surgery, China Medical University Hospital, Taichung, Taiwan con pubblicazione di:

Robotic harvest of a right gastroepiploic lymph node flap

Funding Information

(2019) Microchirurgia preventiva post linfadenectomia ascellare e inguinale in pazienti a rischio di linfedema . Valutazione di uno score atto ad identificare i pazienti suscettibili di trattamento preventivo per linfedema Grant 1000 euro

(2019) Microsurgery in the treatment of lymphedema Valutazione dei risultati ottenuti dopo trattamento di pz con linfedema tramite tecnica microchirurgica Grant 7500 euro

(2020) The Indocyanin green dye lymphangiography and angiography: promising progresses in widening the field of application in lymphedema microsurgery and breast cancer treatment. Utilizzo di coloranti vitali nel trattamento microchirurgico di pazienti con linfedema Grant 3000 euro

(2020) Role of inflammatory cytokines, metalloproteinases and their inhibitors in predicting the fate and the healing process of

Surgical experience

- Interventi totali 1642
- Interventi mammella: 742
- Interventi arti inferiori ricostruttivi: 140
- Interventi di Linfedema: 27

Publications

Scopus:

- total citations: 1300
- mean citations : 11.20
- h index: 22
- documents 116

Meetings

- più di 66 congressi nazionali e internazionali

Name and type of organisation providing education and training

Sapienza" University of Rome
324, Regina Elena Street Rome, Italy

Mother tongue

Italian

Other language(s)

English (Intermediate),

(*) Common European Framework of Reference for Languages

Roma, 06/05/24

Firma
