

CURRICULUM VITAE



FORMATO EUROPEO

INFORMAZIONI PERSONALI

Nome e Cognome	Luca Paolo Weltert
Data di nascita	06/04/1976
Indirizzo	via Luigi Arati 25, Roma
Telefono	
Telefono cellulare:	
Indirizzo posta elettronica	lweltert@gmail.com
Indirizzo Pec	weltert.lucapaolo@omceoromapec.it
Incarico attuale	Dirigente Medico Cardiocirurgo Dipartimento Scienze Cardiovascolari U.O. Cardiocirurgia European Hospital Via Portuense, 700 00149 Roma

ISTRUZIONE E FORMAZIONE

2005-2006	University of Genova, Genova Italy Residency in Cardiovascular Surgery
2004-2005	Traveling Residency Program University of Torino, Italy Rome, European Hospital
2001-2005	University of Torino, Torino, Italy Residency in Cardiovascular Surgery
1995-2001	University of Torino, Polo Biologico Orbassano S. Luigi, Torino (Italy). Medicine. Received M.D. degree

ESPERIENZA LAVORATIVA

2024 – ongoing	Associate Professor of Heart Surgery Saint Camillus International University of Health Sciences
2021-2024	Professore Straordinario Statistica Medica Saint Camillus International University of Health Sciences
2007 - ongoing	Staff Surgeon Cardiac Surgery, European Hospital, Rome, Italy
2007 - ongoing	Cohordinator of the Experimental Research Laboratory, European Hospital, Rome, Italy
2018 – ongoing	Professor of Medical Statistics among International University of Health and Medical Sciences UniCamillus in Rome
2021 - ongoing	Chief Scientific officer - MLB Innovations – Artificial Heart Project SVE (Supporto Ventricolare di emergenza)
2021 - ongoing	Proctor for Italy of VGS Solutions inc. VEST product line
2021 - ongoing	Chief Data Officer and Responsabile Area Statistica Replycare-Med58 Med58UK
2024	President of Board of Digital Health Committee for the Ordine dei Medici di Roma
2022	Member of Board of Digital Health Committee for the Ordine dei Medici di Roma
2022	Qualified Eligible for Associate Professor of Cardiac Surgery by National MIUR ASN Committee
2020-2022	EU representative of the Weill-Cornell University NYC for the ROMA study
2019-2022	President of Physiotherapy Faculty among International University of Health and Medical Sciences UniCamillus in Rome
2018-2022	Scientific Cohordinator of the Medicine Faculty among International University of Health and Medical Sciences UniCamillus in Rome
2018	European Consultant for Pharmanutra snc
2017-2022	European Consultant for Baxter Corp. Hemostatics
2016	Member of NATA for Patient Blood Management
2015-2020	Surgical Lead for ANEMO Scientific Society
2009 January-April	Staff Surgeon at the Salam Center for Cardiac Surgery in Khartoum,

	Sudan, excellence mid-African Surgery Facility run by NGO Emergency
2005 to 2011	Cohordinator of SubIntensive Cardiac Surgery Unit, European Hospital, Rome, Italy
2004	Staff Surgeon, Cardiac Surgery, European Hospital, Rome, Italy
2003	St.Jude Medical Statistics Permanent Training Program Milano, Italy
2003	Sorin Medical Statistics Permanent Training Program Stresa, Verbania, Italy
2003	Heart Failure Assist Device Program Eastern Piemonte Network University of Torino, Torino, Italy
2002-2004	Postoperative care of Heart Trasplant. Co-responsibility University of Torino, Torino, Italy
2002	Temporary Visitors Fellowship Herz Zentrum- Berlin Hart Artificial Heart Training Program University of Berlin, Berlin, Germany

MADRELINGUA Italiano
ALTRE LINGUE Inglese, Spagnolo, Francese, Tedesco

INGLESE Certificate of Proficiency in English as a foreign Language. University of Cambridge – UK
 Capacità di lettura [avanzato C1– eccellente C2]
 Capacità di scrittura [avanzato C1– eccellente C2]
 Capacità di espressione orale [avanzato C1– eccellente C2]

SPAGNOLO Capacità di lettura [intermedio B1– intermedio superiore B2]
 Capacità di scrittura [intermedio B1– intermedio superiore B2]
 Capacità di espressione orale [intermedio B1– intermedio superiore B2]

FRANCESE Capacità di lettura [intermedio B1– intermedio superiore B2]
 Capacità di scrittura [base A1 – elementare A2]
 Capacità di espressione orale [base A1 – elementare A2]

TEDESCO Capacità di lettura [base A1 – elementare A2]
 Capacità di scrittura [base A1 – elementare A2]
 Capacità di espressione orale [base A1 – elementare A2]

CAPACITÀ E COMPETENZE TECNICHE

Ottima conoscenza di sistemi operativi (Windows, MacOS), pacchetto Office, software analisi statistica (Staview, MedCalc, SPSS), gestione della posta elettronica e Web Browser (Chrome, Explorer, Safari), sistemi operativi mobile (Android e iOS)

MEMBRO SOCIETÀ SCIENTIFICHE

European Association Cardio-Thoracic Surgery (EACTS)
Società Italiana di Chirurgia Cardiaca e Vascolare (SICCH)
NATA International for Patient Blood Management

PREMI E RICONOSCIMENTI

2023 Premio EACTS Aortic Forum – Best Abstract and Presentation – Brussel 13
Giugno 2023

BREVETTI

Titolare di un brevetto Americano e uno italiano inerenti la cardiocirurgia. In particolare, il device brevettato attiene al campo del cuore artificiale e al sostegno dello scompenso acuto sinistro peri-infartuale.

- USP ad Trademark Office – Allowance – SVE device – MLB Innovations App. No 17/253.683 from 12-18-2020
- Min. Svil. Economico – Uff. It. Brevetti e Marchi – SVE (Supporto Ventricolare di Emergenza) – MLB INNOVATIONS - Brevetto n 102018000006538 del 21-6-2018

INCARICHI DI INSEGNAMENTO DIDATTICO

2024-ongoing	UniCamillus – International Medical School in Rome Corso di Laurea Magistrale a ciclo unico in Medicina e Chirurgia Co_Titolare del modulo di Cardiochirurgia in Patologia Medica Sistematica Attività di insegnamento (art. 23 L. 240/10)
2021-2024	UniCamillus – International Medical School in Rome Corso di Laurea Magistrale a ciclo unico in Medicina e Chirurgia Co-Titolare del modulo Statistica Medica Attività di insegnamento (art. 23 L. 240/10)
2023	Programma di training didattico e “wet lab” sulla chirurgia coronarica al meeting annuale EACTS - Vienna 4-7 Ottobre 2023
2022	Programma di training didattico e “wet lab” sulla chirurgia coronarica al meeting annuale EACTS – Milano 5-8 Ottobre 2022
2022	EACTS Academy First Level Aortic Surgery – Windsor 27-29 OCTOBER 2022 – training didattico e “wet lab” sulla chirurgia della radice aortica
2021	Programma di training didattico e “wet lab” sulla chirurgia coronarica al meeting annuale EACTS – Barcelona 14-16 Ottobre 2021
2018-2021	UniCamillus – International Medical School in Rome Corso di Laurea in Fisioterapia Titolare del modulo Statistica Medica Professore straord. a t.d. (art.1 comma 12 L. 230/05)
2018-2021	UniCamillus – International Medical School in Rome Corso di Laurea in Tecnico di Radiologia Titolare del modulo Statistica Medica Professore straord. a t.d. (art.1 comma 12 L. 230/05)
2018-2021	UniCamillus – International Medical School in Rome Corso di Laurea in Scienze Infermieristiche Titolare del modulo Statistica Medica Professore straord. a t.d. (art.1 comma 12 L. 230/05)
2021-2024	UniCamillus – International Medical School in Rome Corso di Laurea in Medicina e Chirurgia Titolare del modulo Statistica Medica Professore a contratto
2024	UniCamillus – International Medical School in Rome Corso di Laurea in Medicina e Chirurgia Professore Associato di Cardiochirurgia

PUBBLICAZIONI

- 2005-2024 Autore e/o co-autore di oltre 130 articoli su riviste censite su Pubmed e/o Scopus e/o Web of Sciences, con oltre 1600 citazioni e con h-index 22 (Harzing PoP Scholar search result 5/3/2024)
- 2005-2024 Autore e/o co-autore di oltre 150 contributi e/o abstracts in atti di convegni nazionali ed internazionali

DIREZIONE O PARTECIPAZIONE AD ATTIVITÀ DI GRUPPI DI RICERCA

- 2016-2018 Weill Cornell Medicine, New York (USA)
Board Member of CICAS (Cornell International Consortium for Aortic Surgery)
- PI or CO-PI DuraGraft registry (Somahlution LLC)
ROMA trial (Cornell University, NYC)
RHEIA trial (Edwards)
REST-ART trial (VGS Solutions)

PROGETTI DI RICERCA CON GRANT DA IMPRESE

- 2014 Grant Hemostatic Baxter (euro 5.000) per lo studio "Prospective Randomized Clinical Trial of HEMOPATCH Topical Sealant in Cardiac Surgery" pubblicato (PMID: 27466878)
- 2012 Grant Haemonetics (euro 10.000) per lo studio: "Reduction of allogeneic red blood cell usage during cardiac surgery by an integrated intra- and postoperative blood salvage strategy: results of a randomized comparison" pubblicato (doi: 10.1111/j.1537-2995.2012.03836.x)
- 2010 Grant Janseen (euro 5.000) per lo studio "Preoperative very short-term, high dose erythropoietin administration diminishes blood transfusion rate in off pump coronary artery bypass: a randomized blind controlled study" pubblicato (doi: 10.1016/j.jtcvs.2009.10.012)
- 2008 Grant Vascutek (euro 14.000) per lo studio "Re-creation of a sinuslike graft expansion in Bentall procedure reduces stress at the coronary button anastomoses: A finite element study" pubblicato (doi: 10.1016/j.jtcvs.2008.10.013)

REVISORE E/O EDITOR PER RIVISTE INDICIZZATE

2013 – ongoing	Peer reviewer for Minerva Chirurgica Journal
2014 – ongoing	Peer reviewer for the Journal of Cardiovascular Surgery
2016 – ongoing	Peer reviewer for the European Journal of CardioThoracic Surgery
2017 – ongoing	Peer reviewer for the Interactive Journal of CardioThoracic Surgery
2017 – ongoing	Peer reviewer for the Journal of Thoracic and Cardiovascular Surgery
2018 – ongoing	Peer reviewer for OMICS Pharmaceutical Sciences
2022	Editor for Minerva Medica project book "Techniques and technologies to enhance clinical results in Coronary Artery Bypass Graft
2024 – ongoing	Associate Editor – Frontiers in Cardiovascular Surgery

ORGANIZZAZIONE E/O PARTECIPAZIONE COME RELATORE A CONVEGNI DI CARATTERE SCIENTIFICO

- 2008-2024 Organizzazione e/o relatore (invited lecture) ad oltre 50 convegni di carattere scientifico nazionali ed internazionali
- 2024 Joint Guidelines Meeting EACTS EACTA – Committee Member – Amsterdam 30-31 January 2024. PBM Guidelines – Chapter Leader Section 4.3, 4.4, 7.1-2-3
- 2023 EACTS Aortic Forum Bruxelles 2023. Speaker of “Systematic adjustment of root dimensions to cusp size in aortic valve repair: A computer simulation study”
- 2023 MIDI – Cardiologia Digitale ROMA 14APRILE 2023. Speaker of “Il valore dei dati in prospettiva attuale e futura”
- 2023 MALAGA XXV GIEMSA annual meetings XVI AWGE annual Meetings 3 4th February 2023. Speaker of “Hierro sucrosomado oral en cirugía cardíaca”
- 2022 EACTS Academy First Level Aortic Surgery – Windsor 27-29 OCTOBER 2022. Speaker of “Aortic root replacement – Techniques and results”, “The functional aortic annulus. Introduction to aortic valve reimplantation technique”, “Aortic valve related aortopathy – Definition, characteristics and treatment”
- 2022 PBM 8th IMCID - Stresa (VB), 20/22 ottobre 2022. Speaker of “Implementation of a pre-operative optimization protocol with Sucrosomial iron in cardiac surgery”
- 2022 EACTS Annual Meeting October 2022 Milan. Speaker of “Matching patients and conduits a patient-centered approach to conduit selection the LITA + RA approach”
- 2022 EACTS Aortic Forum - Rome June 2022. Moderator and Course co coordinator
- 2022 OVIEDO 2022 XXVI Congreso Nacional SECCE. Speaker of “External support of vein grafts for improved clinical outcomes in CABG”
- 2022 29th March - HEMOVISION Baxter inc. Speaker of “The art of Healing: the surgeon role in hemostasis”
- 2022 MADRID PBM “Historias del buen color” - MADRID 25 y 26 de marzo de 2022. Speaker of “Pre-operative cardio surgery protocol implementation with Sucrosomial® iron. New Data”
- 2021 PBM National Update Course -CATANIA. Speaker of “PBM in Cardiac Surgery”

- 2020 10/6/2020 – Online Meeting - Advisory Board on Hemostatics
- 2020 17/4/2020 NATA Annual Congress- Evento Online – Speaker of “Role of iron and EPO in the ICU”
- 2019 NEW YORK ICC International Coronary Congress (New York Marriott Marquis, Times Square, New York 6-8 dicembre 2019). Speaker of “External Stenting Of Vein Grafts In Off-pump Coronary Bypass Surgery And Sequential Grafting: Results From A Single Center Prospective Study”
- 2019 EACTS 2019 Lisbon 3-5 ottobre 2019. Speaker of “External stenting of vein grafts in off-pump coronary bypass surgery and sequential grafting. Mid term results from a single center prospective study”, “Renal replacement therapy with the oXiris filter decreases inflammatory mediators and improves cardiorenal function in septic patients: 131 patients propensity – matched analysys against traditional renal filtration”, “Sucrosomial Iron 60mg per day 30 days before heart surgery increases baseline Haemoglobin and dramatically reduces Haemoglobin Drift between postoperative day 2 and 3: a prospective randomized study”
- 2019 29/6/2019 – Vienna Universitet – BioSurgery Hands-on Workshop - Speaker of “Innovative Biomaterials in Cardiac Surgery”
- 2019 ROMANIAN Heart Surgery Society National Congress – 2019 (Online Only Event). Speaker of “Continuing Effort to standardize PBM in heart surgery”
- 2018 XXVII Congresso Società Italiana Di Chirurgia Cardiaca. Roma 23-25 Novembre 2018. Speaker of “Improvement of haemodynamic and respiratory parameters during coupled plasma filtration and adsorption (CPFA) and correlation with clearance of the inflammatory mediators in septic patients: a propensity matched study”, “Survival Analysis: Kaplann-Meier, Log Rank and Cox Analysis Basic concepts and common pitfalls.”, “Renal Replacement Therapy(RRT) with the oXiris filter is used in sepsis with Acute Kidney Injury (AKI) but few clinical studies compare the adsorbing effect of oXiris filter on the inflammatory mediators to traditional RRT”, “Randomized Clinical Trial Comparing Tisseel as an Adjunct to Traditional Hemostasis After Cardiac Redo Surgery (RETICO: REdo TIssel vs CONTROL study)”, “External stenting of vein grafts in off- pump coronary bypass surgery and sequential grafting: intermediate results from a single center prospective study.”, “Best of Both worlds: direct-vision ballon-expandable transcatheter prosthesis with excision of anterior mitral leaflet to treat Severe Stenosis in Big Mitral Annular Calcification Patients”, “Morphological modification of the aortic annulus in tricuspid and bicuspid valves after aortic valve reimplantation procedure: an ECG gated CT study”, “5 years follow up of aortic prosthesis endocarditis treated using BioIntegral Conduit”
- 2018 27-28/6/2018 – Roma – EACTS Academy – Speaker of “A journey across the aortic valve: surgery and transcatheter aortic valve replacement”, “Long-term results of valve sparing procedures. How do they compare with Bentalls?”
- 2018 26/4/2018 – Vienna Universitet – Speaker of “From hemostasis to tissue

synthesis: Evolving concepts in cardiovascular surgery”

- 2017 Place 2017 AIAC Congress – Roma 22/11/2017 – Speaker of “Update on Endocarditis”
- 2017 EACTS 2017 Vienna 7-11 October 2017. Speaker of “Unexpected persistent uncontrollable bleeding: How to deal with bleeding, optimize coagulation and use of topical agents”
- 2017 Settembre 2017 – Blood Save 2017 Padova – Speaker of “Role of iron and EPO in the ICU”
- 2017 8-9/6/2017 – Milan - Advanced Surgery Hands On Experience - Centro AIMS Mini - Invasive Advanced Surgery Academy. Speaker of “Il ruolo di emostatici e sigillanti avanzati nel controllo di complicanze e sanguinamenti in Cardiocirurgia – Il Punto Clinico”
- 2017 20/4/2017 NATA Annual Conference - Firenze – Speaker of “Surgical techniques and topical haemostatic agents in PBM”
- 2017 11/4/2017 - Advanced Surgery Investigator Forum – Zurich. Speaker of Focus on Hemostatics”
- 2016 Modena – International Workshop on Endocarditis. Speaker of “Bioprosthesis in aortic valve endocarditis – Stented Valves”.
- 2016 7/9/2016 Medtronic Focus Training Event “Further Together” – Roma. Speaker of “La gestione dell’emostasi in chirurgia cardio-vascolare: dalla teoria alla pratica”
- 2016 15-17/6/2016 – Biosurgery Hands On Experience – Milano Niguarda – Speaker of “Emostatici e sigillanti in chirurgia cardiovascolare: Decidere QUANDO e COSA usare”
- 2016 34th Cardiovascular Surgical Symposium – CSS February 27, 2016 Zürs, Austria. Speaker of “The Bentall operation – Mechanical and Biological Options”
- 2015 SCTS ACTA 2015 – Manchester 25-27 March 2015. Speaker of “Frozen Elephant Trunk with Thoraflex™ hybrid prosthesis: early results of the Prospective THORA-FET Registry”
- 2014 XXV Congresso Società Italiana Di Chirurgia Cardiaca. Roma 29-31 Novembre 2014. Speaker of “Prospective, randomized clinical trial of the Hemopatch topic hemostatic in cardiac surgery: initial experience”
- 2013 28/5/2013 – Caltanissetta – Congresso CEFPAS per l’alta formazione in medicina – Speaker of “Metodologie di risparmio di sangue ed alternative trasfusionali: un approccio multidisciplinare”
- 2013 92th AATS Annual Meeting – Minneapolis, USA –May 4th-8th 2013.

Speaker of "Single High Dose of Erythropoietin Two Days Before Surgery: A Simplified Short Term Approach to Blood Spare"

- 2012 XXVI Congresso Società Italiana Di Chirurgia Cardiaca. Roma 10-13 Novembre 2012. Speaker of "Single high dose of erythropoietin two days before surgery: a simplified short term approach to blood spare", "Integrated electronic clinical system: five thousands cases experience at the European Hospital", "Annular dilatation in aneurismatic aorta is the major determinant of leaflets stress: a combined static stress and fluid interaction finite element study"
- 2012 26th EACTS Annual Meeting, Barcelona, Spain 27-31 October 2012. Speaker of "Annular dilatation and loss of sinotubular junction in aneurysmal aorta: implications for leaflet quality at the time of surgery. A combined static stress and fluid interaction finite element study", "Incidence of thromboembolic complications in the bentall procedure combining a perimount valve with a valsalva graft"
- 2012 XXXIII National congress of the Italian Society of invasive cardiology 3-5 October 2012. Speaker of "Clinical outcome after endovascular, surgical or hybrid revascularization in patients with combined carotid and coronary artery disease."
- 2012 10/3/2012 – Anemo 2012 – Speaker of "Strategie di Risparmio del Sangue in Cardiochirurgia"
- 2011 Roma 02 – 05/05/2011 - MEMO 2011 - XIV Corso avanzato teorico pratico di monitoraggio emodinamico. Speaker of "Le necessità di monitoraggio del chirurgo nella chirurgia dell'arco aortico"
- 2010 Surgical Vascular Symposium, Berlin 9-13 November 2010. Speaker of "Twenty years of experience with combined carotid endoarterectomy and coronary artery bypass grafting"
- 2010 XXV Congresso Società Italiana Di Chirurgia Cardiaca. Roma 6-9 Novembre 2010. Speaker of "Annuloplasty first: changing the approach to mitral valve repair", "Cardioprotective cell saver system versus traditional chest drains: an independent, prospective, randomized, blinded study", "Computational analysis of bentall procedures and native aorta: a fluid dynamics and wall stress comparison", "Echocardiographic assessment of acute changes in mitral valve geometry following stand-alone surgical annuloplasty for bileaflet prolapse due to Barlow's disease", "Is ascending aortic surgery still an additional risk factor?", "Mitral repair by sole use of a ring: anatomical and echocardiographic determinants.", "Post-sternotomy mediastinitis treatment: determinants of success", "Simultaneous carotid endoarterectomy and coronary artery bypass graft: a prospective monocentric 5 year study".
- 2008 XXIV Congresso Italiano SICCH. Speaker of "The isthmus study. Long-term italian evaluation of clinical Performance of mitroflow synergy pericardial bioprosthesis", "Leaflets sparing for prolapsed mitral valve repair: early and

mid-term follow-up”, “Bentall procedure with the valsalva graft reduces the stress at the coronary button anastomoses. A finite element study”, “A case of a 65-year-old-man with recurrent aortic pseudoaneurysm”, “Surgical treatment of posterior postinfarction ventricular septal defect”, “The reimplantation technique with the valsalva graft: a step by step approach to avoid pitfalls”, “Preoperative very short term high dose epo administration diminishes blood transfusion rate in off pump coronary artery bypass. A randomized blind controlled study”, “Sorin solo stentless valve: extended adaptability for sinotubular junction mismatch”, “A new surgical strategy of double cannulation in aortic valve replacement with porcelain aorta”, “Optimized patients selection in aortic valve sparing procedure”, “Evaluation of incidence neurocognitive impairment after cardiac surgery: role of cpb”

PUBBLICAZIONI INDICIZZATE SU PUBMED/SCOPUS/WORLD OF SCIENCE

1. Weltert LP, Audisio K, Torre M, Dell'Aquila M, Cancelli G, Lodo V, Caldonazo T, Rossi CS, Soletti GJ, Garufi L, Centofanti P, De Paulis R, Rinaldi M. CO2 delivery techniques in mini-sternotomy surgery and neurological events: a multicentric study. *BMC Cardiovasc Disord*. 2024 Oct 22;24(1):582. doi: 10.1186/s12872-024-04237-8. PMID: 39438824; PMCID: PMC11495089.
2. Casselman FPA, Lance MD, Ahmed A, Ascari A, Blanco-Morillo J, Bolliger D, Eid M, Erdoes G, Haumann RG, Jeppsson A, van der Merwe HJ, Ortmann E, Petricevic M, Weltert LP, Milojevic M; EACTS/EACTAIC/EBCP Scientific Document Group. 2024 EACTS/EACTAIC Guidelines on patient blood management in adult cardiac surgery in collaboration with EBCP. *Interdiscip Cardiovasc Thorac Surg*. 2024 Oct 10;ivae170. doi: 10.1093/icvts/ivae170. Epub ahead of print. PMID: 39385501.
3. Caliskan E, Misfeld M, Sandner S, Böning A, Aramendi J, Salzberg SP, Choi YH, Perrault LP, Tekin I, Cuerpo GP, Lopez-Menendez J, Weltert LP, Böhm J, Krane M, González-Santos JM, Tellez JC, Holubec T, Ferrari E, Doros G, Emmert MY. Transatlantic analysis of patient profiles and mid-term survival after isolated coronary artery bypass grafting: a head-to-head comparison between the European DuraGraft Registry and the US STS Registry. *Front Cardiovasc Med*. 2024 Sep 12;11:1366460. doi: 10.3389/fcvm.2024.1366460. PMID: 39346099; PMCID: PMC11428045.
4. Lodo V, Italiano EG, Weltert L, Zingarelli E, Perrucci C, Pietropaolo C, Buono G, Centofanti P. The influence of gender on outcomes following transcatheter aortic valve implantation. *Front Cardiovasc Med*. 2024 Jul 17;11:1417430. doi: 10.3389/fcvm.2024.1417430. PMID: 39087077; PMCID: PMC11288807.
5. Ciccarelli G, Weltert L, Scaffa R, Salica A, Bellisario A, Ricci A, D'Aleo S, Fusca S, Wolf LG, Folino G, Gerosa G, De Paulis R. The Mitris RESILIA Valve: New Skin for a Proven Design. *Surg Technol Int*. 2024 Jul 15;44:197-201. doi: 10.52198/24.STI.44.CV1792. PMID: 39226535.
6. Torre M, Weltert L, Scaffa R, Salica A, Folino G, Ricci A, D'Aleo S, Wolf LG, Irace F, Chirichilli I, Fusca S, Bellisario A, Bonadies A, Primiterra M, De Paulis R. The New Era of Three-Dimensional Annuloplasty Devices for Mitral Valve Repair: Rationale and First Experiences. *Surg Technol Int*. 2024 Jul 15;44:219-222. doi: 10.52198/24.STI.44.CV1795. PMID: 39151144.
7. Marom G, Weltert LP, Raanani E, Chirichilli I, Giebels C, Irace FG, De Paulis R, Schäfers HJ. Systematic adjustment of root dimensions to cusp size in aortic valve repair: a computer simulation. *Interdiscip Cardiovasc Thorac Surg*. 2024 Feb 2;38(2):ivae024. doi: 10.1093/icvts/ivae024. PMID: 38402485; PMCID: PMC10902611.
8. Misfeld M, Sandner S, Caliskan E, Böning A, Aramendi J, Salzberg SP, Choi YH, Perrault LP, Tekin I, Cuerpo GP, Lopez-Menendez J, Weltert LP, Aduar-Gomez A, Thielmann M, Serraino GF, Doros G, Borger MA, Emmert MY; European DuraGraft Registry investigators. Outcomes after surgical revascularization in diabetic patients. *Interdiscip Cardiovasc Thorac Surg*. 2024 Feb 2;38(2):ivae014. doi:10.1093/icvts/ivae014. PMID: 38218725; PMCID: PMC10850843.

9. Stefanelli G, Sgura F, Menozzi FM, Meli M, Weltert L. Long-Term Results After Aortic Valve Replacement with Last-Generation Stentless Prostheses. *Surg Technol Int*. 2023 Nov 16;43:sti43/1683. doi: 10.52198/23.STI.43.CV1683. Epub ahead of print. PMID: 37972554.
10. Rondinelli MB, Weltert LP, Ruocco G, Ornelli M, Delle Femmine PF, De Rosa A, Pierelli L, Felici N. Patient Blood Management in Microsurgical Procedures for Reconstructive Surgery. *Diagnostics (Basel)*. 2023 Aug 25;13(17):2758. doi:10.3390/diagnostics13172758. PMID: 37685296; PMCID: PMC10486619.
11. Weltert LP, Di Mauro M. Commentary: Changing just enough. *J Thorac Cardiovasc Surg*. 2023 Aug;166(2):432-433. doi: 10.1016/j.jtcvs.2021.09.043. Epub 2021 Oct 1. PMID: 34657713.
12. Chirichilli I, Ricci A, Weltert L, Torre M, Irace F, Scaffa R, Folino G, Salica A, D'Aleo S, Wolf LG, Fusca S, Bellisario A, Marra G, Andreis M, Ciani C, Forcina S, De Paulis R. Aortic Annuloplasty: Focus on the Use of an External Teflon Ring. *Surg Technol Int*. 2023 Jul 18;42:sti42/1679. doi:10.52198/23.STI.42.CV1679. Epub ahead of print. PMID: 37466920.
13. Weltert LP, De Rosa A, Rondinelli MB, Falco M, Turani F, Pierelli L. Benefits of pre-operative oral Sucrosomial® iron supplementation in cardiac surgery: influence of patient's baseline hemoglobin and gender. *Blood Transfus*. 2023 Jul;21(4):305-313. doi: 10.2450/2022.0222-22. Epub 2022 Nov 25. PMID: 36580029; PMCID: PMC10335347.
14. Weltert L, Di Mauro M. Commentary: The holy grail of aortic surgery. *J Thorac Cardiovasc Surg*. 2023 Jul;166(1):22-23. doi: 10.1016/j.jtcvs.2021.06.010. Epub 2021 Jun 9. PMID: 34167817.
15. Sandner S, Misfeld M, Caliskan E, Böning A, Aramendi J, Salzberg SP, Choi YH, Perrault LP, Tekin I, Cuerpo GP, Lopez-Menendez J, Weltert LP, Böhm J, Krane M, González-Santos JM, Tellez JC, Holubec T, Ferrari E, Doros G, Vitarello CJ, Emmert MY; Registry Investigators; European DuraGraft Registry investigators'. Clinical outcomes and quality of life after contemporary isolated coronary bypass grafting: a prospective cohort study. *Int J Surg*. 2023 Apr 1;109(4):707-715. doi: 10.1097/JS9.0000000000000259. PMID: 36912566; PMCID: PMC10389413.
16. Chirichilli I, Scaffa R, Irace FG, Salica A, Weltert LP, D'Aleo S, Chiariello L, De Paulis R. Twenty-year experience of aortic valve reimplantation using the Valsalva graft. *Eur J Cardiothorac Surg*. 2023 Mar 1;63(3):ezac591. doi: 10.1093/ejcts/ezac591. PMID: 36579861.
17. Folino G, Salica A, Scaffa R, Irace FG, Weltert LP, Bellisario A, Gerosa G, De Paulis R. Mitral repair of myxomatous valves with simple annuloplasty: a follow-up up to 12 years. *Eur J Cardiothorac Surg*. 2022 Dec 2;63(1):ezac580. doi: 10.1093/ejcts/ezac580. PMID: 36548399.
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ESPERIENZA CLINICA

Dirigente Medico Cardiocirurgo con attività ininterrotta dal 2006 ad oggi con partecipazione attiva a circa 3000 casi clinici

Attività chirurgica di primo operatore cardiocirurgo autonomo con circa mille casi all'attivo dei quali:

- Circa 400 casi di bypass aortocoronarico (cuore battente e CEC, multiarterioso, anaortico, arteria mammaria e radiale e gastroepiploica, vena safena con supporto VEST (Prcotor Italia ed Europa per STI Technologies)
- Circa 250 casi di sostituzione o riparazione valvolare (valvole aortica, mitralica e tricuspidaica, accesso sternotomico e toracotomico anterolaterale e posterolaterale)
- Circa 150 casi di sostituzione aorta ascendente ed arco aortico, in elezione ed emergenza, con e senza perfusione cerebrale
- Circa 100 interventi maggiori di altro tipo (pazienti congeniti, tumori cardiaci, escisioni auricolari torascopiche, impianti di VAD ed ECMO)
- Circa 100 interventi di impianto valvolare transcateretere TAVI con valvole Balloon Expandable e Self Expandable

Il sottoscritto è a conoscenza che, ai sensi del DPR 445/2000, le dichiarazioni mendaci, la falsità negli atti e l'uso di atti falsi sono puniti ai sensi del codice penale e delle leggi speciali.

Autorizzo altresì il trattamento dei miei dati personali ai sensi del Decreto Legislativo 196/2003, coordinato con il Decreto Legislativo 101/2018, e dell'art. 13 del GDPR (Regolamento UE 2016/679) ai fini della ricerca e selezione del personale.

In Fede

Luca Paolo Weltert