

CURRICULUM VITAE

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Birth: June 13, 1978
Reggio Calabria (Italy)

Education:

Medical: - Università degli Studi di Messina, Messina, Italy (1996-2002)

Postgraduate: - Università degli Studi di Messina, Vascular Surgery Residency (2003-2005)

- Vascular Surgery Dept, Leicester Royal Infirmary, Leicester (UK) (Visiting fellow 2005)

- Università Vita-Salute San Raffaele, Milano, Vascular Surgery Residency (2005-2007)

- Università Vita-Salute San Raffaele, Milano, II level Master Course in Aortic Surgery (2008)

Certifications and Licensures

2007: Vascular Surgery, Diplomate - Università Vita-Salute San Raffaele Milano

2008: Master In Aortic Surgery - Università Vita-Salute San Raffaele Milano

2016: BLS (basic life support defibrillation) certification – Ospedale San Raffaele Milano

2017: ALS (advanced life support) certification – Ospedale San Raffaele Milano

Clinical Appointments (Scientific Institute San Raffaele, Milano, Italy)

VASCULAR SURGERY

- Staff Surgeon (2007-2016)
- Area Coordinator (February 2016-present)

DIVISION OF METABOLIC AND CARDIOVASCULAR SCIENCES

- Physician of Clinical research Unit of “Study and Treatment of Aortic Disease” (2008-2014)
- Teacher - Unit of Vascular Surgery in the Cardio-Thoracic-Vascular Department (2012-2014)
- Aggregate Professor in Vascular Surgery - Università Vita-Salute San Raffaele Milano (2016 to present)
- Scientific Coordinator – “2nd level Master in Aortic Surgery” Università Vita-Salute San Raffaele Milano

Research Activities

- Co-investigator of **The ILAILL study**: iloprost as adjuvant to surgery for acute ischemia of lower limbs: a randomized, placebo-controlled, double-blind study by the Italian society for vascular and endovascular surgery. de Donato G, Gussoni G, de Donato G, Andreozzi GM, Bonizzoni E, Mazzone A, Odero A, Paroni G, Setacci C, Settembrini P, Veglia F, Martini R, Setacci F, Palombo D.
AnnSurg. 2006 Aug;244:185-93
- Principal Investigator dello **Studio PLAK2** (ricerca interna): Ruolo della Vit K2 nella riduzione del tenore di Ca⁺⁺ a livello della biforcazione carotidea in pazienti con lesioni subcritiche – PLAK2” .
- Principal Investigator dello Studio **TVAC**: "Studio clinico di ricerca spontaneo, randomizzato e controllato sulla prevenzione delle complicanze della ferita chirurgica per patologia aneurismatica dell'aorta toraco addominale mediante l'utilizzo del sistema a pressione topica negativa "PREVENA™"
- Co-investigator dello Studio **NIMAS** (ricerca interna: "Neurophysiological intraoperative monitoring during aortic surgery")
- Co-investigator dello Studio **p-AAA** (ricerca interna) "Evaluation of open surgical and endovascular treatment of abdominal aortic pathology with hostile necks, para-/juxra-renal and sovrarinal pathology at mid and long term and stratification of the results according to the theoretical equivalent endovascular repair"
- Co-investigator dello Studio **SAPE** (ricerca interna) :“Occlusione endovascolare mediante Plug dell'arteria succlavia prevertebrale propedeutico a procedure aortiche chirurgiche o endovascolari”
- Co-investigator dello Studio **CURITIBA** (ricerca interna): “CUstodiol vs RInger: whaT Is the Best Agent?”
- Co-investigator dello Studio **Insight**: Sponsor: Cordis Corporation. “Studio multicentrico sponsorizzato, in aperto, prospettico, post-approvazione sul sistema di innesto stent INCRAFT® AAA in soggetti con aneurismi aortici addominali”
- Co-investigator dello Studio **Illumina**: Sponsor: CID S.p.A “Innovative siroLimus selF expanding drUg-eluting stent for the treatMent of perlpheral disease: evaluation of safety aNd efficAcy.

- Co-investigatore dello Studio **Great**: Sponsor: W.L. Gore & Associates: "Global Registry for Endovascular Aortic Treatment."
- Co-investigatore dello Studio **Valiant-Evo**: Sponsor: Medtronic: "Valiant Evo International Clinical Trial"
- Co-investigatore dello Studio **Vojager - PAD** Sponsor: Bayer HealthCare: "An international, multicenter, randomized, double-blind, placebo controlled phase 3 trial investigating the efficacy and safety of rivaroxaban to reduce the risk of major thrombotic vascular events in patients with symptomatic peripheral artery disease undergoing lower extremity revascularization procedures"
- Co-investigatore dello Studio **STP 185**: Sponsor: PQ Bypass Medical, Inc. "PQ Bypass Stent Graft System Long Segment Lesion Peripheral Artery Revascularization Feasibility Study"
- Co-investigatore dello Studio **STP 115**: Sponsor: PQ Bypass Medical, Inc. "PQ Bypass Systems for Femoro-popliteal Bypass II"
- Co-investigatore dello Studio **EMINENT** - Sponsor: Boston Scientific International SA
Titolo: "Sperimentazione randomizzata volta a confrontare lo stent a rilascio di farmaco ELUVIA™ con stent metallici non ricoperti autoespandibili in nitinol per il trattamento dell'arteria femorale superficiale e/o poplitea prossimale".

Industry Consulting Activities

- Medtronic Covidien, Speaker 2015
- Cardinal Health, Speaker April 2016
- Cardinal Health, Speaker October 2016
- Cardinal Health, Consultant (year 2017; Speaker and workshop co-Director)
- Boston Scientific, Speaker 2018
- Boston Scientific Advisory Board 2018
- Penumbra, Speaker 2018
- Boston Scientific, Speaker 2019
- Bard BD, Speaker 2019

Professional Society Membership

- Italian Society for Vascular and Endovascular Surgery (SICVE)
- European Society for Vascular and Endovascular Surgery (ESVS)
- Italian Society of Phlebology (SIF)
- Italian College of Phlebology (CIF)
- Italian Phlebology Association (AFI)
- College of Phlebology (COP)
- American College of Phlebology (ACP)
- Collegio Italiano Primari Ospedalieri di Chirurgia Vascolare (Board of directors)
- vWin Foundation (chairman Engagement Committee)

Honors and Awards

- **Award in 2013 from the Ordine dei Medici di Reggio Calabria** Gold Metal of Italian Republic President, Ippocrate's Prize for evolution and Science
- **Best Presentation for "Endothermal ablation" at Italian College of Phlebology Meeting 2017, Modena**
- **3rd Best Presentation for "Pelvic veins" at 2d International Veins Meeting of the College of Phlebology, London**

Academic Appointments (Università Vita-Salute, Milano, Italy)

- Tutor for the Clinical Rotation Activities in General & Specialized Surgery (2015-2018)
- Scientific Coordinator for the Master Course in Aortic Surgery (2017 to present)
- Teacher for the Specializing School of Vascular Surgery (2011-present)
- Teacher for the Elective Course in Vascular Surgery (2010-present)
- Tutor for the Clinical Rotation Activities in Surgery & Surgical Specializations (2011-present)
- Teacher for the Elective Course in Degree in Nursing (2010-present)
- Teacher for 1 level Master in Wound Care (2018-present)
- Teacher for the 2 level Master Course in Aortic Surgery (2011-present)

List of Publications

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- 1) M.LaSpada, F.Benedetto, T.Mandolino, F.Mirenda, A.Carmignani, F.Stilo, **D.Baccellieri**, E.Magazzù, C.Mastrojeni, F.Spinelli Criteri discriminanti in chirurgia carotidea. *Minerva Cardioangiologica*, 2004; 52: 170-2
 - 2) F.Benedetto, **D. Baccellieri**, F.Spinelli Ischemia critica: ruolo della terapia infusionale vasoattiva nei pazienti sottoposti a rivascolarizzazione distale. *Minerva Cardioangiologica*, 2004; 52: 207-9
 - 3) T.Mandolino, M, D'alfonso, A.Canciglia, **D.Baccellieri**, F.Spinelli Distal revascularization for upper limb salvage. *Italian Journal of Vascular surgery*. Sept 2005
 - 4) Mirenda F, La Spada M, **Baccellieri D**, Stilo F, Benedetto F, Spinelli F. Iloprost infusion in diabetic patients with peripheral arterial disease and foot ulcers *Chir Ital*. 2005 57(6):731-5.
 - 5) **Baccellieri D**, Mirenda F, Mandolino T, La Spada M, Stilo F, Spinelli F. Symptomatic aorto-iliac aneurysm and situs viscerum inversus: case report. *Chir Ital*. 2006. 58(1):113-6. Italian.
 - 6) Mirenda F, **Baccellieri D**, Carmignani A, La Spada M, Benedetto F, Spinelli F. Gunshot injury of superficial femoral artery without preoperative angiography: a case report. *Chir Ital*. 2006 Jan-Feb;58(1):117-20. Italian
 - 7) Melissano, G., Civilini, E., **Baccellieri, D.**, Montorfano, M., & Chiesa, R. (2007). Feasibility of renal artery stenting before, during, and after endovascular aneurysm repair with suprarenal fixation endograft. *Vascular and Endovascular Surgery*, 41(2), 140-145.
 - 8) Civilini, E., Melissano, G., **Baccellieri, D.**, & Chiesa, R. (2007). Delayed upstream migration of an iliac stent. *European Journal of Vascular and Endovascular Surgery*, 34(2), 214-216.
 - 9) Chiesa, R., Melissano, G., Civilini, E., Bertoglio, L., Setacci, F., **Baccellieri, D.** (2008). Giant aneurysm: 25years after patch aortoplasty for aortic coarctation. *Texas Heart Institute Journal*, 35(2), 220-221.
 - 10) Melissano G, Venturini M, **Baccellieri D**, Calliari F, Del Maschio A, Chiesa R. Distal embolization and proximal stent-graft deployment: a dual approach to endovascular treatment of ruptured superior gluteal artery aneurysm. *Tex Heart Inst J*. 2008;35(1):50-3
 - 11) Melissano G., Bertoglio L, Kahlberg A, **Baccellieri D**, Marrocco-Trischitta MM, Calliari F, Chiesa R. (2008) Evaluation of a new disease- specific endovascular device for type B aortic dissection. *J Thoracic Cardiovascular Surgery* 136 (4) 2008, 1012-1018
 - 12) R. Chiesa, E.Civilini, Y.Tshomba, E.M. Marone, L.Bertoglio, **D. Baccellieri**, G.Coppi, D. Logaldo, G. Melissano. Open repair of descending thoracic aneurysms. In HSR proceedings in Intensive care and anesthesia 2010; 2: 261-270

- 13) Chiesa R, E.Civilini, Y.Tshomba, E.M. Marone, L.Bertoglio, **D. Baccellieri**, G.Coppi, D. Logaldo, G. Melissano. Endovascular treatment of descending thoracic aneurysms. In HSR proceedings in Intensive care and anesthesia 2010; 2: 261-270
- 14) Chiesa R., Tshomba Y., **Baccellieri D.**, Logaldo D., Rinaldi E., Civilini E., Marone Maria E. M., Melissano G. Aneurysms and dissections of aortic arch and thoracoabdominal aorta: single centre experience with hybrid treatment. Italian Journal of Vascular and Endovascular Surgery 2013 Marzo;20(1):11-8
- 15) Chiesa R, Tshomba Y, Logaldo D, Kahlberg A, **Baccellieri D**, Apruzzi L. Possible graft-related complications in visceral debranching for hybrid B dissection repair. Ann Cardiothorac Surg. 2014 Jul;3(4):393-9.
- 16) Tshomba Y, Melissano G, Apruzzi L, **Baccellieri D**, Negri G, Chiesa R. Open repair for aortic occlusive disease: indication, techniques, results, tips and tricks. J Cardiovasc Surg (Torino). 2014 Apr;55(2 Suppl 1):57-68
- 17) Chiesa R, Tshomba Y, Logaldo D, Kahlberg A, **Baccellieri D**, Apruzzi L. Possible graft-related complications in visceral debranching for hybrid B dissection repair. Ann Cardiothorac Surg. 2014 Jul;3(4):393-9.
- 18) Tshomba Y, **Baccellieri D**, Mascia D, Kahlberg A, Rinaldi E, Melissano G, Chiesa R. Open treatment of extent IV thoracoabdominal aortic aneurysms. J Cardiovasc Surg (Torino). 2015 Apr 14.
- 19) Tshomba Y, Apruzzi L, Kahlberg A, **Baccellieri D**, Vitale R, Chiesa R. Endovascular repair of delayed giant iliac pseudoaneurysm following simultaneous pancreas-kidney transplantation with preserved allografts function. J Cardiovasc Surg (Torino). 2015 Oct 27. [Epub ahead of print] PubMed PMID: 26505147.
- 19) Leopardi M, Tshomba Y, Castiglioni A, **Baccellieri D**, Kahlberg A, Negri G, Melissano G, Chiesa R. Late Retrograde Migration of a Left Subclavian Artery Chimney Stent-Graft Into the Innominate Artery. J Endovasc Ther. 2016 Apr 20. pii: 1526602816645525. [Epub ahead of print] PubMed PMID: 27099287.
- 21) Melissano G, Tshomba Y, Mascia D, **Baccellieri D**, Kahlberg A, Bertoglio L, Nardelli P, Negri G, Chiesa R. Late open conversion after TEVAR. J Cardiovasc Surg (Torino). 2016 Aug;57(4):491-7. Epub 2016 Apr 22. PubMed PMID: 27102628.
- 22) Pasin L, Nardelli P, Landoni G, Beretta L, Piras D, **Baccellieri D**, Chiesa R, Zangrillo A. Enhanced recovery after surgery program in elective infrarenal abdominal aortic aneurysm repair. J Cardiovasc Surg (Torino). 2016 Apr 8. [Epub ahead of print] PubMed PMID: 27171328.
- 23) Lombardi M, Mantione ME, **Baccellieri D**, Ferrara D, Castellano R, Chiesa R, Alfieri O, Foglieni C. P2X7 receptor antagonism modulates IL-1 β and MMP9 in human atherosclerotic vessels. Sci Rep. 2017 Jul 7;7(1):4872.

- 24) Cambiaghi T, **Baccellieri D**, Mascia D, Melissano G, Chiesa R, Kahlberg A. Endotension after Abdominal Aortic Aneurysm Endovascular Repair in Cirrhotic Patients. *Ann Vasc Surg.* 2017 Nov
- 25) Kahlberg A, Ferrante AMR, Miloro R, Mascia D, Bertoglio L, **Baccellieri D**, Melissano G, Chiesa R. Late patency of reconstructed visceral arteries after open repair of thoracoabdominal aortic aneurysm. *J Vasc Surg.* 2018
- 26) Bertoglio L, Cambiaghi T, Ferrer C, **Baccellieri D**, Verzini F, Melissano G, Chiesa R, Tshomba Y. Comparison of sacrificed healthy aorta during thoracoabdominal aortic aneurysm repair using off-the-shelf endovascular branched devices and open surgery. *J Vasc Surg.* 2018
- 27) Mantione ME, Lombardi M, Baccellieri D, Ferrara D, Castellano R, Chiesa R, Alfieri O, Foglieni C. IL-1 β /MMP9 activation in primary human vascular smooth muscle-like cells: Exploring the role of TNF α and P2X7. *Int J Cardiol.* 2019 Mar 1;278:202-209

Certified Surgical Case List

Grand Total: Surgical Interventions

First Surgeon:

Teaching Assistant / Assistant:

UO di Chirurgia Vascolare Univeristà di Messina (2002-2005)
UO Chirurgia Vascolare IRCCS San Raffele - Milano (2005-present)

Milano

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