

# CURRICULUM VITAE

**Name:** Domenico Baccellieri, M.D.

**Mailing Address:** Scientific Institute San Raffaele, Vascular Surgery Unit,  
Via Olgettina 60, 20132, Milano, Italy

**Contact Information:** Phone: (0039) 02.2643.2501  
Fax: (0039) 02.2643.7148  
E-Mail: baccellieri.domenico@hsr.it

**Birth:** June 13, 1978  
Reggio Calabria (Italy)

## Education:

*Medical:* - Università degli Studi di Messina, Messina, Italy - M.D. Program (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

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

### VASCULAR SURGERY

- Staff Surgeon (2007-2016)
- Area Coordinator Deputy Chief (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)
- Scientific Coordinator – 2<sup>nd</sup> level Master in Aortic Surgery

## 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<sup>++</sup> 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™"

- Principal Investigator dello Studio **REX-001-004** : Sponsor: Rexgenero Limited - "The Efficacy and Safety of Intra-Arterial Administration of Rexmyelocel-T to treat Critical Limb Ischemia in Subjects with Diabetes Mellitus: Two Pivotal, Placebo-Controlled, Double-Blind, Parallel-Group, Adaptive Trials

- 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-/juxtra-renal and sovranal 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-investigatore dello Studio **Illumina**: Sponsor: CID S.p.A. "Innovative sirolimus self expanding drug-eluting stent for the treatment of peripheral 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

## **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)

## Honours 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**
- **3<sup>rd</sup> 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)
- Teacher for the Master Course in Aortic Surgery (2011-present)
- 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)

### **Degree course in Medicine & Surgery International MD Program**

- *From the A.Y 2012/2013 to the A.Y 2014/2015 he was appointed Teacher for the SSD\* MED/22 Vascular*  
*\*SSD: Scientific Disciplinary Sector*

### **In the Specialization School of Vascular Surgery**

- *From the A.Y 2007/2008 to the A.Y. 2011/2012, Teacher with part-time contract with no remuneration for the “Clinical Pathology of the Cardiovascular apparatus” (Vecchio Ordinamento).*
- *From the A.Y. 2008/2009 to present, Teacher with part-time contract with no remuneration for the “Clinical and Surgical Approach to the patient with Vascular Disease 1”, from the A.Y. 2009/2010 to present, Teacher with part-time contract with no remuneration for the “Clinical and Surgical Approach to the patient with Vascular Disease 2”, from the A.Y. 2010/2011 to present, Teacher with part-time contract with no remuneration for the “Clinical and Surgical Approach to the patient with Vascular Disease 3”, from the A.Y. 2011/2012 to present, Teacher with part-time contract with no remuneration for the “Advanced management of the patient with Vascular Disease and basic skills for aortic endovascular repair”,*
- From the year 2010 teacher for the Master Course in Aortic Surgery.



### **Degree course in Nursing:**

- *From the A.Y. 2013/2014 to the A.Y 2014/2015 he was appointed teacher with part-time contract with remuneration for the “Clinical Nursing in surgical area” for the SSD\* MED/18 General Surgery as part of the Course of Surgery.*

*\*SSD: Scientific Disciplinary Secto*

### **Invited lectures / Faculty**

1. **Eras in Aortic Surgery;**  
5th Aortic Surgery and Anesthesia How to Do It, Milan December 13-15, 2012
2. **Challenging cases in occlusive disease of iliac arteries**  
Meeting of Young Phisician: Open versus Endo for peripheral aortic disease; Acireale 29-30 ottobre 2013
3. **Retrograde Dissection after Tevar;**  
6th Aortic Surgery and Anesthesia How to do it, Milan 11-13, 2014
4. **Metodiche di Radiofrequenza**  
XIV Congresso Nazionale SICVE, Milan, October 4-6, 2015
5. **L’approccio mininvasivo al trattamento dell’Insufficienza Venosa**  
XIV Congresso Nazionale SICVE, Milan, October 4-6, 2015
6. **Accuracy of placement and reduced contrast when deploying INCRAFT**  
Charing Cross Symposium 2016 , London UK, April 26-29, 2016
7. **Open surgical conversion after TEVAR: incidence and treatment options**  
IMAD 2016 September, Liege (Belgium) 15-17, 2016
8. **Interventi ibridi sull’arco aortico**  
Il trattamento di scelta nell’emergenza dell’aorta toracica-addominale: chirurgia open endovascolare Tropea, May 19-20, 2016
9. **Ultra-low profile nel trattamento routinario dell’AAA**  
XV Congresso Nazionale SICVE, Rome, October 23-25, 2016
10. **Caso da Incubo o il caso che rifarei in altro modo: Video Cases**  
XV Congresso Nazionale SICVE, Rome, October 23-25, 2016

11. ***Thoracic Aortic Repair After Failed TEVAR***  
43rd Veith Symposium, New York, November 15-19, 2016
12. **Open treatment of visceral aneurysms**  
7th Aortic Surgery and Anesthesia How to Do It, Milan December 15-17, 2016
13. **Radiofrequency saphenous ablation**  
7th Aortic Surgery and Anesthesia How to Do It, Milan December 15-17, 2016
14. **INCRAFT AAA stent-graft system: from the INNOVATION study to our daily practice**  
7th Aortic Surgery and Anesthesia How to Do It, Milan December 15-17, 2016
15. **INCRAFT® ultra-low profile Stent Graft System shows long-term durability in clinical studies**  
CACVS Controversies and Updates in Vascular Surgery 2017, Paris, 19-21, 2017

## List of Publications

---

- 1) 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
- 2) 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.
- 3) 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
- 4) 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.
- 5) 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.
- 6) 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.* 200557(6):731-5.
- 7) **Baccellieri D**, Mirenda F, Mandolfino 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.
- 8) 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
- 9) Spinelli F, Mandolfino T, La Spada M, **Baccellieri D**, Benedetto F. Advance in non invasive evaluation on critical limb ischemia (CLI) and its implication in decision making. *Tecnicas Endovasculares*, Apr 2005
- 10) T.Mandolfino, M, D'alfonso, A.Canciglia, **D.Baccellieri**, F.Spinelli Distal revascularization for upper limb salvage. *Italian Journal of Vascular surgery.* Sept 2005

- 11) 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
- 12) F.Benedetto, **D. Baccellieri**, F.Spinelli Ischemia critica: ruolo della terapia infusione vasoattiva nei pazienti sottoposti a rivascolarizzazione distale. *Minerva Cardioangiologica*, 2004; 52: 207-9
- 13) 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
- 14) R. Chiesa, 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
- 15) 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
- 16) 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.
- 17) 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
- 18) 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.
- 19) 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.
- 20) 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.
- 21) 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.

22) 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.

23) 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.

24) Lombardi M, Mantione ME, Baccellieri D, Ferrara D, Castellano R, Chiesa R, Alfieri O, Foglieni C. P2X7 receptor antagonism modulates IL-1 $\beta$  and MMP9 in human atherosclerotic vessels. *Sci Rep*. 2017 Jul 7;7(1):4872.

25) 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

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) 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

## **Certified Surgical Case List**

Grand Total: **9353** Surgical Interventions

First Surgeon: **2.103**

Teaching Assistant / Assistant: **7250**

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

Milano 29.09.2018

  
Domenico Baccellieri