

# DANIELE MASCIA

## CURRICULUM VITAE

### **DANIELE MASCIA**

Born in Cagliari (CA), Italy

24 Luglio 1982

Citizenship Italian

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## **Education and qualifications**

**2001**      **High School. Diplomate, Maturità Classica** (Liceum G.M. Dettori, Cagliari), 100/100.

**2007**      **Bachelor of Medicine and Surgery, Magna Cum Laude University of Medicine and Surgery**, Università degli Studi di Cagliari, discussing the experimental thesis entitled "*Endoarteriectomia carotidea in anestesia loco-regionale: tecnica e risultati*" (Prof. R Montisci).

**2007**      **National Board of Medical Examiners, Diplomate** (O.Me.Ca. n 8919)

*Residency in Vascular Surgery. Division of Vascular Surgery. Department of Cardiovascular and Thoracic Surgery "Vita-Salute" University - San Raffaele Hospital*

*Internship in Vascular Surgery. Division of Vascular Surgery. Department of Cardiovascular and Thoracic Surgery "Vita-Salute" University - San Raffaele Hospital*

## Research Projects

- 2010 – 2012** Co-Investigator, multicenter international trial “A Clinical Study of the Safety and Performance of the Treovance Stent-Graft with Navitel Delivery System for Patients With Infrarenal Abdominal Aortic Aneurysms” (Protocol number: IP-0007-10; Promoter: Bolton Medical, Inc)
- 2013** Sub-Investigator, prospective open label non randomized single arm first in man clinical study to evaluate the safety and performance of the Horizon <sup>TM</sup> Abdominal aortic aneurysm stent-graft system (Protocol number: CIP001; Horizon FIM study)
- 2014** Co-Investigator, multicenter international trial “Activ8 study. A multicenter non randomized study to evaluate Cre8 <sup>TM</sup> BTK performances in patients with critical limb ischemia” (Protocol number: IP-31301; Promoter: CID, S.p.A.)
- 2014** Research coordinator, multicenter international registry, GREAT registry (GRT 10-11), outcomes module.

## Undergraduate & Postgraduate teaching

I have an interest in medical education and teaching. Since 2004 I am involved in teaching medical students and young resident from "Vita-Salute" Medical School currently located to the San Raffaele Hospital. This involves both clinical teaching during the student's attachment to the vascular surgery division and also non-clinical tutorial lessons (vascular surgical and endovascular technique):

During my residency at Department of Cardiovascular and Thoracic Surgery of San Raffaele Hospital, I have also been directly involved as teacher during different theoretical and practical postgraduate courses.

**2008–present** Tutor for the Clinical Rotation Activities in General & Specialized Surgery

**2009–present** Tutor at the eight editions of the Course “Planning and sizing of the aortic pathology with OsiriX” (Directors: Prof. R. Chiesa, Dr. G. Melissano) at Scientific Institute San Raffaele, Milan.

**2011** Convenor of e-learning course of European Society of Vascular and endovascular surgery (ESVS) “Planning and sizing with OsiriX for vascular surgery”

# Clinical Experience

During my residency at Division of Vascular Surgery of Cardiovascular and Thoracic Surgery Department of San Raffaele Hospital (2008-2014), I have had extended training in clinical and diagnostic for vascular surgical cases. I am familiar with commonly used noninvasive instruments and modalities such as duplex and color-flow scanning, magnetic resonance imaging and computerized tomography. This has especially included diagnostic work at the vascular diagnostic laboratory of the department. During this period I have performed at over 20000 duplex and color-flow scanning for cerebrovascular, lower extremity arterial and venous, aortic and visceral disease. I have also been trained in invasive digital subtraction angiography performed preoperatively as diagnostic test or intraoperatively as completion of open and endovascular procedure (carotid endarterectomy, lower limb interventions and endovascular procedure of aortic disease)

During the same period I have had training in open and endovascular treatment of different vascular disease.

## **2014- present Consultant Vascular Surgeon**

Division of Vascular Surgery, Department of Cardiovascular and Thoracic Surgery "Vita-Salute" University - San Raffaele Hospital Milano, Italy

## **2009- 2014 Residency In Vascular Surgery**

Division of Vascular Surgery, Department of Cardiovascular and Thoracic Surgery "Vita-Salute" University - San Raffaele Hospital Milano, Italy

## **2008- 2009 Internship In Vascular Surgery**

Division of Vascular Surgery, Department of Cardiovascular and Thoracic Surgery "Vita-Salute" University - San Raffaele Hospital Milano, Italy

## **2007- 2008 Internship In Vascular Surgery**

Division of Vascular Surgery, Department of Thoraco-vascular Surgery Università degli studi di Cagliari, Italy

## **2006 Internship In Vascular Surgery**

Division of Vascular Surgery, Hospital Edouard Herriot (Université Claude Bernard Lyon 1) Pav.M (Prof. Jean Michel Chevalier)

## **2006 Internship In Cardiology**

Division of Cardiology, Hospital Louis Pradel (Université Claude Bernard Lyon 1) U60 (Prof Francois Delahaye)

## 2005- 2006 Internship In Clinical Medicine and Rheumatology

Service of Rheumatology, Hospital Edouard Herriot (Université Claude Bernard Lyon 1) Pav.  
F Service 3 (Prof. Pierre Miossec)

## Affiliations

European Society of Vascular and Endovascular Surgery in Traing – ESVST

Società Italiana di Chirurgia Vascolare ed Endovascolaren - SICVE

## Publications

### Chapters in Books

- 1) Chiesa R, Marrocco Trischitta M.M, **Mascia D**, Tshiombo G, Kahlberg A.  
REDO SURGERY FOR CRITICAL LIMB ISCHEMIA  
In “Critical limb ischemia – New developments and perspectives” di C. Setacci  
Edizioni Minerva Medica, Torino 2010:335-341.
- 2) Marone E.M, Tshomba Y, **Mascia D**, Chiesa R.THE EXPERIENCE OF SAFROS AND  
ISUR PROJECT  
In “Aortic Surgery and Anesthesia – How to do it” a cura di Roberto Chiesa, Germano  
Melissano, Alberto Zangrillo  
Edizioni Arti Grafiche Colombo 2012: 219-232
- 3) Chiesa R, Tshomba Y, **Mascia D**, Rinaldi E, Logaldo D, Civilini E.  
OPEN REPAIR FOR JUXTARENAL AORTIC ANEURYSMS  
In “Manuscripts of the 17<sup>th</sup> European Vascular Course” di M. Jacobs  
Edizioni Minerva Medica, Torino 2013:35-45
- 4) Chiesa R, Marone E.M, Tshomba Y, Melissano G, Logaldo D, **Mascia D**, Rinaldi E,  
Civilini E, Kahlberg A.  
SUPRAORTIC DEBRANCHING AND ENDOGRAFTING FOR ANEURYSM  
INVOLVING THE ARCH  
In “Proceedings of the 25<sup>th</sup> World Congress of the International Union of Angiology  
IUA” di Karel Roztocil  
Edizioni Minerva Medica, Torino 2012: 130-133
- 5) Chiesa R, Kahlberg A, Tshomba Y, **Mascia D**, Civilini E, Melissano G.  
RENAL REVASCULARISATION DURING OPEN TAAA REPAIR WITH THE HYBRID  
VASCULAR GRAFT  
In “Vascular and Endovascular Controversies Update” a cura di Roger M. Greenhalgh  
Edizioni BIBA Publishing 2015, 165-171.

- 6) Bertoglio L, Spelta S, **Mascia D**, Chiesa R.  
COMPUTER BASED PLANNING FOR ENDOVASCULAR TREATMENT OF AORTIC DISEASE – OSIRIX SOFTWARE  
In “Endovascular techniques in the Management of Aortic and Peripheral Arterial Disease”  
a cura di Carlo Setacci, Roberto Chiesa e Piergiorgio Cao.  
Edizioni Minerva Medica S.p.A. 2016, 28-36.
- 7) Chiesa R, Marone E.M, **Mascia D**, Leopardi M, Melissano G.  
THORACIC AORTIC ANEURYSMS  
In “Endovascular techniques in the Management of Aortic and Peripheral Arterial Disease”  
A cura di Carlo Setacci, Roberto Chiesa e Piergiorgio Cao.  
Edizioni Minerva Medica S.p.A. 2016, 161-176.
- 8) Chiesa R, Bertoglio L, **Mascia D**, Cambiaghi T, Rinaldi E.  
THORACIC DISSECTION  
In “Endovascular techniques in the Management of Aortic and Peripheral Arterial Disease”  
A cura di Carlo Setacci, Roberto Chiesa e Piergiorgio Cao.  
Edizioni Minerva Medica S.p.A. 2016, 177-189.
- 9) Chiesa R, Kahlberg A, Castellano R, **Mascia D**, Tshomba Y, Melissano G.  
STATE OF THE ART ON SUTURELESS DEVICES FOR THORACO-ABDOMINAL AORTIC REPAIR  
In “ESVB 2015” a cura di Nabil Chakfe, Frederic Heim, Wolfgang Meichelboeck  
Edizioni OTT Imprimeurs SAS 2015, 85-90.
- 10) Chiesa R, Kahlberg A, Castellano R, **Mascia D**, Tshomba Y, Melissano G.  
THE VALUE OF HYBRID DEBRANCHING  
In “Vascular and Endovascular Challenges Update” di Roger M. Greenhalgh  
Edito in occasione del 38° International Symposium Charing Cross  
BIBA Publishing 2016: 203-208.

## Peer-reviewed Publications

- 1) Marone E.M, **Mascia D**, Calliari F, Tshomba Y, Chiesa R.  
ENDOASCULAR TREATMENT OF MIDDLE AORTIC SYNDROME IN YOUNG PATIENS  
It J Vasc Endovasc Surg 2009; 16:193-7
- 2) Marrocco Trischitta M, Kahlberg A, Astore D, Tshiombo G, **Mascia D**, Chiesa R.  
OUTCOME IN CIRRHOTIC PATIENTS AFTER ELECTIVE SURGICAL REPAIR OF INFRARENAL AORTIC ANEURYSM  
Journal of Vascular Surgery 2011; 53(4):906-911
- 3) Melissano G, Bertoglio L, Civilini E, Tshomba Y, Rinaldi E, **Mascia D**, Chiesa R.

SPINAL CORD ANATOMY IMAGING. IS IT USEFUL FOR THORACO-ABDOMINAL ANEURYSM REPAIR?

Tecnicas Endovasculares 2011; 14(1):3720

- 4) Tshomba Y, De Dominicis D, Marone E.M, **Mascia D**, Sanvito F, Chiesa R.  
ASEPTIC POLYURETHANE CAROTID PATCH REJECTION: COMPLICATION, ALLERGY OR MIRACOLOUS HEALING?  
J Cardiovasc Surg 2011; 52:859-61.
- 5) Marone E.M, **Mascia D**, Kahlberg A, Brioschi C, Tshomba Y, Chiesa R.  
IS OPEN REPAIR STILL THE GOLD STANDARD IN VISCERAL ARTERY ANEURYSM MANAGEMENT?  
Ann Vasc Surg. 2011 Oct;25(7):936-46. doi: 10.1016/j.avsg.2011.03.006. Epub 2011 May 28.
- 6) Marone E.M, **Mascia D**, Kahlberg A, Tshomba Y, Chiesa R.  
EMERGENT ENDOVASCULAR TREATMENT OF BLEEDING RECURRENT AORTOENTERIC FISTULA AS A "BRIDGE" TO DEFINITIVE SURGICAL REPAIR  
Journal of Vascular Surgery 2012; 55, N°4:1160-3
- 7) Civilini E, Bertoglio L, **Mascia D**, De Bonis M, Chiesa R.  
EMERGENT REPAIR OF A COMPLEX DESSECTING ANEURYSM IN THE THORACIC AORTA  
J Texas Heart Institute Journal 2012; 39(5): 687-691.
- 8) Marone E.M, **Mascia D**, Coppi G, Tshomba Y, Bertoglio L, Kahlberg A, Chiesa R.  
DELAYED OPEN CONVERSION AFTER ENDOVASCULAR ABDOMINAL AORTIC ANEURYSM: DEVICE-SPECIFIC SURGICAL APPROACH  
European Journal of Vascular and Endovascular Surgery 2013; 5, vol 45: 457-464.
- 9) Chiesa R, *Tshomba Y*, **Mascia D**, Rinaldi E, Logaldo D, Civilini E.  
OPEN REPAIR FOR JUXTARENAL AORTIC ANEURYSMS.  
J Cardiovasc Surg (Torino). 2013 Feb;54(1 Suppl1):35-45. Review.
- 10) Tshomba Y, **Mascia D**, Kahlberg A, Marone EM, Melissano G, Chiesa R.  
ON-LABEL USE OF COMMERCIALY-AVAILABLE ABDOMINAL ENDOGRAFTS FOR PARA-ANASTOMOTIC ANEURYSMS AND PSEUDOANEURYSMS AFTER INFRARENAL ABDOMINAL AORTIC ANEURYSM OPEN REPAIR.  
Eur J Vasc Endovasc Surg. 2013 Sep 19. doi:pii: S1078-5884(13)00576-5. 10.1016/j.ejvs.2013.09.013.
- 11) Kahlberg A, **Mascia D**, Marone E.M, Logaldo D, Tshomba Y, Chiesa R.  
THE BOLTON TREVANCE ENDOGRAFT: SINGLE CENTER EXPERIENCE  
J Cardiovasc Surg 2014; 55:77-84.

- 12) Chiesa R, Kahlberg A, **Mascia D**, Tshomba Y, Civilini E, Melissano G.  
USE OF A NOVEL HYBRID VASCULAR GRAFT FOR SUTURELESS REVASCULARIZATION OF THE RENAL ARTERIES DURING OPEN THORACOABDOMINAL AORTIC ANEURYSM REPAIR  
Journal of Vascular Surgery 2014; 60(3): 622-630.
- 13) Melissano G, Civilini E, **Mascia D**, Tshomba Y, Bertoglio L, Chiesa R.  
CLINICAL USE OF EXTRA-LARGE SELF EXPANDING STENTS.  
The Journal of Cardiovascular Surgery 2015; 56:81-7.
- 14) 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 2015; 56:687-97
- 15) **Mascia D**, Leopardi M, Baccellieri D, Alaidroos M, Kahlberg A, Tshomba Y, Melissano G, Chiesa R.  
THORACOABDOMINAL AORTIC ANEURYSMS IN MARFAN PATIENTS  
J Vasc Endovasc Surg 2015; 22(Supp.3 to No. 3): 59-62.
- 16) Endovascular treatment of a long-term complication of thoraco-bifemoral bypass.  
**Mascia D**, Bertoglio L, Civilini E, Kahlberg A, Tshomba Y, Chiesa R.  
J Cardiovasc Surg (Torino). 2015 Sep 4.
- 17) Branched stent-grafts deployed in the true and false lumen to exclude a post dissecting thoraco-abdominal aneurysm.  
Bertoglio L, Marone EM, Civilini E, Cambiaghi T, **Mascia D**, Chiesa R.  
J Cardiovasc Surg (Torino). 2015 Sep 3.
- 18) Hepatic artery aneurysms: open and endovascular repair.  
Melissano G, **Mascia D**, Gabriel SA, Bertoglio L, Venturini M, DE Cobelli F, Del Maschio A, Chiesa R.  
J Cardiovasc Surg (Torino). 2016 May 6.
- 19) Late open conversion after TEVAR.  
Melissano G, Tshomba Y, **Mascia D**, Baccellieri D, Kahlberg A, Bertoglio L, Nardelli P, Negri G, Chiesa R.  
J Cardiovasc Surg (Torino). 2016 Apr 22.
- 20) Volumetric analysis of aneurysm thrombosis after thoracic endovascular aortic repair predicts postoperative changes in platelet count and coagulation parameters.  
Kahlberg A, Rinaldi E, Tshomba Y, Spelta S, **Mascia D**, Melissano G, Chiesa R.  
J Cardiovasc Surg (Torino). 2016 Jan 19.]
- 21) Melissano G, Bertoglio L, **Mascia D**, Rinaldi E, Del Carro U, Nardelli P, Chiesa R.  
SPINAL CORD ISCHEMIA IS MULTIFACTORIAL: WHAT IS THE BEST PROTOCOL?  
The Journal of Cardiovascular Surgery april 2016; 57(2): 191-201.

## Conference proceedings

- 1) Melissano G, Civilini E, Bertoglio L, **Mascia D**, Tshomba Y, Chiesa R.  
EVAR IS THE GOLD STANDARD FOR FIT PATIENTS: AGAINST  
Atti VIII SITE  
Simposio Internacional sobre Terapeutica Endovascular  
Tecnicas Endovasculares, Vol. XII- N° 1- Aprile 2009:2797
- 2) Marone E.M, **Mascia D**, Tshomba Y, Astore D, Chiesa R.  
LE TRAITEMENT CHIRURGICAL EST IL ENCORE LE GOLD STANDARD DANS LA  
GESTION DES ANEURYSMES SES ARTERES VISCERALES?  
Atti Congresso SCV: 64  
Nimes, 12-15 Giugno 2010
- 3) Tshomba Y, **Mascia D**, Kahlberg A, Marone E.M, Bertoglio L, Chiesa R.  
ENDOVASCULAR REPAIR OF PARA-ANASTOMOTIC ANEURYSMS WITH  
STANDARD DEVICES: ANALYSIS OF FEASIBILITY AND RESULTS  
Atti "The 61<sup>st</sup> International Congress of ESCVS"  
The Journal of Cardiovascular Surgery – Vol 53 suppl 1, N° 2 – Aprile 2012: 95.
- 4) Marone E.M, Bertoglio L, **Mascia D**, Rinaldi E, Tshomba Y, Chiesa R.  
CONVERSIONS TARDIVES APRES TRAITMENT ENDOVASCULAIRE DES  
ANEURYSMES DE L'AORTE ABDOMINALE: APPROCHE ADAPTEE SELON LE  
TYPE D'ENDOPROTHESE  
Atti XXVII Congrès SCV 2012 :60  
Parigi, 22-25 Giugno 2012
- 5) Chiesa R, Marone E, Tshomba Y, Melissano G, Logaldo D, **Mascia D**, Rinaldi D,  
Civilini,  
Kahlberg A.  
SUPRAORTIC DEBRANCHING AND ENDOGRAFTING FOR ANEURYSM  
INVOLVING  
THE ARCH  
Proceedings of the 25<sup>h</sup> World Congress of the International Union of Angiology (IUA),  
Prague,  
Czech Republic (July 1-5, 2012) – EDIZIONI MINERVA MEDICA, pp 130-133
- 6) Marone E.M, Kahlberg A, **Mascia D**, Logaldo D, Tshomba Y, Melissano G, Chiesa R.  
REINTERVENTIONS TARDIVES ET CONVERSIONS OUVERTES APRES  
REPARATION ENDOVASCULAIRE DE L'AORTE THORACIQUE  
Atti XXVII Congrès SCV 2012 :81
- 7) Marone E.M, Bertoglio L, Tshomba Y, **Mascia D**, Rinaldi E, Chiesa R.  
LATE OPEN CONVERSION AFTER ENDOVASCULAR ABDOMINAL AORTIC  
ANEURYSM: DEVICE SPECIFIC SURGICAL APPROACH  
Atti XXVI Annual Meeting ESVS 2012; 133  
Bologna, 19-21 Settembre 2012



- 8) Melissano G, Marone E.M, Tshomba Y, **Mascia D**, Kahlberg A, Chiesa R.  
TECHNIQUE FOR SAFE OPEN CONVERSION AFTER FAILED EVAR AND TEVAR  
Atti Veith Symposium  
New York, 14-18 Novembre 2012
- 9) Melissano G, Tshomba Y, **Mascia D**, Kahlberg A, Marone E.M, Chiesa R.  
OPEN AND ENDOVASCULAR REPAIR OF PARA-ANASTOMOTIC ANEURYSMS  
Atti Veith Symposium  
New York, 14-18 Novembre 2012
- 10) Chiesa R, Marone E.M, **Mascia D**.  
AAA VIDEO & TECHNIQUE  
Atti CACVS – Abstracts book  
Parigi, 24 gennaio 2014
- 11) **Mascia D**, Tshomba Y, Kahlberg A, Civilini E, Marone E.M, Melissano G, Chiesa R.  
INDUCED HYPOTENSION AND PRECISION OF LANDING IN TEVAR:  
COMPARISON BETWEEN FAST CARDIAC STIMULATION AND NITRATE  
DERIVATIVES/INTRAVENOUS SODIUM NITROPRUSSIDE  
Atti Annual Meeting French Society for Vascular Surgery (SCV)  
Annals of Vascular Surgery 2014, vol. 28(6): 1372-1373.
- 12) Kahlberg A, Tshomba Y, **Mascia D**, Cilli G, Miloro R, Melissano G, Chiesa R.  
RIVASCOLARIZZAZIONE « SUTURELESS » DEI VASI VISCERALI DURANTE  
SOSTITUZIONE CHIRURGICA OPEN DELL'AORTA TORACO-ADDOMINALE  
The Italian Journal of Vascular and Endovascular Surgery 2015, Vol. 22(1) N° 3 : 9.  
Atti XIV Congresso Nazionale SICVE  
Milano, 4-6 Ottobre 2015
- 13) Rinaldi E, Tshomba Y, Bertoglio L, Kahlberg A, **Mascia D**, Melissano G, Chiesa R.  
RE-INTERVENTI PER MIGRAZIONE DISTALE TARDIVA DOPO TRATTAMENTO  
ENDOVASCOLARE DELL'AORTA TORACICA  
The Italian Journal of Vascular and Endovascular Surgery 2015, Vol 22(1)N°3 : 11-12  
Atti XIV Congresso Nazionale SICVE  
Milano, 4-6 Ottobre 2015
- 14) Tshomba Y, Leopardi M, Rinaldi E, Baccellieri D, **Mascia D**, Melissano G, Chiesa R.  
POSSIBILI COMPLICANZE LEGATE AL REIMPIANTO VISCERALE IN CORSO DEL  
TRATTAMENTO IBRIDO DEGLI ANEURISMI TORACO-ADDOMINALI  
The Italian Journal of Vascular and Endovascular Surgery 2015, Vol 22(1)N°3 :12-13.  
Atti XIV Congresso Nazionale SICVE  
Milano, 4-6 Ottobre 2015

- 15) **Mascia D**, Bertoglio L, Apruzzi L, Tshomba Y, Melissano G, Chiesa R.  
IPOTENSIONE E PRECISIONE D'ATTERRAGGIO DURANTE TEVAR : CONFRONTO  
TRA RAPID PACING E FARMACI NITRODERIVATI  
The Italian Journal of Vascular and Endovascular Surgery 2015, Vol 22(1)N°3 : 15  
Atti XIV Congresso Nazionale SICVE  
Milano, 4-6 Ottobre 2015
- 16) **Mascia D**, Marrocco Trischitta M, Tshomba Y, Kahlberg A, Marone E, Melissano G,  
Chiesa R.  
TRATTAMENTO CHIRURGICO DELLA PATOLOGIA OCCLUSIVA DELL'AORTA  
ADDOMINALE  
The Italian Journal of Vascular and Endovascular Surgery 2015, Vol 22(1)N°3 : 34.  
Atti XIV Congresso Nazionale SICVE  
Milano, 4-6 Ottobre 2015
- 18) Tshomba Y, Pasin L, Kahlberg A, Leopardi M, **Mascia D**, Cilli G, Melissano G,  
Chiesa R.  
TECNICHE E STRATEGIE PER LA PROTEZIONE RENALE DURANTE CHIRURGIA  
APERTA DI ANEURISMI AORTICI PARARENALI  
The Italian Journal of Vascular and Endovascular Surgery 2015, Vol 22(1)N°3 :59  
Atti XIV Congresso Nazionale SICVE  
Milano, 4-6 Ottobre 2015

Milano, 09/05/2016