

Dr. PAOLO SPADA, MD
Vascular and Endovascular Surgeon,
Humanitas Research Hospital
Adjunct Clinical Professor, Humanitas University
President, Evarplanning



● Curriculum Vitae

PERSONAL DATA

Name	Paolo SPADA
Date – Place of Birth	October 31, 1967 – Milan, Italy
Citizenship	Italian
Home Address	Via Emilia, 7A – 20090 Buccinasco (Milan), Italy
Work Address	U.O. Chirurgia Vascolare – IRCCS Istituto Clinico Humanitas Via Manzoni, 56 - 20089 Rozzano (Milan), Italy
Telephone	+39 0282244611; mobile: +39 3332153322
E-mail	paolo.spada@humanitas.it paolospad@evarplanning.com
Civil status	Married; three sons.

WORK EXPERIENCE

POSITION	Open-ended contract as Vascular Surgeon since 7 April 1997, with the following functions:
1997 – 1998	ASSISTANT Vascular Surgeon (Assistente), U.O. Chirurgia Vascolare, Prof. Alberto Arpesani, Istituto Clinico Humanitas – Rozzano (Milan).
1998 – 2001	ASSISTANT Vascular Surgeon (Assistente), U.O. Chirurgia Vascolare, Dr. Pierluigi Giorgetti, IRCCS Istituto Clinico Humanitas – Rozzano (Milan).
2001 – 2004	SENIOR Vascular Surgeon (Aiuto), U.O. Chirurgia Vascolare, Dr. Pierluigi Giorgetti, IRCCS Istituto Clinico Humanitas – Rozzano (Milan).
2004 - 2019	SENIOR Vascular Surgeon (Aiuto, with functions of Deputy Head), U.O. Chirurgia Vascolare II, Dr.ssa Mariagrazia Bordonni, IRCCS Istituto Clinico Humanitas, Humanitas Research Hospital – Rozzano (Milan).
2019- current	SENIOR Vascular Surgeon (Aiuto) U.O. Chirurgia Vascolare, prof. Efrem Civilini, IRCCS Istituto Clinico Humanitas, Humanitas Research Hospital – Rozzano (Milan).

SURGICAL ACTIVITIES Over twenty-five years of hospital experience in vascular surgery and over 4000 interventions, most performed as FIRST SURGEON, in all fields of traditional vascular and endovascular surgery, including:

- open and endovascular abdominal and thoracic aortic procedures;
- carotid surgery;
- open and endovascular procedures on femoral and peripheral district;
- open and endovascular procedures for haemodialytic access;

- venous procedures, including RF ablations.

Since 2001 first vascular surgeon on call at the EAS (Highly Specialised Emergency Department), Istituto Clinico Humanitas – Rozzano (Milan).

In the outpatient setting, vascular surgery clinics and Echo-Color-Doppler ultrasound of all arterial and venous districts, as well as intravenous sclerotherapy.

EDUCATION

HIGH SCHOOL	Liceo Scientifico “A. Einstein”, Milan. Maturità scientifica, 1986. Final mark: 56/60.
MEDICAL SCHOOL	Università degli Studi di Milano, Facoltà di Medicina e Chirurgia – Milan, 1986-1993.
INTERNSHIP	Internship in general and vascular surgery, Istituto di Chirurgia Generale e Cardiovascolare, Ospedale Maggiore Policlinico – Milan 1990-1993.
MEDICAL GRADUATION	Doctor in Medicine and Surgery, Università degli Studi di Milano, thesis supervisor Prof. Ugo Ruberti, 10/15/1993. Final mark: 110/110 e lode.
POST-GRADUATE CLINICAL TRAINING	Istituto di Chirurgia Generale e Cardiovascolare, Ospedale Maggiore Policlinico – Prof. Ugo Ruberti – Milan, 1993-1997. Postgraduate training in Extracorporeal Circulation, Centro Cardiologico Monzino, Prof. Paolo Biglioli – Milan, 1995.
SPECIALISATION	Specialisation in Vascular Surgery, Università degli Studi di Milano, Prof. Ugo Ruberti, 11/13/1998. Final mark: 100/100 e lode.
OTHER EDUCATIONAL ACTIVITIES	Post-Graduate Course Aortic Surgery Symposium, Mount Sinai School of Medicine - New York, April – May 1998. ATLS (Advanced Trauma Life Support) Course for Doctors, American College of Surgeons, April 2002 – January 2006. Fenestrated AAA Endovascular Graft Workshop, Hopital Cardiologique, Lille (France), dr. Stephan Haulon – Lille, February 2007. Workshop: Guidelines for measurement and choice of a thoracic endograft, Casa di Cura Polispecialistica Pederzoli – Peschiera del Garda, April 2007. Workshop on Peripheral revascularization with in-situ saphenous vein, Ospedale San Martino, Prof. Palumbo – Genoa, May 2008. Gore Advanced AAA workshop – Reggio Emilia, June 2008. Anaconda Stent Graft Implant Workshop, Divisione di Chirurgia Vascolare, Prof. A. Stella – Bologna, March 2009. Gore Advanced AAA Workshop – Varese, May 2011. ILS – Immediate Life Support, Italian Resuscitation Council, Istituto Clinico Humanitas – Rozzano, May 2012. European Society for Vascular Surgery XXVII Annual Meeting – Budapest, September 2013. Physician education training course for endoleaks embolization with Onyx, Prof. Thomas Larzon, Universitetssjukhuset – Orebro (Sweden), November 2013. TEVAR Expert Forum – Rome, November 2014. Thoracic Endovascular Aortic Technologies – Galway (Ireland), November 2015. Gore Advanced Thoracic Symposium – Milan, November 2015. Clarivein Training Course – Rovereto, March 2017. ILS – Immediate Life Support, Italian Resuscitation Council, Istituto Clinico Humanitas – Rozzano, November 2017. CX Charing Cross International Symposium – London, April 2018. Gore Advanced Thoracic Symposium, Insight into Aortic Diseases 2 – Milan, March 2019

SCIENTIFIC, ACADEMIC, AND RESEARCH ACTIVITIES

Member of the Società Italiana di Chirurgia Vascolare ed Endovascolare (SICVE).
Member of the European Society for Vascular and Endovascular Surgery (ESVS).

TEACHING ACTIVITIES

1995-1996 TUTOR for Integrated Course in Internal Medicine and General Surgery, degree course in Medicine and Surgery, Università degli Studi di Milano.

2006-2015	TUTOR for clinical clerkship, degree course in Medicine and Surgery, Università degli Studi di Milano, Istituto Clinico Humanitas – Rozzano (Milan).
2015-2017	TUTOR for clinical clerkship, degree course in Medicine and Surgery, Humanitas University – Rozzano (Milan).
2017-current	ADJUNCT CLINICAL PROFESSOR, degree course in Medicine and Surgery, Humanitas University – Rozzano (Milan).
MAIN RESEARCH PROJECT AND AWARDS	<p>Author and developer of EVARplanning®, computerized system for the configuration and rendering of the endovascular aortic implants, based on original algorithms. Founder of the EVARplanning site and web app, with over 1,500 vascular surgeons registered from over 100 countries in the world (over 12,000 access/year) and direct link from 3mensio Vascular software (Pie Medical Inc, Bilthoven, the Netherlands). Partnership also with Laboratory of Biological Structure Mechanics (LaBS), Politecnico di Milano, and CINECA Supercomputing centre (Bologna).</p> <p>EVARplanning has received the following awards:</p> <ul style="list-style-type: none">• BioUpper Award for new entrepreneurial ideas in the field of life sciences, promoted by Fondazione Cariplo, Novartis and PoliHub – Milan, April 2016.• TechTour Award for top 50 growth and emerging companies in Italy, Italian TechTour, Turin, November 2016.• Seal of Excellence by the European Commission for Horizon 2020, the EU Framework Programme for Research and Innovation 2014-2020, Phase 1 – Brussels, June 2017.• Grant by Regione Lombardia, Innodriver S3, Misura B – Milan, December 2017.• Seal of Excellence by the European Commission for Horizon 2020, the EU Framework Programme for Research and Innovation 2014-2020, Phase 2 – Brussels, April 2018.
EDITORSHIPS/PUBLICATIONS	<p>Spada P, Miani S. Rischio operatorio per interventi di chirurgia vascolare in pazienti affetti da cirrosi epatica. Acts of the XVIII National Congress Società Italiana di Ricerche in Chirurgia – Grado, 1994.</p> <p>S. Albanese, S. Miani, P.L. Vandone, S. Trimarchi, F Varini, P. Spada. Trattamento delle fistole arterovenose a livello del distretto renale. Acts of the VIII SPIGC Congress: – Rimini, 1995.</p> <p>M.G. Bordoni, R. Casana, P. Spada, A. Popovich, G. Poletto, A. Arpesani. Endoarteriectomia renale associata ad interventi di sostituzione protesica dell'aorta addominale. Acts of the XI SPIGC Congress – Milan, 1998.</p> <p>Spada P. Poretti D. Danesino V. Brambilla R. Pedicini V. Brambilla G. Bordoni M.G. Rottura dell'aorta al passaggio toraco-addominale ed aneurisma sottorenale in cirrosi epatica. Un caso di trattamento combinato. Acts of the VIII National Congress of Italian Society of Vascular and Endovascular Surgery (SICVE) – Milan, September 2009.</p> <p>Vercellio G. Spada P. Basiricò A. Brambilla R. Carella G. Bordoni M.G. Just Remove It! Dealing with extensive intramuscular vascular malformations without the parachute of the interventional radiology. Acts of the 19th International Workshop on Vascular Anomalies – Malmö, Sweden, June 2012.</p> <p>G.Carella, F. Stilo, M.Giardina, P. Spada, M. Bordoni, F. Spinelli, A. David. Coronary Artery Disease, Cardiac Arrest and Bypass Surgery: Risk Factors, Health Effects and Outcomes Chapter 9 - The Surgical Choice for Treatment of Critical Limbs Ischemia (pp.195-210) Pub. Date: 2012 ISBN: 978-1-62100-976-4.</p> <p>P Spada, G Carella, V Danesino, MG Bordoni. Electronic Algorithm for the Planning of EVAR, Acts of the XIII National Congress of Italian Society of Vascular and Endovascular Surgery (SICVE), Turin, October 2014.</p> <p>Spada P. Planning the aortic implant with EVARplanning, Vascular News, Charing Cross Special Edition, March 2015.</p> <p>Spada P. Introducing EVARplanning. Cardio Vascular Challenges 2015, Jeddah, Saudi Arabia, Conference acts, April 2015.</p> <p>P Spada, G Carella, V Danesino, MG Bordoni. EVARplanning, from the Algorithm to the Web App, Acts of the XIV National Congress of Italian Society of Vascular and Endovascular Surgery (SICVE), October 2015.</p> <p>P.Spada, G. Pennati, S. Bnà, M. Raspe, M. Bordoni. Should we share pre-operative EVAR planning in a community? 2017 ESVB (European Symposium on Vascular Biomaterials) Conference Book Chapter – Strasbourg, October 2017.</p> <p>Spada P, Silvestri G. Beyond vascular surgery: a general overview from the web. J Cardiovasc Surg 2021;62:571-2. DOI: 10.23736/S0021-9509.21.12000-2)</p> <p>Gitto M, Brizzi S, Cozzi O, Gohar A, Maurina M, Spada P, Mangieri A, Reimers B, Gasparini GL, Regazzoli D. Radial artery pseudoaneurysm complicating distal transradial access for chronic total occlusion recanalization. Cardiovasc Revasc Med. 2022 Feb 24: S1553-8389(22)00101-4. doi: 10.1016/j.carrev.2022.02.019. Epub ahead of print. PMID: 35227631.</p>

2020-current

EDITOR IN CHIEF of Facebook Page “Pillole di Ottimismo”, with virologist Prof. Guido Silvestri (Professor & Chair Department of Pathology and Laboratory Medicine Emory University, Atlanta, GA, USA) and Sara Gandini (PhD Director, Department of Experimental Oncology, IEO, Milan, Italy).

**PERSONAL SKILLS AND
COMPETENCES**

MOTHER TONGUE
OTHER LANGUAGE

ITALIAN
ENGLISH
CEFR levels: Understanding: B2; Speaking: B2; Writing: C1

CAPACITÀ E COMPETENZE
ORGANIZZATIVE

COORDINATOR of “Medication Management and Use” Working Group, Istituto Clinico Humanitas, 2008-2009.
RESPONSIBLE for Permanent Observatory on Medications, Istituto Clinico Humanitas, 2009-2011 for Joint Commission International Accreditation.
As a MEMBER of the Vascular Multidisciplinary Group of the Istituto Clinico Humanitas, he developed and promoted the Algorithms for the Diagnosis and Treatment shared in the group in 2013-2014. In the same period he also re-organized the endovascular materials management in the operating rooms and promoted a synergy plan between the two Vascular Units.
QUALITY REFERENT in Vascular Surgery Unit, 1997-2004 and Vascular Surgery Unit II 2004-2017.
TRAINER PHYSICIAN for Joint Commission International accreditation surveys, Istituto Clinico Humanitas, 2004-2006 and 2007-2009.
MEMBER of Quality Team, Istituto Clinico Humanitas, 2008-2014.
FOUNDER and Chief Executive Officer at EVARplanning Srl – Buccinasco (Milan), 2017.
PRESIDENT at EVARplanning Srl – Buccinasco (Milan), 2018.

COMPUTER SKILLS AND
COMPETENCES

Deep knowledge and use of IT tools, office programs and graphic applications, also aimed at diagnostic imaging and 3D reconstruction, in Windows and OSX. Coding skills in HTML, Javascript, Python (basic) and specific experience in processing and writing complex algorithms. Webmaster, Google Analytics.

ARTISTIC COMPETENCES

Composer and author of music, registered at the SIAE since 1989 (pos.186977). Many years of activity in the recording studio and in concert with the Inland Sea ensemble, releasing three albums for Palbertmusic and My Place Records editions (2008-2012). Awarded as an author at the Festival of Saint Vincent 2009. Sound engineering (Cubase, Logic Pro). Honorary member of the cultural association Arténergia, Buccinasco (Milan).

OTHER SKILLS AND
COMPETENCES

Competitive experience in road racing, with participation in 5 national and international marathons for the Road Runners Club of Milan (personal best: 3h 06' at the Milan City Marathon on 8/10/2006).

DRIVING LICENCE

B

FURTHER INFORMATION

Volunteer EMT at the Croce Bianca of Milan from 1986 to 1989 (team leader). Military service at the Italian Red Cross in Milan (1989-1990).

The undersigned is aware that, pursuant to art. 26 of law 15/68, false declarations, false documents and the use of false deeds are punished according to the penal code and special laws. Furthermore, the undersigned authorizes the processing of personal data, according to the provisions of Law 196/03.

Milan, 4 March 2022

Paolo Spada

