

# CURRICULUM VITAE

## ROBERTO SANFILIPPO

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### WORK EXPERIENCES

From 2nd january 2004	Researcher in Vascular Surgery at the University of Cagliari
From 2nd january 2004	Healthcare activity at the Cagliari University Hospital Trust (formerly Monserrato University Hospital) – S.S.D. of Vascular Surgery (formerly Vascular and Thoracic Surgery Unit)
From 2nd november 2022	Associate Professor in Vascular Surgery at the University of Cagliari
From 1st november 2020	Deputy Head of the S.S.D. of Vascular Surgery of the Cagliari University Hospital Trust
From 1st February 2024	Head of the S.S.D. of Vascular Surgery of the Cagliari University Hospital Trust

### EDUCATION

27th october 1995	Degree in Medicine and Surgery at the University of Cagliari with a grade of 110/110 and honors
23rd december 2000	Specialization in Vascular Surgery at the University of Cagliari with a grade of 50/50 and honors

### ORGANIZATION OR PARTICIPATION IN CONFERENCES AS A SPEAKER OR MODERATOR

- LE COMPLICANZE NEL TRATTAMENTO ENDOVASCOLARE DELL'AAA – V Congresso “Controversie e attualità in Chirurgia Vascolare: insuccessi e complicanze” – Roma, Istituto Dermopatico Dell’Immacolata – 2-4 aprile 2000
- DIAGNOSTICA VASCOLARE NON INVASIVA E SPESA SANITARIA – II Congresso nazionale SICVE – Cagliari, 23-26 ottobre 2002
- CT-ANGIOGRAPHY NELLA VALUTAZIONE DELLA PLACCA CAROTIDEA - II Congresso nazionale SICVE – Cagliari, 23-26 ottobre 2002
- AGENESIA DELLA VENA CAVA SUPERIORE – CASE REPORT - II Congresso nazionale SICVE – Cagliari, 23-26 ottobre 2002

- BENDAGGIO ELASTICO E RIGIDO – I MATERIALI – 1° Corso teorico-pratico di elasto e pneumocompressione – Cagliari, 28 maggio 2004
- Facente parte del Comitato Organizzatore del 1° Corso teorico-pratico di elasto e pneumocompressione – Cagliari, 28 maggio 2004
- LA TERAPIA FARMACOLOGICA DEL PAZIENTE CON ULCERE ARTERIOSE – Congresso “Ulcere, piaghe e gestione del paziente allettato” (SIFCS Sardegna) – Cagliari, 21-22 ottobre 2005
- I DERIVATI DELLA PROSTACICLINA: IN QUALI STADI DELL’ARTERIOPATIA SONO EFFICACI? – Congresso “Angiologia e Patologia Vascolare in Sardegna – Cagliari, 16-17 dicembre 2005
- UN CASO DI MORBO DI POTT ASSOCIATO AD ANEURISMA DELL’AORTA ADDOMINALE SOTTORENALE – V Congresso Nazionale SICVE – Napoli, 1-4 ottobre 2006
- BYPASS FEMORO-POPLITEO A CROSSOVER NELLE INFEZIONI PROTESICHE INGUINO-CRURALI – V Congresso Nazionale SICVE – Napoli, 1-4 ottobre 2006
- IL TUMORE DEL GLOMO CAROTIDEO: NOSTRA CASISTICA - V Congresso Nazionale SICVE – Napoli, 1-4 ottobre 2006
- CAUSE NON VENOSE DI ULCERA CUTANEA – 11° Congresso Nazionale CIF – Chia, 4-6 ottobre 2007
- LA TERAPIA FARMACOLOGICA DELL’ISCHEMIA CRITICA: UTILITA’ E LIMITI – XVIII Congresso nazionale ANCE – Domus De Maria – Chia Laguna, 16-19 ottobre 2008
- STUDY OF FEMORAL ARTERIES BY USING MULTIDETECTOR ROW CT ANGIOGRAPHY - Radiological Society of North America Scientific Assembly and Annual Meeting - Chicago, 30 novembre-5 dicembre 2008
- FAV TRAUMATICHE – VI Congresso regionale SIFCS – Arborea, 10 ottobre 2009 • Facente parte del Comitato Organizzatore del VI Congresso regionale SIFCS – Arborea, 10 ottobre 2009
- ANEURISMA DELLA VENA POPLITEA – Congresso “Aggiornamenti in patologia vascolare: protocolli diagnostico-terapeutici” – Chia, 22-23 maggio 2009
- LE MEDICAZIONI AVANZATE – VII Congresso regionale SIFCS – Nuoro, 2 ottobre 2010
- LA CHIRURGIA VASCOLARE NEL SALVATAGGIO D’ARTO – 1° Congresso “Complicanze chirurgiche delle malattie metaboliche e vascolari e processi del salvataggio d’arto” – Olbia, 10 giugno 2011
- ENDARTERECTOMIA CAROTIDEA NEGLI AOTTUAGENARI – 1° Congresso regionale SIAPAV – Cagliari, 18-19 maggio 2012
- LA COMPRESSIONE ULTRASONOGRAFICA – URGENZE/EMERGENZE VASCOLARI – COMPLICANZE VASCOLARI PERIPROCEDURALI – Corso SIEC di alta specialità in ecografia cardiovascolare multidistrettuale in area critica – Cagliari, 27-29 giugno 2017
- EVAR: HISTORY AND EVOLUTION – International Symposium “EVAR AND TEVAR: INDICATIONS AND COMPLICATIONS” – Cagliari, 11 luglio 2017
- Facente parte del Comitato Organizzatore del Simposio Internazionale “EVAR AND TEVAR: INDICATIONS AND COMPLICATIONS” – Cagliari, 11 luglio 2017
- Moderatore su invito Congresso Internazionale “The Fil Rouge Of

Atherosclerosis: From Brain To Heart Imaging” – Cagliari 17-18 ottobre 2019 –  
 Sessione “Imaging and therapies: guidelines and current insights. What is the correct  
 therapeutical approach: best medical treatment, interventional radiology, carotid  
 endarterectomy?”

- Discussant su invito Congresso Internazionale “The Fil Rouge Of  
 Atherosclerosis: From Brain To Heart Imaging – Second Edition” – Cagliari 4-5  
 november 2021 – Round Table “Old and new guidelines, potential of and  
 information from imaging. What is the right strategy to optimize stroke  
 prevention? Multi-modality guided Expert panel”

**MANAGEMENT OR  
 PARTICIPATION IN  
 THE ACTIVITIES OF A  
 RESEARCH GROUP  
 CHARACTERIZED BY  
 COLLABORATIONS AT  
 A NATIONAL OR  
 INTERNATIONAL  
 LEVEL**

- From 2001 to 2002: responsible for the research project “Prevention and  
 treatment of patients with atherosclerotic metabolic diseases” funded by the  
 Health Department of the Autonomous Region of Sardinia (minutes no. 1 of  
 24/4/2001 of the Council of the Department of Surgical Sciences and Organ  
 Transplants of the University of Cagliari)
- From 2004 to 2010: Responsible for the trial entitled “An Evaluation of the Tri-  
 Vascular Stent-graft in the Treatment of Abdominal Aortic Aneurysms” (Prot.  
 DGFDM VI-15745) which concluded, as patient enrollment, in 2005 by unilateral  
 decision of Boston Scientific and the Ministry of Health, and in 2010 as follow-up.  
 The preliminary results were presented at the III National SICVE Congress, Turin,  
 27-29 September 2004, and published in an abstract entitled “Treatment of  
 abdominal aortic aneurysms with Tri-Vascular endoprosthesis: preliminary  
 results” in the Italian Journal of Vascular and Endovascular Surgery, supplement  
 to issue 3, vol. 11, 2004.
- Participation in the international study (Turin, Rochester, London, Cagliari,  
 Roseville - California) for the development of a software for an accurate  
 ultrasonographic measurement of IMT, concluded with the publication  
 “Completely Automated Multiresolution Edge Snapper—A New Technique for an  
 Accurate Carotid Ultrasound IMT Measurement: Clinical Validation and  
 Benchmarking on a Multinstitutional Database” - Molinari, F., Pattichis, C.S.,  
 Zeng, G., Saba, L., Acharya, U.R., Sanfilippo, R., Nicolaides, A., Suri, J.S. - IEEE  
 TRANSACTIONS ON IMAGE PROCESSING, VOL. 21, NO. 3, MARCH 2012, pages  
 1211-1222
- Participation in the international study (Rome, Turin, Baltimore, Stanford,  
 Cagliari) aimed at identifying vulnerable carotid plaque and, in particular, the CT  
 characteristics of intraplaque hemorrhage, which produced the following  
 scientific works published in journals:
  - Porcu, M., Anzidei, M., Suri, J.S., A Wasserman, B., Anzalone, N.,  
 Lucatelli, P., Loi, F., Montisci, R., Sanfilippo, R., Rafailidis, V., Saba, L. -  
 Carotid artery imaging: The study of intra-plaque vascularization and  
 hemorrhage in the era of the “vulnerable” plaque - (2019) Journal of  
 Neuroradiology, vol. 47, p. 464-472
  - Saba, L., Francone, M., Bassareo, P.P., Lai, L., Sanfilippo, R., Montisci, R.,  
 Suri, J.S., Cecco, C.N.D., Faa, X.G. - CT attenuation analysis of carotid  
 intraplaque hemorrhage - (2018) American Journal of Neuroradiology,  
 39 (1), pp. 131-137

- Saba, L., Anzidei, M., de Cecco, C.N., Porcu, M., Balestrieri, A., Sanfilippo, R., Francone, M., Mereu, A., Lucatelli, P., Montisci, R., Suri, J.S., Wintermark, M. - Carotid artery intra-plaque attenuation variability using computed tomography - (2016) Neurovascular Imaging, 2 (1), art. no. 12

**RESPONSIBILITY FOR SCIENTIFIC STUDIES AND RESEARCH ENTRUSTED BY QUALIFIED PUBLIC OR PRIVATE INSTITUTIONS**

- Head of the project "Prevention of ischemic stroke: early diagnosis of carotid disease at risk of ischemia in the population of the Cagliari area", financed by the Fondazione Banco di Sardegna (currently "Fondazione di Sardegna") with a contribution of 35,000 euros, approved with note no. 918 of 27 June 2008 of the aforementioned Foundation, with the patronage of the Health Department of the Sardinia Region.
- Co-investigator in the research entitled "Identification of the vulnerability and heterogeneity characteristics of the carotid plaque using advanced CT-radiomic imaging techniques" funded with 110,000 euros by the Autonomous Region of Sardinia and approved by the University Hospital of Cagliari with resolution no. 207 of 13/2/2020 after a favorable opinion from the Ethics Committee.
- Co-investigator in the research entitled "Advanced MR imaging in the detection of intraplaque hemorrhage and features of vulnerability" funded with 78,550 euros by the Fondazione di Sardegna and approved by the University of Cagliari.

**AWARDS AND RECOGNITIONS FOR SCIENTIFIC ACTIVITY**

- 2007: RADIOLOGICAL SOCIETY OF NORTH AMERICA Award - Certificate of Merit RSNA for the Exhibit: "How to study carotid arteries by using multi-detector row CT: correlation with surgery" presented at the 93rd Scientific Assembly and Annual Meeting of the Radiological Society of North America – 25-30 November 2007
- 2007: RADIOLOGICAL SOCIETY OF NORTH AMERICA Award - Certificate of Merit RSNA for the Exhibit: "Multi-Detector-Row CT Angiography in the study of carotid endarterectomy" presented at the 93rd Scientific Assembly and Annual Meeting of the Radiological Society of North America – Chicago, 25-30 November 2007
- 2007: RADIOLOGICAL SOCIETY OF NORTH AMERICA Award - Certificate of Merit RSNA for the Exhibit: "The study of ulcerated carotid plaque by using multi-detector row CT angiography" presented at the 93rd Scientific Assembly and Annual Meeting of the Radiological Society of North America – Chicago, 25-30 November 2007

**RESULTS OBTAINED IN TECHNOLOGY TRANSFER IN TERMS OF PARTICIPATION IN**

- Co-researcher in the study conducted by Prof. Giovanni Brotzu "Liposomes containing Prostaglandin E1 (PGE1), formulations containing them and their use" (United States Patent Application US 2013/0039975 A1 - Publication date: Feb. 14, 2013; International Patent Application number WO 2013/171668 A1 -

**THE CREATION OF  
NEW ENTERPRISES  
(SPIN OFF),  
DEVELOPMENT, USE  
AND MARKETING OF  
PATENTS**

international publication date 21 november 2013). The study was inspired by the publication "Continuous infusion of Iloprost by elastomeric pump in stage IIb and III peripheral occlusive arterial disease" - Sanfilippo R, Sionis C, Giau MA, Montisci R, Brotzu G - Giornale Italiano di Chirurgia Vascolare, June 2003; 10(2): 121-128. The administration in continuous infusion with an elastomeric pump of the liposomal preparation of PGE1 occurred in patients in stage III and IV of AOCP, in particular in subjects affected by diabetic arteriopathy, and was associated with local application on trophic lesions when present. The topical formulation, unexpectedly, proved to be extremely effective in patients affected by androgenetic alopecia for which the study was subsequently redirected towards the dermatological area until the formulation was patented, acquired by a well-known pharmaceutical company and then marketed.

**SPECIFIC  
PROFESSIONAL  
EXPERIENCE  
CHARACTERIZED BY  
RESEARCH ACTIVITIES  
RELATED TO THE  
COMPETITION  
SECTOR**

- From 2/1/2004 (taking up service as a Researcher in Vascular Surgery at the University of Cagliari and, for the healthcare part, at the S.S.D. of Vascular Surgery of the Cagliari University Hospital Trust) has performed, as first operator, both elective and emergency, approximately 300 carotid endarterectomy procedures, 250 revascularization procedures of the femoro-popliteal-tibial district (both surgical, endovascular and hybrid), 100 procedures on the aorto-iliac district, both open and endovascular (stenting, EVAR), for aneurysmal and steno-obstructive pathology, and 30 procedures for the creation/revision of arteriovenous fistula for haemodialysis access. Overall, he has participated in more than 2500 interventions on the arterial district, in most cases as a tutor for colleagues in specialist training in Vascular Surgery. Currently head of the S.S.D. of Vascular Surgery of the Cagliari University Hospital Trust.
- From 2005 to 2008: teaching of Biomaterials (module B) in the Degree Course in Biomedical Engineering
- From 2005 to 2009: teaching of Vascular Surgery and Thoracic Surgery in the "Integrated Course of Respiratory and Cardiovascular Diseases" in the Degree Course in Medicine and Surgery at the University of Cagliari
- From 2005 to 2012: teachings of "Clinical Methodology", "Applied Biomedical Techniques", "General Principles of Surgical Technique" and "Vascular Surgery of the large endothoracic vessels" at the School of Specialization in Thoracic Surgery of the University of Cagliari
- From 2008 to date teachings "Sutures and Prosthetic Material in Vascular Surgery" and "Vascular Access" at the School of Specialization in Vascular Surgery of the University of Cagliari
- From 2008 to 2016 and from 2020 to date teaching "Surgical Anatomy of the Vascular System" at the School of Specialization in Vascular Surgery of the University of Cagliari
- From 2008 to 2014 teaching "General Principles of Surgical Technique" at the

School of Specialization in Vascular Surgery of the University of Cagliari

- From 2013 to 2018: teaching of "Instrumentation and Prosthetic Materials" in the Degree Course in Biomedical Engineering
- From 2016 to date teachings "Non-invasive Vascular Diagnostics" and "Vascular Surgery Techniques in Oncological Surgery" at the School of Specialization in Vascular Surgery of the University of Cagliari
- From 2004 member of the examination board of the integrated course of "Respiratory and Cardiovascular Diseases", equal channel, of the Degree Course in Medicine and Surgery of the University of Cagliari
- From 2020 Professor of Vascular Surgery and Thoracic Surgery, equal channel, in the Degree Course in Medicine and Surgery of the University of Cagliari
- From 2020 Professor of Vascular Surgery and Thoracic Surgery, even channel, in the Degree Course in Medical Radiology Techniques at the University of Cagliari

## SCIENTIFIC PUBLICATIONS

Tanda, E., Casula, M., Ruiu, G., Zappadu, S., Genadiev, .G., Camparini, S., Sanfilippo, R.  
*Hospitalization rate and treatment strategy for critical limb ischemia in south Sardinia during COVID-19*

(2022) Italian Journal of Vascular and Endovascular Surgery, 29 (1), pp. 7-10.

DOI: 10.23736/S1824-4777.21.01527-8

Cau, R., Faa, G., Nardi, V., Balestrieri, A., Puig, J., Suri, J.S., Sanfilippo, R., Saba, L.  
*Long-COVID diagnosis: From diagnostic to advanced AI-driven models*

(2022) European Journal of Radiology, 148, art. no. 110164

DOI: 10.1016/j.ejrad.2022.110164

Saba, L., Nardi, V., Cau, R., Gupta, A., Kamel, H., Suri, J.S., Balestrieri, A., Congiu, T., Butler, A.P.H., Gieseg, S., Fanni, D., Cerrone, G., Sanfilippo, R., Puig, J., Yang, Q., Mannelli, L., Faa, G., Lanzino, G.

*Carotid Artery Plaque Calcifications: Lessons from Histopathology to Diagnostic Imaging*

(2022) Stroke, 53 (1), pp. 290-297

DOI: 10.1161/STROKEAHA.121.035692

Saba, L., Sanfilippo, R., Suri, J.S., Cademartiri, F., Corrias, G., Mannelli, L., Zucca, S., Senis, I., Montisci, R., Wintermark, M.

*Does Carotid Artery Tortuosity Play a Role in Stroke?*

(2021) Canadian Association of Radiologists Journal, 72 (4), pp. 789-796

DOI: 10.1177/0846537121991057

Balestrieri, A., Lucatelli, P., Suri, H.S., Montisci, R., Suri, J.S., Wintermark, M., Serra, A., Cheng, X., Jinliang, C., Sanfilippo, R., Saba, L.

*Volume of White Matter Hyperintensities, and Cerebral Micro-Bleeds*

(2021) Journal of Stroke and Cerebrovascular Diseases, 30 (8), art. no. 105905 - DOI: 10.1016/j.jstrokecerebrovasdis.2021.105905

Saba, L., Agarwal, N., Cau, R., Gerosa, C., Sanfilippo, R., Porcu, M., Montisci, R., Cerrone, G., Qi, Y., Balestrieri, A., Lucatelli, P., Politi, C., Faa, G., Suri, J.S.

*Review of imaging biomarkers for the vulnerable carotid plaque*

(2021) JVS-Vascular Science, 2, pp. 149-158

DOI: 10.1016/j.jvssci.2021.03.001

Porcu, M., Sanfilippo, R., Montisci, R., Balestrieri, A., Suri, J., Wintermark, M., Saba, L.  
*White-matter hyperintensities in patients with carotid artery stenosis: An exploratory connectometry study*

(2020) Neuroradiology Journal, 33 (6), pp. 486-493

DOI: 10.1177/1971400920959323

Porcu, M., Anzidei, M., Suri, J.S., A Wasserman, B., Anzalone, N., Lucatelli, P., Loi, F., Montisci, R., Sanfilippo, R., Rafailidis, V., Saba, L.

*Carotid artery imaging: The study of intra-plaque vascularization and hemorrhage in the era of the “vulnerable” plaque*

(2020) Journal of Neuroradiology, 47 (6), pp. 464-472

DOI: 10.1016/j.neurad.2019.03.009

Saba, L., Lai, L., Lucatelli, P., Sanfilippo, R., Montisci, R., S Suri, J., Faa, G

*Association between carotid artery plaque inflammation and brain MRI*

(2020) Journal of Neuroradiology, 47 (3), pp. 203-209

DOI: 10.1016/j.neurad.2018.10.004

Porcu, M., Garofalo, P., Craboledda, D., Suri, J.S., Suri, H.S., Montisci, R., Sanfilippo, R., Saba, L.

*Carotid artery stenosis and brain connectivity: the role of white matter hyperintensities*

(2020) Neuroradiology, 62 (3), pp. 377-387

DOI: 10.1007/s00234-019-02327-5

Porcu, M., Craboledda, D., Garofalo, P., Columbano, G., Barberini, L., Sanfilippo, R., Zaccagna, F., Wintermark, M., Montisci, R., Saba, L.

*Connectometry evaluation in patients undergoing carotid endarterectomy: an exploratory study*

(2019) Brain Imaging and Behavior, 13 (6), pp. 1708-1718

DOI: 10.1007/s11682-018-0024-9

Saba, L., Micheletti, G., Brinjikji, W., Garofalo, P., Montisci, R., Balestrieri, A., Suri, J.S., DeMarco, J.K., Lanzino, G., Sanfilippo, R.

*Carotid intraplaque-hemorrhage volume and its association with cerebrovascular events*

(2019) American Journal of Neuroradiology, 40 (10), pp. 1731-1737

DOI: 10.3174/ajnr.A6189

Saba, L., Lanzino, G., Lucatelli, P., Lavra, F., Sanfilippo, R., Montisci, R., Suri, J., Yuan, C.  
*Carotid plaque CTA analysis in symptomatic subjects with bilateral intraplaque hemorrhage: A preliminary analysis*

(2019) American Journal of Neuroradiology, 40 (9), pp. 1538-1545

DOI: 10.3174/ajnr.A6160

Porcu, M., Craboledda, D., Garofalo, P., Barberini, L., Sanfilippo, R., Zaccagna, F., Wintermark, M., Montisci, R., Saba, L.

*Reorganization of brain networks following carotid endarterectomy: an exploratory study using resting state functional connectivity with a focus on the changes in Default Mode Network connectivity*

(2019) European Journal of Radiology, 110, pp. 233-241

DOI: 10.1016/j.ejrad.2018.12.007

Saba, L., Francone, M., Bassareo, P.P., Lai, L., Sanfilippo, R., Montisci, R., Suri, J.S., Cecco, C.N.D., Faa, X.G.

*CT attenuation analysis of carotid intraplaque hemorrhage*

(2018) American Journal of Neuroradiology, 39 (1), pp. 131-137

DOI: 10.3174/ajnr.A5461

Saba, L., Sanfilippo, R., Balestrieri, A., Zaccagna, F., Argiolas, G.M., Suri, J., Montisci, R.  
*Relationship between Carotid Computed Tomography Dual-Energy and Brain Leukoaraiosis*

(2017) Journal of Stroke and Cerebrovascular Diseases, 26 (8), pp. 1824-1830

DOI: 10.1016/j.jstrokecerebrovasdis.2017.04.016

Saba, L., Sanfilippo, R., Porcu, M., Lucatelli, P., Montisci, R., Zaccagna, F., Suri, J., Anzidei, M., Wintermark, M.

*Relationship between white matter hyperintensities volume and the circle of Willis configurations in patients with carotid artery pathology*

(2017) European Journal of Radiology, 89, pp. 111-116 -

DOI: 10.1016/j.ejrad.2017.01.031

Saba, L., Sanfilippo, R., di Martino, M., Porcu, M., Montisci, R., Lucatelli, P., Anzidei, M., Francone, M., Suri, J.S.

*Volumetric Analysis of Carotid Plaque Components and Cerebral Microbleeds: A Correlative Study*

(2017) Journal of Stroke and Cerebrovascular Diseases, 26 (3), pp. 552-558  
DOI: 10.1016/j.jstrokecerebrovasdis.2016.11.123

Saba, L., Anzidei, M., de Cecco, C.N., Porcu, M., Balestrieri, A., Sanfilippo, R.,  
Francone, M., Mereu, A., Lucatelli, P., Montisci, R., Suri, J.S., Wintermark, M.  
*Carotid artery intra-plaque attenuation variability using computed tomography*  
(2016) Neurovascular Imaging, 2 (1), art. no. 12  
DOI: 10.1186/s40809-016-0023-4

Lucatelli, P., Montisci, R., Sanfilippo, R., Sacconi, B., Suri, J.S., Catalano, C., Saba, L.  
*Is there an association between leukoaraiosis volume and diabetes?*  
(2016) Journal of Neuroradiology, 43 (4), pp. 273-279  
DOI: 10.1016/j.neurad.2015.11.003

Lecca, M., Saba, L., Sanfilippo, R., Pintus, E., Cadoni, M., Sancassiani, F., Moro, M.F.,  
Craoledda, D., Giudice, C.L., Montisci, R.  
*Quality of life in carotid atherosclerosis: The role of co-morbid mood disorders*  
(2016) Clinical Practice and Epidemiology in Mental Health, 12, pp. 1-8  
DOI: 10.2174/1745017901612010001

Anzidei, M., Suri, J.S., Saba, L., Sanfilippo, R., Laddeo, G., Montisci, R., Piga, M.,  
Argiolas, G.M., Raz, E.  
*Longitudinal assessment of carotid atherosclerosis after Radiation Therapy using  
Computed Tomography: A case control Study*  
(2015) European Physical Journal C, 75 (12), pp. 72-78  
DOI: 10.1007/s00330-015-3753-9

Carta, M.G., Lecca, M.E., Saba, L., Sanfilippo, R., Pintus, E., Cadoni, M., Sancassiani, F.,  
Moro, M.F., Craoledda, D., Giudice, C.L., Finco, G., Musu, M., Montisci, R.  
*Patients with carotid atherosclerosis who underwent or did not undergo carotid  
endarterectomy: Outcome on mood, cognition and quality of life*  
(2015) BMC Psychiatry, 15 (1), art. no. 277  
DOI: 10.1186/s12888-015-0663-y

Saba, L., Raz, E., Di Martino, M., Suri, J.S., Montisci, R., Sanfilippo, R., Piga, M.  
*Is there an association between asymmetry of carotid artery wall thickness (ACAWT)  
and cerebrovascular symptoms?*  
(2015) International Journal of Neuroscience, 125 (6), pp. 456-463  
DOI: 10.3109/00207454.2014.948116

Lucatelli, P., Fanelli, F., Cirelli, C., Sacconi, B., Anzidei, M., Montisci, R., Sanfilippo, R.,  
Tamponi, E., Catalano, C., Saba, L.  
*Carotid endarterectomy versus stenting: Does the flow really change? An Echo-Color-  
Doppler analysis*

(2015) International Journal of Cardiovascular Imaging, 31 (4), pp. 773-781  
DOI: 10.1007/s10554-015-0623-0

Saba, L., Argiolas, G.M., Sumer, S., Siotto, P., Raz, E., Sanfilippo, R., Montisci, R., Piga, M., Wintermark, M.

*Association between internal carotid artery dissection and arterial tortuosity*

(2015) Neuroradiology, 57 (2), pp. 149-153

DOI: 10.1007/s00234-014-1436-x

Saba, L., Argiolas, G.M., Raz, E., Sanna, S., Suri, J.S., Siotto, P., Sanfilippo, R., Montisci, R., Piga, M., Wintermark, M.

*Carotid artery dissection on non-contrast CT: Does color improve the diagnostic confidence?*

(2014) European Journal of Radiology, 83 (12), pp. 2288-2293

DOI: 10.1016/j.ejrad.2014.09.001

Saba, L., Montisci, R., Famiglietti, L., Tallapally, N., Acharya, U.R., Molinari, F., Sanfilippo, R., Mallarini, G., Nicolaides, A., Suri, J.S.

*Automated analysis of intima-media thickness: Analysis and performance of CARES 3.0*

(2013) Journal of Ultrasound in Medicine, 32 (7), pp. 1127-1135

DOI: 10.7863/ultra.32.7.1127

Saba, L., Tallapally, N., Gao, H., Molinari, F., Anzidei, M., Piga, M., Sanfilippo, R., Suri, J.S.

*Semiautomated and automated algorithms for analysis of the carotid artery wall on computed tomography and sonography: A correlation study*

(2013) Journal of Ultrasound in Medicine, 32 (4), pp. 665-674

DOI: 10.7863/jum.2013.32.4.665

Saba, L., Sanfilippo, R., Montisci, R., Suri, J.S., Mallarini, G.

*Carotid artery wall thickness measured using CT: Inter- and intraobserver agreement analysis*

(2013) American Journal of Neuroradiology, 34 (2), pp. E13-E18

DOI: 10.3174/ajnr.A2796

Montisci, R., Sanfilippo, R., Bura, R., Branca, C., Piga, M., Saba, L.

*Status of the circle of willis and intolerance to carotid cross-clamping during carotid endarterectomy*

(2013) European Journal of Vascular and Endovascular Surgery, 45 (2), pp. 107-112

DOI: 10.1016/j.ejvs.2012.11.012

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