

PERSONAL INFORMATION

Serena Carriero
CRRSRN93L60C632Z



E-mail

Nationality Italian

EDUCATION AND TRAINING

- 11/2019 – 11/2023 **Residency in Diagnostic and Interventional Radiology, University of Milan, Italy**
Final evaluation score: 70 cum laude/70
Supervisor: Prof. Gianpaolo Carrafiello MD
- 2018 - 2019 **Board to Medical profession, Milan, Italy**
- 09/2012 - 09/2018 **Degree in Medicine and Surgery, University of Milan. Italy**
Final evaluation score: 110/110
Supervisor: Prof. Francesco Sardanelli MD
- 2007 - 2012 **Scientific High School Diploma**
Liceo scientifico Leonardo Da Vinci, Pescara, Italy

WORK EXPERIENCE

- 01/2024-present **Radiology Consultant, Radiology Unit and Breast Radiology Unit**
Fondazione IRCCS Cà Granda, Ospedale Maggiore Policlinico, University of Milan, Milan (Italy)
Prof. Gianpaolo Carrafiello MD
- 09/2023-12/2023 **Freelance Physician, Radiology Unit**
Fondazione IRCCS Cà Granda, Ospedale Maggiore Policlinico, University of Milan, Milan (Italy)
Prof. Gianpaolo Carrafiello MD
- 09/2023-10/2023 **Radiology Resident, Diagnostic Radiology, Breast Unit**
IRCCS Istituto Europeo di Oncologia, Milan (Italy)
Enrico Cassano MD
- 05/2023- 08/2023 **Visiting Research and Clinical Fellow, Breast Unit**
Department of Radiology, University of Cambridge, Cambridge Biomedical Campus, Cambridge (UK)
Prof. Fiona J Gilbert MD, MBChB, DMRD
- 01/2023- 04/2023 **Radiology Resident, Diagnostic Radiology**
IRCCS Policlinico di Milano Ospedale Maggiore, Fondazione IRCCS Ca Granda, Università degli studi di Milano. Milan (Italy)
Prof. Gianpaolo Carrafiello MD
- 09/2022– 12/2022 **Radiology Resident, Diagnostic Radiology, Breast Unit**
Istituto Nazionale dei Tumori (INT), Milan (Italy)
Dott. Gianfranco Scaperrotta MD
- 09/2021– 08/2022 **Radiology Resident, Diagnostic and Interventional Radiology**

IRCCS Policlinico di Milano Ospedale Maggiore, Fondazione IRCCS Ca' Granda, University of Milan, Milan (Italy)
Prof. Gianpaolo Carrafiello MD, Prof. Fabio Triulzi MD, Annamaria Ierardi MD

- 07/2021 – 08/2021

Radiology Resident, Diagnostic Radiology
IRCCS Centro Cardiologico Monzino, University of Milan, Milan (Italy)
Gianluca Pontone MD
- 05/2021 – 06/2021

Radiology Resident, Diagnostic Radiology
Ospedale CTO, ASST Pini-CTO, University of Milan, Milan (Italy)
Andrea Zagarella MD
- 11/2020 – 04/2021

Radiology Resident, Diagnostic and Interventional Radiology
ASST Grande Ospedale Metropolitano Niguarda, University of Milan, Milan (Italy)
Prof. Angelo Vanzulli MD
- 11/2019 – 10/2020

Radiology Resident, Diagnostic Radiology
IRCCS Policlinico San Donato, University of Milan, Milan (Italy)
Prof. Francesco Sardanelli, MD; Simone Schiaffino MD

PERSONAL SKILLS

Native Language	Italian				
Other Languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
	English	C1	C1	C1	C1

Levels: A1/2: Basic user - B1/2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

PUBLICATIONS, ORAL PRESENTATIONS, POSTERS

Publications

Paladini A, Spinetta M, Matheoud R, D'Alessio A, Sassone M, Di Fiore R, Coda C, Carriero S, Biondetti P, Laganà D, Minici R, Semeraro V, Sacchetti GM, Carrafiello G, Guzzardi G. Role of Flex-Dose Delivery Program in Patients Affected by HCC: Advantages in Management of Tare in Our Experience. J Clin Med. 2024 Apr 10;13(8):2188. doi: 10.3390/jcm13082188. PMID: 38673461; PMCID: PMC11051074.

Pesapane F, Giambersio E, Capetti B, Monzani D, Grasso R, Nicosia L, Rotili A, Sorce A, Meneghetti L, Carriero S, Santicchia S, Carrafiello G, Pravettoni G, Cassano E. Patients' Perceptions and Attitudes to the Use of Artificial Intelligence in Breast Cancer Diagnosis: A Narrative Review. Life (Basel). 2024 Mar 29;14(4):454. doi: 10.3390/life14040454. PMID: 38672725; PMCID: PMC11051490.

Albano D, Mallardi C, Afat S, Agnolitto PM, Caruso D, Cannella R, Carriero S, Chupetlovska K, Clauser P, D'Angelo T, De Santis D, Dioguardi Burgio M, Dumic-Cule I, Fanni SC, Fusco S, Gatti M, Gitto S, Jankovic S, Karagechev T, Klontzas ME, Koltsakis E, Leithner D, Matšić V, Muscogiuri G, Penkova R, Polici M, Serpi F, Sofia C, Snoj Z, Akinci D'Antonoli T, Vernuccio F, Vieira J, Vieira AC, Wielema M, Zerunian M, Messina C. How young radiologists use contrast media and manage adverse reactions: an international survey. Insights Imaging. 2024 Mar 26;15(1):92. doi: 10.1186/s13244-024-01658-z. PMID: 38530547; PMCID: PMC10965851.

Irmici G, Cè M, Pepa GD, D'Ascoli E, De Berardinis C, Giambersio E, Rabiolo L, La Rocca L, Carriero S, Depretto C, Scaperrotta G, Cellina M. Exploring the Potential of Artificial Intelligence in

Breast Ultrasound. Crit Rev Oncog. 2024;29(2):15-28. doi: 10.1615/CritRevOncog.2023048873. PMID: 38505878.

Ierardi AM, Ascenti V, Lanza C, Carriero S, Amato G, Pellegrino G, Giurazza F, Torcia P, Carrafiello G. Is it a complication or a consequence - a new perspective on adverse outcomes in Interventional Radiology. CVIR Endovasc. 2024 Jan 5;7(1):6. doi: 10.1186/s42155-023-00417-3. PMID: 38180623; PMCID: PMC10769947.

Biondetti P, Ierardi AM, Casiraghi E, Caruso A, Grillo P, Carriero S, Lanza C, Angileri SA, Sangiovanni A, Iavarone M, Guzzardi G, Carrafiello G. Clinical Impact of a Protocol Involving Cone-Beam CT (CBCT), Fusion Imaging and Ablation Volume Prediction in Percutaneous Image-Guided Microwave Ablation in Patients with Hepatocellular Carcinoma Unsuitable for Standard Ultrasound (US) Guidance. J Clin Med. 2023 Dec

Pratesi C, Esposito D, Martini R, Novali C, Zaninelli A, Annese AL, Baggi P, Bellosta R, Bianchini Massoni C, Bonardelli S, Carriero S, Cervelli R, Chisci E, Cioni R, Corvino F, DE Cobelli F, Fanelli F, Fargion AT, Femia M, Freyrie A, Gaggiano A, Gallitto E, Gennai S, Giampalma E, Giurazza F, Grego F, Guazzarotti G, Ierardi AM, Kahlberg AL, Mascia D, Mezzetto L, Michelagnoli S, Nardelli F, Niola R, Lenti M, Perrone O, Piacentino F, Piffaretti G, Pulli R, Puntel G, Puppini G, Rossato D, Rossi M, Silingardi R, Sirignano P, Squizzato F, Tipaldi MA, Venturini M, Veraldi GF, Vizzuso A, Allievi S, Attisani L, Fino G, Ghirardini F, Manzo P, Migliari M, Steidler S, Miele V, Taurino M, Orso M, Cariatì M; Italian Guidelines for Vascular and Endovascular Surgery Collaborators. Guidelines on the diagnosis, treatment and management of visceral and renal arteries aneurysms: a joint assessment by the Italian Societies of Vascular and Endovascular Surgery (SICVE) and Medical and Interventional Radiology (SIRM). J Cardiovasc Surg (Torino). 2023 Nov

Angileri SA, Lanza C, Carriero S, Biondetti P, Ascenti V, Pellegrino G, Caruso A, Carrafiello G, Ierardi AM. Performance and Safety of a Reflux-Control Microcatheter Used to Perform DEB-TACE with LUMITM Beads in HCC Patients: Preliminary Experience. J Clin Med. 2023 Oct

Carriero S, Depretto C, Cozzi A, Della Pepa G, D'Ascoli E, Irmici G, Tamburrano C, Ballerini D, Bonanomi A, Scaperrotta GP. Efficacy and safety of vacuum-assisted excision (VAE) of fibroadenomas: experience in a tertiary centre. Radiol Med. 2023 Aug

Mobini N, Codari M, Riva F, Ienco MG, Capra D, Cozzi A, Carriero S, Spinelli D, Trimboli RM, Baselli G, Sardanelli F. Detection and quantification of breast arterial calcifications on mammograms: a deep learning approach. Eur Radiol. 2023 Oct;33(10):6746-6755. doi: 10.1007/s00330-023-09668-z. Epub 2023 May 9. PMID: 37160426; PMCID: PMC10511622.

Pesapane F, Tantrige P, De Marco P, Carriero S, Zugni F, Nicosia L, Bozzini AC, Rotili A, Latronico A, Abbate F, Origgi D, Santicchia S, Petralia G, Carrafiello G, Cassano E. Advancements in Standardizing Radiological Reports: A Comprehensive Review. Medicina (Kaunas). 2023 Sep 17;59(9):1679. doi: 10.3390/medicina59091679. PMID: 37763797; PMCID: PMC10535385.

Biondetti P, Ascenti V, Shehab A, Ierardi AM, Carriero S, Lanza C, Angileri SA, Guzzardi G, Carrafiello G. Percutaneous Microwave Ablation of Hepatocellular Carcinoma with "Double Fusion" Technique: Technical Note and Single-Center Preliminary Experience. Diagnostics (Basel). 2023 Jul

Ierardi AM, Coppola A, Renzulli M, Piacentino F, Fontana F, Paladini A, Guzzardi G, Semeraro V, Di Stasi C, Giurazza F, Niola R, Stefanini M, Contegiacomo A, Carruba C, Discalzi A, Ciferri F, Carriero S, Lanza C, Biondetti P, Coniglio G, Fonio P, Venturini M, Carrafiello G, Del Giudice C. Effectiveness and Safety of Different Vascular Closure Devices: Multicentre Prospective Observational study. Cardiovasc Intervent Radiol. 2023 Jul;46(7):827-834.

Bergamaschi L, Pavon AG, Angeli F, Tuttolomondo D, Belmonte M, Armillotta M, Sansonetti A, Foà A, Paolisso P, Baggiano A, Mushtaq S, De Zan G, Carriero S, Cramer MJ, Teske AJ, Broekhuizen L, van der Bilt I, Muscogiuri G, Sironi S, Leo LA, Gaibazzi N, Lovato L, Pontone G, Pizzi C, Guglielmo M. The Role of Non-Invasive Multimodality Imaging in Chronic Coronary Syndrome: Anatomical and Functional Pathways. Diagnostics (Basel). 2023 Jun;13(12):2083.

Hörner TM, Ierardi AM, Carriero S, Lanza C, Carrafiello G, McGreevy DT. Emergent vessel embolization for major traumatic and non-traumatic hemorrhage: Indications, tools and outcomes. *Semin Vasc Surg.* 2023 Jun;36(2):283-299.

Lanza C, Carriero S, Biondetti P, Angileri SA, Carrafiello G, Ierardi AM. Advances in Imaging Guidance During Percutaneous Ablation of Renal Tumors. *Semin Ultrasound CT MR.* 2023 Jun;44(3):162-169.

Groenhoff L, De Zan G, Costantini P, Siani A, Ostilio E, Carriero S, Muscogiuri G, Bergamaschi L, Patti G, Pizzi C, Sironi S, Pavon AG, Carriero A, Guglielmo M. The Non-Invasive Diagnosis of Chronic Coronary Syndrome: A Focus on Stress Computed Tomography Perfusion and Stress Cardiac Magnetic Resonance. *J Clin Med.* 2023 May

Mobini N, Codari M, Riva F, Ienco MG, Capra D, Cozzi A, Carriero S, Spinelli D, Trimboli RM, Baselli G, Sardanelli F. Detection and quantification of breast arterial calcifications on mammograms: a deep learning approach. *Eur Radiol.* 2023 May

Ierardi AM, Hohenstatt S, Caranci F, Lanza C, Carriero S, Vollherbst DF, Möhlenbruch MA, Carrafiello G, Paolucci A. Pressure cooker technique in cerebral AVMs and DAVFs: different treatment strategies. *Radiol Med.* 2023 Feb

Piacentino F, Fontana F, Zorzetto G, Saccomanno A, Casagrande S, Franzi F, Imperatori A, Lanza C, Carriero S, Coppola A, Ierardi AM, Carrafiello G, Venturini M. Could Maximum SUV be Used as Imaging Guidance in Large Lung Lesions Biopsies? Double Sampling Under PET-CT/XperGuide Fusion Imaging in Inhomogeneous Lung Uptaking Lesions to Show That it can Make a Difference. *Technol Cancer Res Treat.* 2023 Jan-Dec;22

Lanza C, Carriero S, Buijs EFM, Mortellaro S, Pizzi C, Sciacqua LV, Biondetti P, Angileri SA, Ianniello AA, Ierardi AM, Carrafiello G. Robotics in Interventional Radiology: Review of Current and Future Applications. *Technol Cancer Res Treat.* 2023 Jan-Dec

Carriero S, Lanza C, Pellegrino G, Ascenti V, Sattin C, Pizzi C, Angileri SA, Biondetti P, Ianniello AA, Piacentino F, Lavorato R, Ierardi AM, Carrafiello G. Ablative Therapies for Breast Cancer: State of Art. *Technol Cancer Res Treat.* 2023 Jan-Dec;22

Negrone D, Carriero S, Passarella I, Siani A, Biondetti P, Pizzolante A, Saba L, Guzzardi G. Preliminary Analysis of the Effects of Ad26.COV2.S Vaccination on CT Findings and High Intensive Care Admission Rates of COVID-19 Patients. *Tomography.* 2022 Sep

Costantini P, Perone F, Siani A, Groenhoff L, Muscogiuri G, Sironi S, Marra P, Carriero S, Pavon AG, Guglielmo M. Multimodality Imaging of the Neglected Valve: Role of Echocardiography, Cardiac Magnetic Resonance and Cardiac Computed Tomography in Pulmonary Stenosis and Regurgitation. *J Imaging.* 2022 Oct

Siani A, Perone F, Costantini P, Rodolfi S, Muscogiuri G, Sironi S, Carriero S, Pavon AG, van der Bilt I, van Rosendaal P, Broekhuizen L, Teske A, Cramer MJ, Guglielmo M. Aortic regurgitation: A multimodality approach. *J Clin Ultrasound.* 2022

Guglielmo M, Fusini L, Muratori M, Tamborini G, Mantegazza V, Andreini D, Annoni A, Babbaro M, Baggiano A, Conte E, Carriero S, Formenti A, Guaricci AI, Mancini E, Mollace R, Muscogiuri G, Mushtaq S, Ricci F, Rossi A, Scafuri S, Alushi B, Cau C, Cau R, Cesarano M, Saba L, Rabbat M, Pepi M, Pontone G. Computed tomography predictors of structural valve degeneration in patients undergoing transcatheter aortic valve implantation with balloon-expandable prostheses. *European Radiology.* 2022.

Siani A, Proaspatu M, Lanza G, Irico P, Rodolfi S, Carriero S, Guglielmo M. Petrified heart in a patient with Wolfram Syndrome. *J Public Health Res.* 2022

De Fiori E, Lanza C, Carriero S, Tettamanzi F, Frassoni S, Bagnardi V, Mauri G. The European Institute of Oncology Thyroid Imaging Reporting and Data System for Classification of Thyroid Nodules: A Prospective Study. *J Clin Med.* 2022

Carriero S, Lanza C, Biondetti P, Renzulli M, Bonelli C, Piacentino F, Fontana F, Venturini M, Carrafiello G, Ierardi AM. Imaging-Guided Percutaneous Puncture and Embolization of Visceral Pseudoaneurysms: Feasibility and Outcomes. *J Clin Med*. 2022

Stanca C, Carriero S, Negroni D, Spinetta M, Coda C, Biondetti P, Guzzardi G. Woven EndoBridge in Wide-Neck Bifurcation Aneurysms: Digital Subtraction Angiography at 3-Year Follow-Up. *J Clin Med*. 2022

Longo V, Abruzzese F, Miserocchi V, Carriero S, Gambaro AC, Saba L, Carriero A. Breast cancer and communication: monocentric experience of a self-assessment questionnaire. *J Public Health Res*. 2022

Magni V, Interlenghi M, Cozzi A, Ali M, Salvatore C, Azzena AA, Capra D, Carriero S, Della Pepa G, Fazzini D, Granata G, Monti CB, Muscogiuri G, Pellegrino G, Schiaffino S, Castiglioni I, Papa S, Sardanelli F. Development and Validation of an AI-driven Mammographic Breast Density Classification Tool Based on Radiologist Consensus. *Radiol Artif Intell*. 2022

Brancato B, Peruzzi F, Saieva C, Schiaffino S, Catarzi S, Risso GG, Cozzi A, Carriero S, Calabrese M, Montemezzi S, Zuiani C, Sardanelli F. Mammography self-evaluation online test for screening readers: an Italian Society of Medical Radiology (SIRM) initiative. *Eur Radiol*. 2022

Di Meglio L, Carriero S, Biondetti P, Wood BJ, Carrafiello G. Chest imaging in patients with acute respiratory failure because of coronavirus disease 2019. *Current Opinion in Critical Care*. 2022

Monaco C.G., Zaottini F., Schiaffino S., Villa A., Della Pepa G., Carbonaro L.A., Menicagli L., Cozzi A., Carriero S., Arpaia F., Di Leo G., Astengo D. Correction to: Chest x-ray severity score in COVID-19 patients on emergency department admission: a two-centre study (European Radiology Experimental, (2020).

Cavaliere S., Spinetta M., Zagaria D., Franchi M., Lavazza G., Nardelli F., Serafini A., Leone R., Messina A., Arpaia F., Buccimazza G., Carriero S., D'Angelo F., Stellato E., Giuri G., Balbi M., Preziosa G.C., Parolise M., Pessina C., Romano S., Curti M., Capra D. The impact of COVID-19 pandemic on radiology residents in Northern Italy. *European Radiology*, 2021.

Schiaffino S., Albano D., d, Cozzi A., Messina C., Arioli R., Bnà C., Bruno A., Carbonaro L.A., Carriero A., Carriero S., Danna P.S.C., D'Ascoli E., De Berardinis C., Della Pepa G., Falaschi Z., Gitto S., Malavazos A.E., Mauri G., Monfardini L., Paschè A., Rizzati R., Secchi F., e, Vanzulli A., Tombini V., Vicentin I., Zagaria D., Sardanelli F., Sconfienza L.M. CT-derived chest muscle metrics for outcome prediction in patients with COVID-19. *Radiology*, 2021.

Carpagnano F.A., Eusebi L., Carriero S., Giannubilo W., Bartelli F., Guglielmi G.. Prostate Cancer Ultrasound: Is Still a Valid Tool? *Current Radiology Reports*, 2021.

Schiaffino S., Codari M., Cozzi A., Albano D., Ali M., Arioli R., Avola E., Bnà C., Cariati M., Carriero S., Cressoni M., Danna P.S.C., Della Pepa G., Di Leo G., Dolci F., Falaschi Z., Flor N., Foà R.A., Gitto S., Leati G., Magni V., Malavazos A.E., Mauri G., Messina C., Monfardini L., Paschè A., Pesapane F., Sconfienza L.M., Secchi F., Segalini E., Spinazzola A., Tombini V., Tresoldi S., Vanzulli A., Vicentin I., Zagaria D., Fleischmann D., Sardanelli F.. Machine learning to predict in-hospital mortality in covid-19 patients using computed tomography-derived pulmonary and vascular features. *Journal of Personalized Medicine*, 2021.

Carriero S., Della Pepa G.D., Monfardini L., Vitale R., Rossi D., Masperi A., Mauri G. Role of fusion imaging in image-guided thermal ablations. *Diagnostics*, 2021.

Schiaffino S., Giacomazzi F., Esseridou A., Cozzi A., Carriero S., Mazzaccaro D.P., Nano G., Di Leo G., Spagnolo P., Sardanelli F.. Pulmonary thromboembolism in coronavirus disease 2019 patients undergoing thromboprophylaxis. *Medicina*, 2021.

Mauri G., Orsi F., Carriero S., Della Vigna P., De Fiori E., Monzani D., Pravettoni G., Grosso E., Manzoni M.F., Ansarin M., Giugliano G. Image-Guided Thermal Ablation as an Alternative to Surgery for Papillary Thyroid Microcarcinoma: Preliminary Results of an Italian Experience. *Frontiers in Endocrinology*, 2021.

Brancato B., Peruzzi F., Saieva C., Schiaffino S., Catarzi S., Risso G., Cozzi A., Carriero S., Calabrese M., Montemezzi S., Zuiani C., Sardanelli F. Mammography self-evaluation online test for screening readers: an Italian Society of Medical Radiology (SIRM) initiative. European Radiology 2021.

Cozzi A., Schiaffino S., Della Pepa G., Carriero S., Magni V., Spinelli D., Carbonaro L.A., Sardanelli F. Mri-derived tumour-to-breast volume is associated with the extent of breast surgery. Diagnostics, 2021.

Monaco C.G., Zaottini F., Schiaffino S., Villa A., Della Pepa G., Carbonaro L.A., Menicagli L., Cozzi A., Carriero S., Arpaia F., Di Leo G., Astengo D. Chest x-ray severity score in COVID-19 patients on emergency department admission: a two-centre study. European Radiology Experimental. European Radiology Experimental, 2020.

Schiaffino S., Tritella S., Cozzi A., Carriero S., Blandi L., Ferraris L., Sardanelli F. Diagnostic Performance of Chest X-Ray for COVID-19 Pneumonia during the SARS-CoV-2 Pandemic in Lombardy, Italy. Journal of Thoracic Imaging, 2020.

Oral Presentations

Percutaneous management of Local Breast Cancer Recurrence
PAIRS 2025, Dubai, EAU

Percutaneous treatment of Benign Breast Lesion
PAIRS 2025, Dubai, EAU

Treatment of breast lesion
Atelier di Breast Imaging 2024, Milan

Breast Interventional Radiology: Beyond Diagnosis
51st SIRM National Congress 2024, Milan, Italy

Breast Interventional Radiology: Beyond Diagnosis
51st SIRM National Congress 2024, Milan, Italy

Electroporation Reversible with Calcium Gluconate Injection in the Percutaneous Treatment of Skin Metastases from Ductal Breast Carcinoma: Case Report and Literature Review
Annual Meeting of the SIRM Lombardia Regional Group 2024, Milan, Italy

Preliminary Results of a Prospective Monocentric Pilot Study on the Role of Vacuum Assisted Excision in the Treatment of Ductal Carcinoma In Situ
ECR meeting 2024, Vienna, Austria

Clinical Cases at EUSOBI Young Club lunch symposium
ECR meeting 2024, Vienna, Austria

Efficacy and Safety of Vacuum-Assisted Excision (VAE) for fibroadenomas: a single tertiary center experience
ECR 2023, Vienna, Austria

Obstetric Emergencies: The Pivotal Role Of Interventional Radiology
ESER meeting 2022, Rome, Italy

MRI-Derived Tumour-to-Breast Volume Is Associated with the Extent of Breast Surgery
SIRM Lombardy group Annual Congress 2021, Milan, Italy

Complications of loco-regional therapies
ITANET Spring Meeting 2022, Bologna, Italy

Traslational research in immunotherapy and interventional radiology

IEIC meeting 2022, Varese, Italy

Imaging-Guided Percutaneous Puncture and Embolization of Visceral Pseudoaneurysms:
Feasibility and Outcomes
CIRSE meeting 2022, Barcellona, Spain

Reasoned Case Series in Breast Imaging
50th SIRM National Congress 2022, Rome, Italy

Posters

Acellular dermal matrix: An imaging pitfall on postoperative imaging
EUSOBI meeting 2023, Valencia, Spain

Clinical impact of a protocol involving cone-beam CT (CBCT), fusion imaging and ablation
volume prediction in percutaneous image-guided microwave ablation of hepatocellular
carcinoma
ECIO meeting 2023, Stockholm, Sweden

Cone beam computed tomography image fusion in renal tumor ablation: preliminary data
CIRSE meeting 2022, Barcelona, Spain

Plug-assisted retrograde transvenous obliteration (PARTO) for the treatment of otherwise
unmanageable gastric varices
CIRSE meeting 2022, Barcelona, Spain

Imaging-guided Percutaneous Direct Needle Puncture of visceral Pseudoaneurysms:
feasibility and outcomes
ECR meeting 2024, Vienna, Austria

Efficacy and safety of trans-arterial chemoembolization with DC Beads LUMI in the
treatment of HCC: Experience from a tertiary Centre
ECIO meeting 2022, Vienna, Austria

Ultrasound-guided minimally invasive treatments of Thyroid Cancer: Current Possibilities
RSNA meeting 2020, Chicago, USA

Eusobi related activity

Co-lead of sustainable EUSOBI survey on breast biopsies, 2025

Oral presentation: Clinical Cases at EUSOBI Young Club lunch symposium
ECR meeting 2024, Vienna, Austria

Moderator of "Cardiac imaging biomarkers in oncologic therapy cardiotoxicity" of
EUSOBI WEBINAR SERIES 4, 2023

ACADEMIC WORK EXPERIENCE

2024-Ongoing

Junior Deputy Editor

La Radiologia Medica

2020-Ongoing

Peer-Reviewer

European Radiology Experimental

European Journal of Radiology

European Radiology

Insights into Imaging

SCIENTIFIC SOCIETY

Active Memberships

Member of Sustainable EUSOBI Workforce – 2024 to present

Past Chairperson, SIRM Giovani Group of SIRM society – 2025 to present

Chairperson, SIRM Giovani Group of SIRM society – 2023 to 2024

Member, European Society of Breast Imaging (EUSOBI) – since 2023

Member, European Society of Emergency Radiology (ESER) since 2022

Member, Endovascular Resuscitation and Trauma Management (EVTM) since 2020

Member, Società Italiana di Ultrasonologia in Medicina e Biologia (SIUMB) since 2020

Member, Cardiovascular and Interventional Radiological Society of Europe (CIRSE) since 2019

Member, European Society of Radiology (ESR) since 2019

Member, Radiological Society of North America (RSNA) since 2019

Member, Società Italiana di Radiologia Medica (SIRM) since 2019

Member, Ordine dei Medici Chirurghi e Odontoiatri di Milano (OMCeO)

AWARDS

- 12/2023 **Award for Best Oral Presentation**
“Electroporation Reversible with Calcium Gluconate Injection in the Percutaneous Treatment of Skin Metastases from Ductal Breast Carcinoma: Case Report and Literature Review”
Annual Meeting of the SIRM Lombardia Regional Group 2024, Milan, Italy
- 11/2023 **Award for Best Oral Presentation**
“Preliminary Results of a Prospective Monocentric Pilot Study on the Role of Vacuum Assisted Excision in the Treatment of Ductal Carcinoma In Situ”
Joint Conference of the Breast Imaging and Thoracic Radiology Study Sections
SIRM 2023, Turin, Italy
- 9/2023 **EUSOBI Poster Award**
“Acellular dermal matrix: An imaging pitfall on postoperative imaging”
- 11/2022 **Young Generations Award SIUMB – GIULIA ROMANO**
SIUMB Ultrasound Update 2022, Padua, Italy
- 10/2022 **Cum Laude Poster Award Winner**
50th SIRM National Congress, Rome, Italy
“Imaging-guided Percutaneous Direct Needle Puncture of visceral Pseudoaneurysms: feasibility and outcomes”

HOBBIES/ INTERESTS

Travel, Photography, Music, Art, Swimming, Running

Milan, 5/12/2025

Serena Carriero


PROGRAMMA DI CANDIDATURA

Serena Carriero

Medico Radiologo – Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico di Milano
Candidata Consigliere – SIRM Lombardia

Aver ricoperto il ruolo di Coordinatore dei Giovani Radiologi SIRM è stato per me un grande onore e una responsabilità importante.

Quell'esperienza mi ha permesso di comprendere quanto sia fondamentale creare spazi reali di partecipazione, sostenere le idee nuove e costruire relazioni professionali solide e durature.

È proprio da lì che nasce il mio desiderio di continuare a collaborare attivamente con la SIRM, con impegno e presenza.

La mia candidatura a Consigliere del Gruppo Regionale Lombardia è radicata nel lavoro quotidiano in reparto, dove confronto clinico, responsabilità assistenziale e lavoro di squadra sono parte costante della pratica medica.

In **Lombardia**, una regione vasta e molto eterogenea, credo sia essenziale rafforzare una rete stabile di collaborazione tra centri ad alta complessità e ospedali territoriali, affinché lo scambio di competenze e il supporto reciproco siano continuativi e strutturati.

OBIETTIVI PRINCIPALI

1. Favorire la collaborazione tra reparti lombardi

- Creare reti di contatto strutturate tra ospedali della regione.
- Condividere protocolli diagnostici, casi complessi e soluzioni organizzative.

2. Rafforzare la connessione tra centri ad alta complessità e ospedali territoriali

- Facilitare scambi formativi e professionali tra strutture.
- Sostenere percorsi di osservazione e affiancamento per colmare differenze operative.

4. Ricerca scientifica utile e realizzabile

- Promuovere progetti multicentrici semplici, proporzionati ai tempi e alle risorse disponibili.
- Favorire lo sviluppo di strumenti innovativi, tra cui:
 - IA applicata alla senologia
 - integrazione imaging–biomarcatori
 - software di pianificazione diagnostica e follow-up personalizzato
- Favorire, dove possibile, condivisione di dati, risultati e metodologie.

5. Promuovere un ambiente professionale inclusivo

- Dare visibilità e sostegno al ruolo della donna radiologo, oggi sempre più presente e qualificata.
- Favorire una cultura di reparto collaborativa, equa e non gerarchica, che consideri il valore di ogni professionista.

6. Ascolto attivo

- Attivare un canale diretto di comunicazione per esigenze, criticità e proposte.
- Garantire trasparenza e restituzione chiara delle attività svolte nel Consiglio Regionale.

7. Sostenere e valorizzare i giovani radiologi lombardi

La Lombardia ha una comunità numerosa di giovani radiologi e un elevato numero di Specialisti in Formazione. È fondamentale che la SIRM continui ad essere un punto di riferimento stabile, capace di sostenere chi sta costruendo il proprio percorso professionale.

Obiettivi specifici:

- Garantire spazi concreti di partecipazione dei giovani alle attività regionali.
- Dare ascolto e visibilità alle idee e necessità dei giovani, trasformandole in proposte operative reali.
- Favorire percorsi formativi pratici, accessibili e orientati ai problemi clinici, utili nel quotidiano.

In sintesi

Mi propongo di contribuire a una Radiologia lombarda più connessa e condivisa, capace di rafforzare ogni realtà, dal centro ad alta complessità al territorio.

Serena Carriero