

## Curriculum Vitae di FEDERICA VACCARINO

### TITOLI DI STUDIO

**06-11-2025** Specializzazione in Diagnostica per Immagini presso Università Campus Bio-Medico di Roma

**22-07-2019** Laurea Magistrale in Medicina e Chirurgia presso Università degli Studi di Palermo

### ESPERIENZE LAVORATIVE

**06-11-2025** - Dirigente Medico in Radiodiagnostica a tempo indeterminato presso Azienda Sanitaria Universitaria Integrata del Trentino (ASUIT)

**01-10-2024** - **05-11-2025** Dirigente Medico in Radiodiagnostica a tempo determinato presso Azienda Provinciale per i Servizi Sanitari della Provincia Autonoma di Trento (APSS)

### PUBBLICAZIONI

**13-12-2025** Articolo. Titolo: "Use of gadolinium-based contrast agents in head and neck cancer diagnosis, staging, and monitoring: current applications and future perspectives" . Autore/Co-Autori: Parillo M, Vaccarino F, Falzone A, Salvador E, Doniselli FM, Quattrocchi CC, Rovira À./ . Rivista/Editore: European radiology . URL: <https://doi.org/10.1007/s00330-025-12165-0>.

**15-07-2025** Articolo. Titolo: "Inter-reader reliability of MRI and CT Node Reporting and Data System 1.0 (Node-RADS) for mesorectal lymph nodes in rectal cancer" . Autore/Co-Autori: Parillo M, Vaccarino F, Vertulli D, Cea L, Mallio CA, Beomonte Zobel B, Quattrocchi CC./ . Rivista/Editore: Acta Radiol. . URL: <https://doi.org/10.1177/02841851251322887>.

**05-06-2025** Articolo. Titolo: "Predictive Utility of Structured MRI Reporting for Rectal Cancer Outcomes" . Autore/Co-Autori: Faiella, E.; Carannante, F.; Vaccarino, F.; Capolupo, G.T.; Miacci, V.; Perillo, G.; Vergantino, E.; Zobel, B.B.; Caricato, M.; Santucci, D./ . Rivista/Editore: Diagnostics . URL: <https://doi.org/10.3390/diagnostics15121472>.

**29-04-2025** Articolo. Titolo: "Susceptibility-Weighted Imaging (SWI): Technical Aspects and Applications in Brain MRI for Neurodegenerative Disorders" . Autore/Co-Autori: Vaccarino, F.; Quattrocchi, C.C.; Parillo, M./ . Rivista/Editore: bioengineering . URL: <https://doi.org/10.3390/bioengineering12050473>.

**05-01-2025** Articolo. Titolo: "Biomechanical Impact of Vertebral Augmentation Techniques: Clinical and Radiological Results in the Literature" . Autore/Co-Autori: Faiella E, Vaccarino F, Santucci D, Vergantino E, Beomonte Zobel B, Grasso RF./ . Rivista/Editore: Applied Sciences . URL: <https://doi.org/10.3390/app15010426>.

**08-11-2024** Articolo. Titolo: "Assessment of Reason for Exam Imaging Reporting and Data System (RI-RADS) in inpatient diagnostic imaging referrals" . Autore/Co-Autori: Parillo M, Vaccarino F, Vertulli D, Perillo G, Montanari E, Mallio CA, Quattrocchi CC./ . Rivista/Editore: Insights into Imaging . URL: <https://doi.org/10.1186/s13244-024-01846-x>.

**07-11-2024** Articolo. Titolo: "ChatGPT and radiology report: potential applications and limitations" . Autore/Co-Autori: Parillo M, Vaccarino F, Beomonte Zobel B, Mallio CA./ . Rivista/Editore: La Radiologia Medica . URL: <https://doi.org/10.1007/s11547-024-01915-7>.

**13-09-2024** Articolo. Titolo: "Exploring the Efficacy of Combining Radiofrequency Thermal Ablation or Microwave Ablation with Vertebroplasty for Pain Control and Disease Management in Metastatic Bone Disease-A Systematic Review" . Autore/Co-Autori: Faiella E, Vaccarino F, Pacella G, Santucci D, Vergantino E, Bruno A, Ragone R, Zobel BB, Grasso RF./ . Rivista/Editore: Curr Oncol. . URL: <https://doi.org/10.3390/currenocol31090401>.

**24-08-2024** Articolo. Titolo: "Assessing the reliability of ChatGPT4 in the appropriateness of radiology referrals" . Autore/Co-Autori: Marco Parillo, Federica Vaccarino, Daniele Vertulli, Gloria Perillo, Bruno Beomonte Zobel, Carlo Augusto Mallio./ . Rivista/Editore: The Royal College of Radiologists Open . URL: <https://doi.org/10.1016/j.rcro.2024.100155>.

**14-08-2024** Articolo. Titolo: "MRI findings of preauricular sinus: a case report" . Autore/Co-Autori: Marco Parillo, Valeria Mancuso, Federica Vaccarino, Bruno Beomonte Zobel, Carlo Augusto Mallio/ . Rivista/Editore: Discover Imaging . URL: <https://doi.org/10.1007/s44352-024-00001-y>.

**31-07-2024** Articolo. Titolo: "Comparison between Three Radiomics Models and Clinical Nomograms for Prediction of Lymph Node Involvement in PCa Patients Combining Clinical and Radiomic Features" . Autore/Co-Autori: Santucci D, Ragone R, Vergantino E, Vaccarino F, Esperto F, Prata F, Scarpa RM, Papalia R, Beomonte Zobel B, Grasso FR, Faiella E./ . Rivista/Editore: Cancers (Basel) . URL: <https://doi.org/10.3390/cancers16152731>.

**11-06-2024** Articolo. Titolo: "The sensitivity of MIPs of 3D contrast-enhanced VIBE T1-weighted imaging for the detection of small brain metastases (= 5 mm) on 1.5 tesla MRI" . Autore/Co-Autori: Parillo M, Vertulli D, Vaccarino F, Mallio CA, Beomonte Zobel B, Quattrocchi CC./ . Rivista/Editore: Neuroradiol J. . URL: <https://doi.org/10.1177/19714009241260802>.

**03-06-2024** Articolo. Titolo: "Imaging findings in a rare case of alveolar, hepatic and splenic sarcoidosis

presenting with thrombotic thrombocytopenic purpura” . Autore/Co-Autori: Federica Vaccarino, Marco Parillo, Gloria Perillo, Bruno Beomonte Zobel/ . Rivista/Editore: Journal of Medical Imaging and Interventional Radiology . URL: <https://doi.org/10.1007/s44326-024-00001-6>.

**17-05-2024** Articolo. Titolo: “Delayed Enhancement in Cardiac CT: A Potential Alternative to Cardiac MRI? Technical Updates and Clinical Considerations” . Autore/Co-Autori: De Stefano, D., Vaccarino, F., Santucci, D., Parillo, M., Nenna, A., Loreni, F., Ferrisi, C., Giacinto, O., Barbato, R., Mastroianni, C., Lusini, M., Chello, M., Zobel, B. B., Grasso, R. F., Faiella E./ . Rivista/Editore: Appl. Sci. . URL: <https://doi.org/10.3390/app14104275>.

**01-04-2024** Articolo. Titolo: “A Review of the Paradigmatic Role of Adipose Tissue in Renal Cancer: Fat Measurement and Tumor Behavior Features” . Autore/Co-Autori: Faiella E, Vergantino E, Vaccarino F, Bruno A, Perillo G, Grasso RF, Zobel BB, Santucci D./ . Rivista/Editore: Cancers (Basel) . URL: <https://doi.org/10.3390/cancers16091697>.

**28-01-2024** Articolo. Titolo: “Overview of the Current Knowledge and Conventional MRI Characteristics of Peri- and Para-Vascular Spaces” . Autore/Co-Autori: Parillo M, Vaccarino F, Di Gennaro G, Kumar S, Van Goethem J, Beomonte Zobel B, Quattrocchi CC, Parizel PM, Mallio CA./ . Rivista/Editore: Brain Sci. . URL: <https://doi.org/10.3390/brainsci14020138>.

**01-01-2024** Articolo. Titolo: “Irreversible Electroporation (IRE) for Prostate Cancer (PCa) Treatment: The State of the Art” . Autore/Co-Autori: Faiella E, Santucci D, Vertulli D, Vergantino E, Vaccarino F, Perillo G, Beomonte Zobel B, Grasso RF./ . Rivista/Editore: J Pers Med. . URL: <https://doi.org/10.3390/jpm14020137>.

**14-11-2023** Articolo. Titolo: “Imaging of knee osteoarthritis: a review of multimodal diagnostic approach” . Autore/Co-Autori: Piccolo CL, Mallio CA, Vaccarino F, Grasso RF, Zobel BB./ . Rivista/Editore: Quant Imaging Med Surg. . URL: <https://doi.org/10.21037/qims-22-1392>.

**12-11-2023** Articolo. Titolo: “Percutaneous Cryoablation under Conscious Sedation: A Safe, Effective and Painless Option for the Treatment of Pediatric Osteoid Osteoma” . Autore/Co-Autori: Pusceddu C, Vergantino E, Santucci D, Marsico S, Cappucci M, Vaccarino F, Beomonte Zobel B, Grasso RF, Faiella E./ . Rivista/Editore: J Clin Med. . URL: <https://doi.org/10.3390/jcm12216889>.

**11-11-2023** Articolo. Titolo: “Artery of Huebner stroke chameleon presenting as central nervous system lymphoma: a case description” . Autore/Co-Autori: Mallio CA, Vaccarino F, Parillo M, Annibali O, Rigacci L, Meduri GM, Pilato F, Beomonte Zobel B, Di Lazzaro V./ . Rivista/Editore: Quant Imaging Med Surg. . URL: <https://doi.org/10.21037/qims-23-437>.

**10-11-2023** Articolo. Titolo: “Can Machine Learning Models Detect and Predict Lymph Node Involvement in Prostate Cancer? A Comprehensive Systematic Review” . Autore/Co-Autori: Faiella E, Vaccarino F, Ragone R, D'Amone G, Cirimele V, Piccolo CL, Vertulli D, Grasso RF, Zobel BB, Santucci D./ . Rivista/Editore: J Clin Med. . URL: <https://doi.org/10.3390/jcm12227032>.

**01-11-2023** Articolo. Titolo: "Cardiac computed tomography angiography findings in a case of spontaneous coronary artery dissection" . Autore/Co-Autori: Parillo M, Vaccarino F, De Stefano D, Beomonte Zobel B./ . Rivista/Editore: Acta Cardiol. . URL: <https://doi.org/10.1080/00015385.2023.2286422>.

**20-10-2023** Articolo. Titolo: "Imaging findings in malignant hepatic infiltration from neuroendocrine tumor presenting with acute liver failure and mimicking cirrhosis: a case description" . Autore/Co-Autori: Marco Parillo, Federica Vaccarino, Chiara Taffon, Sara Vantaggi, Silvia Maria Rossi, Bruno Beomonte Zobel, Carlo Augusto Mallio/ . Rivista/Editore: Quant Imaging Med Surg. . URL: <https://doi.org/10.21037/qims-23-1037>.

**01-10-2023** Articolo. Titolo: "Imaging findings in a case of leptomeningeal myelomatosis, a rare but critical central nervous system complication of multiple myeloma" . Autore/Co-Autori: Parillo M, Vaccarino F, Quattrocchi CC./ . Rivista/Editore: Neuroradiol J. . URL: <https://doi.org/10.1177/19714009221150849>.

**01-09-2023** Articolo. Titolo: "Right Condylar Jugular Diverticulum: Contrast-enhanced Computed Tomography Findings of a Rare Anatomical Variant of Jugular Bulb" . Autore/Co-Autori: Parillo M, Vaccarino F, Mallio CA, Quattrocchi CC./ . URL: [doi.org/10.1007/s12070-023-03554-2](https://doi.org/10.1007/s12070-023-03554-2)..

**26-08-2023** Articolo. Titolo: "Temporal Bone High Resolution Computed Tomography Findings in a Case of Postpartum Otosclerosis." . Autore/Co-Autori: Marco Parillo, Maria Teresa Bitonti, Federica Vaccarino, Bruno Beomonte Zobel, Carlo Augusto Mallio./ . Rivista/Editore: Indian J Otolaryngol Head Neck Surg. . URL: <https://doi.org/10.1007/s12070-023-04167-5>.

**01-05-2023** Articolo. Titolo: "Right common iliac vein fenestration: Computed tomography and venography findings of rare venous anatomic variant" . Autore/Co-Autori: Parillo M, Vaccarino F, Quattrocchi CC./ . Rivista/Editore: J Vasc Surg Venous Lymphat Disord. . URL: <https://doi.org/10.1016/j.jvsv.2022.09.006>.

**10-06-2022** Articolo. Titolo: "A Rare Case of Contained Chronic Rupture of Abdominal Aortic Aneurysm Associated With Vertebral Erosion: Pre- and Post-operative Findings on Computed Tomography and a Narrative Review" . Autore/Co-Autori: Parillo M, Vaccarino F, Beomonte Zobel B, Quattrocchi CC./ . Rivista/ Editore: Vasc Endovascular Surg . URL: <https://doi.org/10.1177/15385744221108040>.

**06-09-2021** Articolo. Titolo: "Immune Thrombocytopenia in Antiphospholipid Syndrome: Is It Primary or Secondary?" . Autore/Co-Autori: Tomasello R, Giordano G, Romano F, Vaccarino F, Siragusa S, Lucchesi A, Napolitano M./ . Rivista/Editore: Biomedicines . URL: <https://doi.org/10.3390/biomedicines9091170>.

## **ALTRO**

Presentazione Orale di Poster all'European Congress of Radiology 2025 - Susceptibility-Weighted Imaging: technical aspects and potential applications in neurodegenerative disorders

Presentazione orale di Poster all'European Congress of Radiology 2024 - Peri- and para-vascular brain

spaces: What radiologists should know

Vincitrice di GRANT SIRM-JMIIR 2024 - Imaging findings in a rare case of alveolar, hepatic and splenic sarcoidosis presenting with thrombotic thrombocytopenic purpura”

Medaglia di bronzo sfida alle scuole di specializzazione - Congresso nazionale SIRM Milano 2024