

PERSONAL INFORMATION

Leonardo Brizzi

Sex Male | | Nationality Italy

EDUCATION AND TRAINING

2021-On going**Residency in Medical Radiology**

Università degli Studi di Pavia; IRCCS Policlinico San Matteo - Pavia; CNAO; IRCCS Fondazione Mondino

▪ Basic principles of Radiology, Ultrasound, X-Ray, CT, MRI of different anatomical districts.

2014-2021**Degree in Medicine and Surgery**

Università degli Studi di Perugia, Italy Grade: 110/110 with honors

2014-2021**Scientific High School Graduation**

Liceo Città di Piero, San Sepolcro (AR). Grade: 99/100

CLINICAL WORK
EXPERIENCE**Jul 2024 – Feb 2025****Outpatient ultrasound clinic**

Ospedale Maggiore di Lodi (LO), Italy; Ospedale Delmati, Santangelo Lodigiano (LO), Italy; Ospedale di Codogno (LO), Italy

▪ Home care activities, pulmonary objective examination, EGA performance and interpretation, pulmonary ultrasonography - In Sars-Cov-2 positive patients.

Apr 2021- Oct 2021**USCA - Medical Guard during Covid-19 pandemic**

USL Toscana Sud-Est - Casentino District (Bibbiena), Italy ; USL Toscana Sud-Est - Colle Valdelsa District (Siena), Italy

▪ Home care activities, pulmonary objective examination, EGA performance and interpretation, pulmonary ultrasonography - In Sars-Cov-2 positive patients.

Jan 2021 – Apr 2021**Contact Tracing during Covid-19 pandemic**

Prevention Department USL Umbria 1 (Perugia), Italy

- COVID contact tracing.

ACADEMIC WORK
EXPERIENCE**Jan 2025 – On going****Reviewer for "Clinical Radiology"**

Reviewer for Urogenital and Abdominal sections

Jan 2025 – On going**Young Member of the Contrast Media Committee of SIRM**

Courses and Conferences about Contrast Media uses, adverse reactions, guidelines and sustainability – President Prof. Silvia Magnaldi

Nov 2021 – On going**Research activities in IRCCS Policlinico San Matteo and CNAO, Pavia, Italy**

Main research topics: Micro CT for lung cancer, radiomics, adrotherapy imaging, post-radiotherapy tissue changes.

Jan 2023– On going**Oral Presentations, Poster, Lectures at Courses and Conferences**

ECR 2024, ECR 2025, EUROSON 2024, SIUMB Course 2023-24, SIRM 2024, SIRM Courses 2023-2024

ABROAD EXPERIENCE

PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

English (B2), Spanish (B1)

Medical skills

Ultrasound examination

Other skills

Informatics: Office and other main softwares (European Computer Licence 2014); Graphics: graphic for scientific information (Online Course).

EUROPEAN RADIOLOGY

ECRInvest in the Youth Programme 2024 – **ECR 2024** Oral Presentation (Micro-CT vs conventional CT: preliminary results of comparing radiomic features in vivo and ex vivo in lung cancer) & 1 Poster (The treatment of salivary glands' adenoid cystic cancer with carbon ion radiation therapy and the predictive role of diffusion weighted magnetic resonance imaging)**ECR 2025** *Oral Presentation* (Comparative Radiomics and Feature Consistency: In Vivo CT vs. Ex Vivo Micro-CT in Classifying Lung Cancer Subtypes) & 3 *Posters* (Environmental Contamination by Contrast Agents: What We Can Do; Impact on radiographers of a PI-QUAL v2 educational program on prostate MRI image quality assessment; Non-Invasive Hematocrit Estimation Through Imaging: Accuracy and Limitations in a Retrospective Cohort)

ADDITIONAL INFORMATION

Professional Memberships**ESR Member, SIUMB Member****Written Publications**

1. Melazzini L, Bortolotto C, Brizzi L, Achilli M, Basla N, D'Onorio De Meo A, Gerbasi A, Bottinelli OM, Bellazzi R, Preda L. AI for image quality and patient safety in CT and MRI. Eur Radiol Exp. 2025 Feb 23;9(1):28. doi: 10.1186/s41747-025-00562-5. PMID: 39987533; PMCID: PMC11847764.
2. Mauro A, Faverio C, Brizzi L, Mazza S, Scalvini D, Alfieri D, Cappellini A, Chicco F, Ciccio C, Delogu C, Bardone M, Gallotti A, Pagani A, Torello Viera F, Anderloni A. Multidisciplinary Therapeutic Approaches to Pancreatic Cancer According to the Resectability Status. J Clin Med. 2025 Feb 11;14(4):1167. doi: 10.3390/jcm14041167. PMID: 40004698; PMCID: PMC11856188.

Scientific Presentations**ECR 2025 (Wien): Research Presentation:** In Vivo CT vs. Ex Vivo Micro-CT in Classifying Lung Cancer Subtypes**ECR 2024 (Wien): Research Presentation:** Micro-CT vs conventional CT: preliminary results of comparing radiomic features in vivo and ex vivo in lung cancer**EUROSON European Congress 2024 (Naples): Lecturer** for the presentation of Reasoned Case History in "Skin Ultrasound in Melanoma Patients".**SIUMB National Congress 2023 (Palermo): Lecturer** for the presentation of Reasoned Case History in "Ultrasound in Nephropathic Patients".Poster: The treatment of salivary glands' adenoid cystic cancer with carbon ion radiation therapy and the predictive role of diffusion weighted magnetic resonance imaging , **SIRM 2024, ECR 2024 ed ESHNR 2024****Attended Courses and Meetings**Lecturer and Tutor of two editions of the **MSK Ultrasound Course** (knee, shoulder , hip and ankle) (Altomonte 2023; Pavia 2024; Italy), sponsored by SIUMB.Lecturer and Tutor of Course on Introduction to **Echo-Assisted Examination (ECA)**, sponsored by SIUMB, (Milan, 2024, Italy) - Lecture Topic: Ultrasound in focal liver lesions -Ecography in dysmetabolic diseases - Abdominal pain: how to orient yourself?Speaker in the Flash Monothematic Course: Elastasonography - Lecture title: US & AI: where are we going. (INT, 2024, Milano, Italy)Tutor in the course Head and Neck diseases - Practical exercises (University of Pavia, 2024, Pavia, Italy)Attendat at the Online Course about Cardiac-CT/Cardiac-MRI (Rome, 2024, Italy)Attendat at the Course The ABCs of imaging in urgency: traumatic injuries (Catholic University of the Sacred Heart "A.Gemelli", 2023, Rome, Italy)Attendat at the Course "RADS in RM: istruzioni per l'uso", SIRM (Centro Studi Cardello, 2023, Rome, Italy)Attendat at the Course "Imaging morfologico e funzionale di retto e fegato", SIRM (Centro Studi Cardello, 2023, Rome, Italy)**Hobbies/Interests**

Painting, Art, Swimming, Nature

Ai sensi dell'art. 47 del DPR 445/2000, dichiaro che le informazioni inserite nel mio CV corrispondono a verità, essendo consapevole dell'eventuale applicazione dell'art.76 dello stesso articolo in caso di dichiarazione mendace.

Pavia, lì 21/04/2025



PIANO FORMATIVO RINNOVATO PER LA SEZIONE MEZZI DI CONTRASTO – BIENNIO 2027-2028

- **Potenziare la comunicazione digitale e la diffusione delle informazioni:** sviluppare una strategia di comunicazione multicanale tramite app, social media (Instagram, LinkedIn, X, Facebook), newsletter e sito web, per aggiornare costantemente i professionisti su novità, eventi, pubblicazioni e risorse educative relative ai Mezzi di Contrasto (MdC). Prevedere anche contenuti multimediali (video pillole, infografiche, podcast) e l'interazione diretta con la community tramite Q&A live e sondaggi.
- **Partecipazione alla serie di webinar annuali della sezione** mirati sia a un pubblico giovane sia a un'utenza più esperta, anche in collaborazione con altre sezioni SIRM.
- **Partecipazione e tutoraggio ai corsi itineranti e residenziali**, presso sedi come ad esempio il Cardello, dedicati a fornire indicazioni pratiche sull'uso dei MdC.
- **Pubblicazione di un documento tecnico multidisciplinare**, redatto anche in collaborazione con altre società scientifiche, per fornire aggiornamenti evidence-based e approfondimenti sulle più recenti evidenze scientifiche relative ai MdC.
- **Partecipazione attiva all'assemblea annuale di sezione**, con uno spazio dedicato alla raccolta strutturata di idee, proposte e suggerimenti da parte dei Soci per la pianificazione di nuove iniziative.

Pavia, lì 21/04/2025

A handwritten signature in black ink, appearing to be 'Leo Bui', written in a cursive style.