



Chandra Bortolotto

● WORK EXPERIENCE

ASSOCIATE PROFESSOR – UNIVERSITY OF PAVIA – 01/02/2025 – Current – PAVIA, ITALY

Associate Professor

UNIVERSITY RESEARCH ASSISTANT – UNIVERSITY OF PAVIA – 01/02/2022 – 31/01/2025 – PAVIA, ITALY

Fixed-term researchers with type B positions (tenure track)

FULL TIME RADIOLOGIST – FONDAZIONE IRCCS POLICLINICO SAN MATTEO – 02/05/2017 – Current – PAVIA, ITALY

FREELANCE RADIOLOGIST – FONDAZIONE IRCCS POLICLINICO SAN MATTEO – 15/12/2015 – 01/05/2017 – PAVIA, ITALY

CT-guided Interventional Radiology and Thoracic Imaging

RESEARCH ASSISTANT – FONDAZIONE IRCCS POLICLINICO SAN MATTEO – 01/10/2015 – 01/05/2017 – PAVIA, ITALY

Research Assistant on the project "*Elastosonography Shear Wave: normal value and possible influence of subjects' characteristics and technical variables*" **ongoing at the Radiology Department (Main investigator: Prof. Fabrizio Calliada)**

FREELANCE RADIOLOGIST – STUDIO RADIOLOGICO PAVESE DI BOTTINELLI OLIVIA MARIA & C. SAS – 03/2016 – 01/05/2017 – PAVIA, ITALY

Ultrasound and Conventional Radiology

FREELANCE RADIOLOGIST – ALLIANCE MEDICAL ITALIA – 06/2015 – 01/05/2017 – LISSONE (MB), ITALY

Musculoskeletal and Neuro MR

VISITING RADIOLOGY RESIDENT – 17/05/2010 – 17/05/2015 – ITALY

- July 2010 > March 2011 **Orthopedic institute Gaetano Pini - Radiology service: part-time visiting resident radiologist under the supervision of Prof. Simonetta Failoni.**
- May 2014 > September 2014 **Radiology Department - Castel San Giovanni Hospital: part-time visiting resident radiologist under the supervision of Prof. Paola Scagnelli**
- May 2014 > September 2014 & January 2015 > May 2015 **UOC Neuroradiology - Ospedale Maggiore Policlinico - Milan: part-time visiting resident radiologist under the supervision of Prof. Fabio Maria Triulzi.**
- May 2014 > September 2014 & January 2015 > May 2015 **USC Radiology - Ospedale Maggiore - Lodi: part-time visiting resident radiologist under the supervision of Dr. Paolo Poggi.**

RADIOLOGY RESIDENT – DEPARTMENT OF RADIOLOGY - UNIVERSITY OF PAVIA - FONDAZIONE IRCCS POLICLINICO SAN MATTEO – 17/05/2010 – 17/05/2015 – PAVIA, ITALY

- May 2010 > May 2011 **Musculoskeletal MR**
- June 2011 > December 2011 **Conventional Radiology**
- January 2012 > August 2012 **Body and Emergency CT**
- September 2012 > December 2012 **Abdominal MR**

- January 2013 > June 2013 **Cardiovascular CT and MR**
- July 2013 > December 2013 **Ultrasound unit**
- January 2014 > April 2014 **Breast Unit - Senology**

ESOR SCHOLARSHIP - VISITING RADIOLOGY RESIDENT – SERVICE DE RADIOLOGIE ET IMAGERIE THORACIQUE - HÔPITAL ALBERT CALMETTE – 22/09/2014 – 22/12/2014 – LILLE, FRANCE

Scholarship of the European Society of Radiology (ESR) in the framework of the European School of Radiology (ESOR). CT Thoracic imaging intensive training under the supervision of the Prof. Martine Remy-Jardin.

● EDUCATION AND TRAINING

14/05/2015 Pavia, Italy

RADIOLOGY SPECIALISTIC DEGREE University of Pavia

Degree awarded with the score 50/50 cum laude presenting a thesis entitled *"Improvement of spectral separation and image quality in dual-energy dual-source computed tomography scanners: second vs third generation"*.

04/03/2010 Pavia, Italy

CERTIFICATION OF THE ITALIAN BOARD OF SURGEON AND PHYSICIAN Italian Board of Surgeon and Physician (FNOMCEO)

06/07/2010 Pavia, Italy

DEGREE IUSS - Insitute for advanced study

Degree awarded with a thesis entitled: *"Percutaneous CT-guided RFA of small unresectable lung tumors"*

National classification Superior Graduate School

29/07/2009 Pavia, Italy

DEGREE IN MEDICINE AND SURGERY University of Pavia

Internship:

- September 2005 > August 2006 Internship in Pulmonology
- September 2006 > March 2007 Internship in Hematology
- April 2007 > August 2007 Internship in anesesthesia in Anaesthesiology - Intensive Care
- September 2007 > July 2009 Internship in Radiology

Degree awarded with the score 110/110 cum laude presenting a thesis entitled *"Role of radiofrequency ablation in the management of patients with hepatocellular carcinoma: results form a long term study"*

National classification Medical school

13/02/2008 United Kingdom

FIRST CERTIFICATE IN ENGLISH (FCE) - GRADE B University of Cambridge ESOL examination

Level 1 certificate in english (ESOL)

National classification Council of Europe Level B2

28/01/2005 United Kingdom

PRELIMINARY ENGLISH TEST (PET) - PASS WITH MERIT University of Cambridge ESOL examination

Entry level certificate in english (ESOL) - Entry 3

National classification Council of Europe Level B1

09/2003 – 07/2009 Pavia, Italy

STUDENT AT ALMO COLLEGIO BORROMEO Almo Collegio Borromeo

National classification College

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):					
	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1
FRENCH	B1	B1	B1	B1	B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● PUBLICATIONS

Bibliometric Indicators (source Scopus)

Bibliometric Indicators (source Scopus)
 Number of publications: 111
 Number of citations: 1578 (in 1332 different articles)
 H-index: 21

Publications in indexed journals 2024-2023bis

-Comune R, Ruggiero A, Portarapillo A, Villani A, Megna M, Tamburrini S, Masala S, Sica G, Sandomenico F, Bortolotto C, Preda L, Scaglione M. **Cutaneous Squamous Cell Carcinoma: From Diagnosis to Follow-Up**. Cancers (Basel). 2024 Aug 25;16(17):2960. doi: 10.3390/cancers16172960. PMID: 39272818; PMCID: PMC11394133.

- Bergomi L, Buonocore TM, Antonazzo P, Alberghi L, Bellazzi R, Preda L, Bortolotto C, Parimbelli E. **Reshaping free-text radiology notes into structured reports with generative question answering transformers**. Artif Intell Med. 2024 Aug;154:102924. doi: 10.1016/j.artmed.2024.102924. Epub 2024 Jun 26. PMID: 38964194.

- Bortolotto C, Pinto A, Brero F, Messana G, Cabini RF, Postuma I, Robustelli Test A, Stella GM, Galli G, Mariani M, Figini S, Lascialfari A, Filippi AR, Bottinelli OM, Preda L. **CT and MRI radiomic features of lung cancer (NSCLC): comparison and software consistency**. Eur Radiol Exp. 2024 Jun 17;8(1):71. doi: 10.1186/s41747-024-00468-8. PMID: 38880866; PMCID: PMC11180643.

- Nicora G, Catalano M, Bortolotto C, Achilli MF, Messana G, Lo Tito A, Consonni A, Cutti S, Comotto F, Stella GM, Corsico A, Perlini S, Bellazzi R, Bruno R, Preda L. **Bayesian Networks in the Management of Hospital Admissions: A Comparison between Explainable AI and Black Box AI during the Pandemic**. J Imaging. 2024 May 10;10(5):117. doi: 10.3390/jimaging10050117. PMID: 38786571; PMCID: PMC11122655.

- Milanese G, Silva M, Ledda RE, Iezzi E, Bortolotto C, Mauro LA, Valentini A, Reali L, Bottinelli OM, Ilardi A, Basile A, Palmucci S, Preda L, Sverzellati N; PEOPLHE consortium. **Study rationale and design of the PEOPLHE trial**. Radiol Med. 2024 Mar;129(3):411-419. doi: 10.1007/s11547-024-01764-4. Epub 2024 Feb 6. PMID: 38319494; PMCID: PMC10943160.

- Bertuccio FR, Agustoni F, Galli G, Bortolotto C, Saddi J, Baietto G, Baio N, Montini S, Putignano P, D'Ambrosio G, Corsico AG, Pedrazzoli P, Stella GM. **Pleural Mesothelioma: Treatable Traits of a Heterogeneous Disease**. Cancers (Basel). 2023 Dec 6;15(24):5731. doi: 10.3390/cancers15245731. PMID: 38136277; PMCID: PMC10741585.

- Catalano M, Bortolotto C, Nicora G, Achilli MF, Consonni A, Ruongo L, Callea G, Lo Tito A, Biasibetti C, Donatelli A, Cutti S, Comotto F, Stella GM, Corsico A, Perlini S, Bellazzi R, Bruno R, Filippi A, Preda L. **Performance of an AI algorithm during the different phases of the COVID pandemics: what can we learn from the AI and vice versa**. Eur J Radiol Open. 2023 Dec;11:100497. doi: 10.1016/j.ejro.2023.100497. Epub 2023 Jun 19. PMID: 37360770; PMCID: PMC10278371.

-Bertuccio FR, Partenope V, Piloni D, Montini S, Baio N, Bortolotto C, Valentini A, Corsico AG, Stella GM. **Predictive markers associated to fibrotic evolution in hypersensitivity pneumonitis: a single institution's analysis**. Minerva Med. 2023 Sep 15. doi: 10.23736/S0026-4806.23.08823-7. Epub ahead of print. PMID: 37712941.

Publications in indexed journals 2024

-Demurtas S, Cena H, Benazzo M, Gabanelli P, Porcelli S, Preda L, Bortolotto C, Bertino G, Mauramati S, Veneroni MV, Orlandi E, Camarda AM, Madini N, Raso CA, Locati LD. **Head and Neck Cancer (HNC) Prehabilitation: Advantages and Limitations**. J Clin Med. 2024 Oct 17;13(20):6176. doi: 10.3390/jcm13206176. PMID: 39458125; PMCID: PMC11509296.

-Pisanu L, Mucaj K, Conio V, Bertuccio F, Giana I, Arlando L, Russo M, Montini S, Bortolotto C, Corsico AG, Stella GM. **Lung bronchiectasis as a paradigm of the interplay between infection and colonization on plastic modulation of the pre-metastatic niche**. Front Oncol. 2024 Oct 14;14:1480777. doi: 10.3389/fonc.2024.1480777. PMID: 39469649; PMCID: PMC11513253.

-Stella GM, Lisini D, Pedrazzoli P, Galli G, Bortolotto C, Melloni G, D'Ambrosio G, Klersy C, Grosso A, Paino F, Tomaselli S, Saracino L, Alessandri G, Pessina A, Grignani E, Rosti V, Corsico AG, Comoli P, Agustoni F. **Phase I Clinical Trial on Pleural Mesothelioma Using Neoadjuvant Local Administration of Paclitaxel-Loaded Mesenchymal Stromal**

Publications in indexed journals 2023

- Stella GM, Lettieri S, Piloni D, Ferrarotti I, Perrotta F, Corsico AG, Bortolotto C. **Smart Sensors and Microtechnologies in the Precision Medicine Approach against Lung Cancer.** Pharmaceuticals (Basel). 2023 Jul 22;16(7):1042. doi: 10.3390/ph16071042. PMID: 37513953; PMCID: PMC10385174.
- Scapicchio C, Chincarini A, Ballante E, Berta L, Bicci E, Bortolotto C, Brero F, Cabini RF, Cristofalo G, Fanni SC, Fantacci ME, Figini S, Galia M, Gemma P, Grassedonio E, Lascialfari A, Lenardi C, Lionetti A, Lizzi F, Marrale M, Midiri M, Nardi C, Oliva P, Perillo N, Postuma I, Preda L, Rastrelli V, Rizzetto F, Spina N, Talamonti C, Torresin A, Vanzulli A, Volpi F, Neri E, Retico A. **A multicenter evaluation of a deep learning software (LungQuant) for lung parenchyma characterization in COVID-19 pneumonia.** Eur Radiol Exp. 2023 Apr 10;7(1):18. doi: 10.1186/s41747-023-00334-z. PMID: 37032383; PMCID: PMC10083148.
- Stella GM, Chino V, Putignano P, Bertuccio F, Agustoni F, Saracino L, Tomaselli S, Saddi J, Piloni D, Bortolotto C. **CT Scan-Guided Fine Needle Aspiration Cytology for Lung Cancer Diagnosis through the COVID-19 Pandemic: What We Have Learned.** Tomography. 2023 Mar 31;9(2):759-767. doi: 10.3390/tomography9020061. PMID: 37104132; PMCID: PMC10143076.
- Deka JB, Shah MVK, Shah R, Bhatnagar N, Bortolotto C, Jiménez F. **Myxolipoma of hand in a child: case report of a rare tumor.** J Ultrasound. 2023 Mar;26(1):295-300. doi: 10.1007/s40477-022-00727-7. Epub 2022 Sep 24. PMID: 36152213; PMCID: PMC10063741.
- Piloni D, Bertuccio FR, Primiceri C, Rinaldi P, Chino V, Abbott DM, Sottotetti F, Bortolotto C, Agustoni F, Saddi J, Stella GM. **Smoking Habit and Respiratory Function Predict Patients' Outcome after Surgery for Lung Cancer, Irrespective of Histotype and Disease Stage.** J Clin Med. 2023 Feb 16;12(4):1561. doi: 10.3390/jcm12041561. PMID: 36836096; PMCID: PMC9967492.
- Granata V, Fusco R, Cozzi D, Danti G, Faggioni L, Buccicardi D, Prost R, Ferrari R, Trinci M, Galluzzo M, Iacobellis F, Scaglione M, Tonerini M, Coppola F, Bortolotto C, Caruso D, Ciaghi E, Gabelloni M, Rengo M, Giacobbe G, Grassi F, Romano L, Pinto A, Caranci F, Bertelli E, D'Andrea P, Neri E, Giovagnoni A, Grassi R, Miele V. **Structured reporting of computed tomography in the polytrauma patient assessment: a Delphi consensus proposal.** Radiol Med. 2023 Feb;128(2):222-233. doi: 10.1007/s11547-023-01596-8. Epub 2023 Jan 19. PMID: 36658367; PMCID: PMC9938818.

Publications in indexed journals 2022

- Cabini RF, Brero F, Lancia A, Stelitano C, Oneta O, Ballante E, Puppo E, Mariani M, Alì E, Bartolomeo V, Montesano M, Merizzoli E, Aluia D, Agustoni F, Stella GM, Sun R, Bianchini L, Deutsch E, Figini S, Bortolotto C, Preda L, Lascialfari A, Filippi AR. **Preliminary report on harmonization of features extraction process using the ComBat tool in the multi-center "Blue Sky Radiomics" study on stage III unresectable NSCLC.** Insights Imaging. 2022 Mar 7;13(1):38. doi: 10.1186/s13244-022-01171-1. PMID: 35254525; PMCID: PMC8901939.
- Bortolotto C, Stella GM, Messana G, Lo Tito A, Podrecca C, Nicora G, Bellazzi R, Gerbasi A, Agustoni F, Grimm R, Zacà D, Filippi AR, Bottinelli OM, Preda L. **Correlation between PD-L1 Expression of Non-Small Cell Lung Cancer and Data from IVIM-DWI Acquired during Magnetic Resonance of the Thorax: Preliminary Results.** Cancers (Basel). 2022 Nov 16;14(22):5634. doi: 10.3390/cancers14225634. PMID: 36428726; PMCID: PMC9688282.
- Stella GM, Bortolotto C. **Managing Malignant Pleural Mesothelioma in the Age of Personalized Medicine: Where Are We and What Is Still Missing?** Cancers (Basel). 2022 Nov 11;14(22):5540. doi: 10.3390/cancers14225540. PMID: 36428633; PMCID: PMC9688431.
- Bortolotto C, Draghi F, Bianchi S. **Ultrasound findings in subcutaneous plantar vein thrombosis: retrospective analysis of seven patients.** Acta Radiol. 2022 Nov;63(11):1522-1527. doi: 10.1177/02841851211046500. Epub 2021 Nov 29. PMID: 34842472.
- Falanga F, Rinaldi P, Primiceri C, Bortolotto C, Oneta O, Agustoni F, Morbini P, Saracino L, Eleftheriou D, Sottotetti F, Stella GM. **Feasibility and safety of extended pleurectomy/decortication for malignant pleural mesothelioma. A single group experience.** Thorac Cancer. 2022 Oct;13(19):2792-2798. doi: 10.1111/1759-7714.14627. Epub 2022 Sep 2. PMID: 36052736; PMCID: PMC9527178.
- Vicini S, Bortolotto C, Rengo M, Ballerini D, Bellini D, Carbone I, Preda L, Laghi A, Coppola F, Faggioni L. **A narrative review on current imaging applications of artificial intelligence and radiomics in oncology: focus on the three most common cancers.** Radiol Med. 2022 Aug;127(8):819-836. doi: 10.1007/s11547-022-01512-6. Epub 2022 Jun 30. PMID: 35771379.
- Stella GM, Scialò F, Bortolotto C, Agustoni F, Sanci V, Saddi J, Casali L, Corsico AG, Bianco A. **Pragmatic Expectancy on Microbiota and Non-Small Cell Lung Cancer: A Narrative Review.** Cancers (Basel). 2022 Jun 26;14(13):3131. doi: 10.3390/cancers14133131. PMID: 35804901; PMCID: PMC9264919.
- Deka JB, Deka NK, Shah MV, Bortolotto C, Draghi F, Jimenez F. **Isolated partial tear of extensor digitorum longus tendon with overlying muscle herniation in acute ankle sports injury: role of high resolution musculoskeletal ultrasound.** J Ultrasound. 2022 Jun;25(2):369-377. doi: 10.1007/s40477-021-00572-0. Epub 2021 Mar 3. PMID: 33660207; PMCID: PMC9148343.

Publications in indexed journals 2022bis

-Draghi F, Ferrozzì G, Ballerini D, Bortolotto C. **Psoriatic arthritis: Ultrasound peculiarities with particular emphasis on enthesitis**. J Clin Ultrasound. 2022 May;50(4):556-560. doi: 10.1002/jcu.23170. Epub 2022 Mar 2. PMID: 35238049.

-Tagliafico AS, Campi C, Bianca B, Bortolotto C, Buccicardi D, Francesca C, Prost R, Rengo M, Faggioni L. **Blockchain in radiology research and clinical practice: current trends and future directions**. Radiol Med. 2022 Apr;127(4):391-397. doi: 10.1007/s11547-022-01460-1. Epub 2022 Feb 23. PMID: 35194720; PMCID: PMC8863512.

-Stella GM, D'Agnano V, Piloni D, Saracino L, Lettieri S, Mariani F, Lancia A, Bortolotto C, Rinaldi P, Falanga F, Primiceri C, Corsico AG, Bianco A. **The oncogenic landscape of the idiopathic pulmonary fibrosis: a narrative review**. Transl Lung Cancer Res. 2022 Mar;11(3):472-496. doi: 10.21037/tlcr-21-880. PMID: 35399571; PMCID: PMC8988078.

-Vola A, Mariconti M, Lissandrin R, Cuzzocrea F, Bortolotto C, Sammarchi L, Vercelli A, Rinaldi P, Maestri M, Manciuoli T, Brunetti E. **Prospective collection of clinical data on cystic echinococcosis: experience with the European Registry of Cystic Echinococcosis in Pavia, Italy**. Trans R Soc Trop Med Hyg. 2022 Feb 1;116(2):157-162. doi: 10.1093/trstmh/trab097. PMID: 34323274.

-Perrotta F, Chino V, Allocca V, D'Agnano V, Bortolotto C, Bianco A, Corsico AG, Stella GM. **Idiopathic pulmonary fibrosis and lung cancer: targeting the complexity of the pharmacological interconnection**. Expert Rev Respir Med. 2022 Oct;16(10):1043-1055. doi: 10.1080/17476348.2022.2145948. Epub 2022 Nov 16. PMID: 36369920.

-Levi G, Rocchetti C, Mei F, Stella GM, Lettieri S, Lococo F, Taccari F, Seguiti C, Fantoni M, Natali F, Candoli P, Bortolotto C, Pinelli V, Mondoni M, Carlucci P, Fabbri A, Trezzi M, Vannucchi L, Bonifazi M, Porcarelli F, Gasparini S, Sica G, Valente T, Biondini D, Damin M, Liani V, Tamburrini M, Sorino C, Mezzasalma F, Scaramozzino MU, Pini L, Bezzi M, Marchetti GP. **Diagnostic role of internal mammary lymph node involvement in tuberculous pleurisy: a multicenter study**. Pulmonology. 2022 Feb 18:S2531-0437(22)00022-8. doi: 10.1016/j.pulmoe.2022.01.010. Epub ahead of print. PMID: 35190300.

-Granata V, Faggioni L, Grassi R, Fusco R, Reginelli A, Rega D, Maggialelli N, Buccicardi D, Frittoli B, Rengo M, Bortolotto C, Prost R, Lacasella GV, Montella M, Ciaghi E, Bellifemine F, De Muzio F, Grazzini G, De Filippo M, Cappabianca S, Laghi A, Grassi R, Brunese L, Neri E, Miele V, Coppola F. **Structured reporting of computed tomography in the staging of colon cancer: a Delphi consensus proposal**. Radiol Med. 2022 Jan;127(1):21-29. doi: 10.1007/s11547-021-01418-9. Epub 2021 Nov 6. PMID: 34741722; PMCID: PMC8795004.

Publications in indexed journals 2021

-Soda P, D'Amico NC, Tessadori J, Valbusa G, Guarrasi V, Bortolotto C, Akbar MU, Sicilia R, Cordelli E, Fazzini D, Cellina M, Oliva G, Callea G, Panella S, Cariati M, Cozzi D, Miele V, Stellato E, Carrafiello G, Castorani G, Simeone A, Preda L, Iannello G, Del Bue A, Tedoldi F, Alí M, Sona D, Papa S. **AlforCOVID: Predicting the clinical outcomes in patients with COVID-19 applying AI to chest-X-rays. An Italian multicentre study**. Med Image Anal. 2021 Dec;74:102216. doi: 10.1016/j.media.2021.102216. Epub 2021 Aug 28. PMID: 34492574; PMCID: PMC8401374.

-Saracino L, Bortolotto C, Tomaselli S, Fraolini E, Bosio M, Accordino G, Agustoni F, Abbott DM, Pozzi E, Eleftheriou D, Morbini P, Rinaldi P, Primiceri C, Lancia A, Comoli P, Filippi AR, Stella GM. **Integrating data from multidisciplinary Management of Malignant Pleural Mesothelioma: a cohort study**. BMC Cancer. 2021 Jul 1;21(1):762. doi: 10.1186/s12885-021-08532-x. PMID: 34210265; PMCID: PMC8252222.

Publications in indexed journals 2021bis

-Schneebeli A, Fiorina I, Bortolotto C, Barbero M, Falla D, Cescon C, Raciti MV, Tarantino F, Preda L. **Shear wave and strain sonoelastography for the evaluation of the Achilles tendon during isometric contractions**. Insights Imaging. 2021 Feb 17;12(1):26. doi: 10.1186/s13244-021-00974-y. PMID: 33598763; PMCID: PMC7889779.

-Granata V, Coppola F, Grassi R, Fusco R, Tafuto S, Izzo F, Reginelli A, Maggialelli N, Buccicardi D, Frittoli B, Rengo M, Bortolotto C, Prost R, Lacasella GV, Montella M, Ciaghi E, Bellifemine F, De Muzio F, Danti G, Grazzini G, De Filippo M, Cappabianca S, Barresi C, Iafrate F, Stoppino LP, Laghi A, Grassi R, Brunese L, Neri E, Miele V, Faggioni L. **Structured Reporting of Computed Tomography in the Staging of Neuroendocrine Neoplasms: A Delphi Consensus Proposal**. Front Endocrinol (Lausanne). 2021 Nov 30;12:748944. doi: 10.3389/fendo.2021.748944. PMID: 34917023; PMCID: PMC8670531.

-Granata V, Morana G, D'Onofrio M, Fusco R, Coppola F, Grassi F, Cappabianca S, Reginelli A, Maggialelli N, Buccicardi D, Barile A, Rengo M, Bortolotto C, Urraro F, La Casella GV, Montella M, Ciaghi E, Bellifemine F, De Muzio F, Danti G, Grazzini G, Barresi C, Brunese L, Neri E, Grassi R, Miele V, Faggioni L. **Structured Reporting of Computed Tomography and Magnetic Resonance in the Staging of Pancreatic Adenocarcinoma: A Delphi Consensus Proposal**. Diagnostics (Basel). 2021 Nov 3;11(11):2033. doi: 10.3390/diagnostics11112033. PMID: 34829384; PMCID: PMC8621603.

-Catania R, Belloni E, Preda L, Bortolotto C, Scagnelli P, Calliada F. Odontogenic-Like Pain in Partial Edentulism: **An Unusual Presentation of Diffuse Large B-Cell Lymphoma of the Mandible**. Indian J Radiol Imaging. 2022 Jan 10;31(4):1053-1056. doi: 10.1055/s-0041-1741552. PMID: 35136528; PMCID: PMC8817793.

-Granata V, Grassi R, Miele V, Larici AR, Sverzellati N, Cappabianca S, Brunese L, Maggialelli N, Borghesi A, Fusco R, Balbi M, Urraro F, Buccicardi D, Bortolotto C, Prost R, Rengo M, Baratella E, De Filippo M, Barresi C, Palmucci S, Busso M, Calandriello L, Sansone M, Neri E, Coppola F, Faggioni L. **Structured Reporting of Lung Cancer Staging: A Consensus Proposal**. Diagnostics (Basel). 2021 Aug 30;11(9):1569. doi: 10.3390/diagnostics11091569. PMID: 34573911; PMCID: PMC8465460.

-Granata V, Pradella S, Cozzi D, Fusco R, Faggioni L, Coppola F, Grassi R, Maggialelli N, Buccicardi D, Lacasella GV, Montella M, Ciagli E, Bellifemine F, De Filippo M, Rengo M, Bortolotto C, Prost R, Barresi C, Cappabianca S, Brunese L, Neri E, Grassi R, Miele V. **Computed Tomography Structured Reporting in the Staging of Lymphoma: A Delphi Consensus Proposal.** J Clin Med. 2021 Sep 4;10(17):4007. doi: 10.3390/jcm10174007. PMID: 34501455; PMCID: PMC8432477.

Publications in indexed journals 2021ter

- Romei C, Fanni SC, Volpi F, Milazzo A, D'Amore CA, Colligiani L, Neri E, De Liperi A, Stella GM, Bortolotto C. **New Updates of the Imaging Role in Diagnosis, Staging, and Response Treatment of Malignant Pleural Mesothelioma.** Cancers (Basel). 2021 Aug 30;13(17):4377. doi: 10.3390/cancers13174377. PMID: 34503186; PMCID: PMC8430786.
- Lisini D, Lettieri S, Nava S, Accordino G, Frigerio S, Bortolotto C, Lancia A, Filippi AR, Agustoni F, Pandolfi L, Piloni D, Comoli P, Corsico AG, Stella GM. **Local Therapies and Modulation of Tumor Surrounding Stroma in Malignant Pleural Mesothelioma: A Translational Approach.** Int J Mol Sci. 2021 Aug 20;22(16):9014. doi: 10.3390/ijms22169014. PMID: 34445720; PMCID: PMC8396500.
- Belloni E, Tentoni S, Fiorina I, Bortolotto C, Bottinelli O, Cellina M, Gibelli D, Rosti C, Preda L, Calliada F, Scagnelli P. **Reported and Unreported Potentially Important Incidental Findings in Urgent Nonenhanced Abdominal CT for Renal Colic.** Med Princ Pract. 2021;30(4):355-360. doi: 10.1159/000515852. Epub 2021 Mar 15. PMID: 33721865; PMCID: PMC8436713.
- Draghi F, Bortolotto C, Ferrozzi G. **Soleus strain: an underestimated injury?** J Ultrasound. 2021 Jun;24(2):201-203. doi: 10.1007/s40477-020-00555-7. Epub 2021 Jan 5. PMID: 33400251; PMCID: PMC8137742.
- Stella GM, Piloni D, Accordino G, Grosso A, Albicini F, Gini E, Mancinelli S, Della Zoppa M, Marchelli APG, Bortolotto C, Corsico AG. **COVID-19 epidemic in a Respiratory Diseases Unit: predictor ranking and mining.** J Thorac Dis. 2021 Apr;13(4):2569-2574. doi: 10.21037/jtd-20-2934. PMID: 34012603; PMCID: PMC8107544.
- Draghi F, Bortolotto C, Ferrozzi G. **Distal Biceps Brachii Tendon Insertion: A Simple Method of Ultrasound Evaluation.** J Ultrasound Med. 2021 Apr;40(4):811-813. doi: 10.1002/jum.15459. Epub 2020 Aug 31. PMID: 32865288.
- Lettieri S, Oggionni T, Lancia A, Bortolotto C, Stella GM. **Immune Stroma in Lung Cancer and Idiopathic Pulmonary Fibrosis: A Common Biologic Landscape?** Int J Mol Sci. 2021 Mar 12;22(6):2882. doi: 10.3390/ijms22062882. PMID: 33809111; PMCID: PMC8000622.
- Lettieri S, Bortolotto C, Agustoni F, Lococo F, Lancia A, Comoli P, Corsico AG, Stella GM. **The Evolving Landscape of the Molecular Epidemiology of Malignant Pleural Mesothelioma.** J Clin Med. 2021 Mar 3;10(5):1034. doi: 10.3390/jcm10051034. PMID: 33802313; PMCID: PMC7959144.
- Casale S, Bortolotto C, Stella GM, Filippi AR, Gitto S, Bottinelli OM, Carnevale S, Morbini P, Preda L. **Recent advancement on PD-L1 expression quantification: the radiologist perspective on CT-guided FNAC.** Diagn Interv Radiol. 2021 Mar;27(2):214-218. doi: 10.5152/dir.2021.19545. PMID: 33455898; PMCID: PMC7963389.
- Bortolotto C, Lancia A, Stelitano C, Montesano M, Merizzoli E, Agustoni F, Stella G, Preda L, Filippi AR. **Radiomics features as predictive and prognostic biomarkers in NSCLC.** Expert Rev Anticancer Ther. 2021 Mar;21(3):257-266. doi: 10.1080/14737140.2021.1852935. Epub 2020 Dec 4. PMID: 33216651.

Publications in indexed journals 2020

- Tirelli C, Bortolotto C, Morbini P, Stella GM. **Case Report: All That Glitters Is Not* Cancer.** Front Med (Lausanne). 2020 Nov 30;7:541629. doi: 10.3389/fmed.2020.541629. PMID: 33330521; PMCID: PMC7734188.
- Belloni E, Tentoni S, Puci MV, Bortolotto C, Bottinelli O, Cellina M, Gibelli D, Rosti C, Oliva G, Montomoli C, Preda L, Calliada F, Scagnelli P. **Patient Perception of Musculoskeletal MR: A Survey Research.** Curr Med Imaging. 2020 Jan 6. doi: 10.2174/1573405616666200107105743. Epub ahead of print. PMID: 33135611.
- Tirelli C, Zanframundo G, Valentini A, Bortolotto C, Dore R, Oggionni T, Milani P, Bravi E, Kadja Z, Mariani F, Codullo V, Morbini P, Palladini G, Meloni F, Cavagna L. **CT-guided biopsy in the differential diagnosis of Sjogren syndrome associated cystic lung disease: A case of lung nodular AL-k amyloidosis.** Radiol Case Rep. 2020 Sep 14;15(11):2331-2334. doi: 10.1016/j.radcr.2020.08.012. PMID: 32994835; PMCID: PMC7501412.
- Draghi F, Bortolotto C, Ferrozzi G. **Distal Biceps Brachii Tendon Insertion: A Simple Method of Ultrasound Evaluation.** J Ultrasound Med. 2020 Aug 31. doi: 10.1002/jum.15459. Epub ahead of print. PMID: 32865288.
- Accordino G, Lettieri S, Bortolotto C, Benvenuti S, Gallotti A, Gattoni E, Agustoni F, Pozzi E, Rinaldi P, Primiceri C, Morbini P, Lancia A, Stella GM. **From Interconnection between Genes and Microenvironment to Novel Immunotherapeutic Approaches in Upper Gastro-Intestinal Cancers-A Multidisciplinary Perspective.** Cancers (Basel). 2020 Jul 29;12(8):2105. doi: 10.3390/cancers12082105. PMID: 32751137; PMCID: PMC7465773.
- Vancheri SG, Saviotto G, Ballati F, Maggi A, Canino C, Bortolotto C, Valentini A, Dore R, Stella GM, Corsico AG, Iotti GA, Mojoli F, Perlini S, Bruno R, Preda L. **Radiographic findings in 240 patients with COVID-19 pneumonia: time-dependence after the onset of symptoms.** Eur Radiol. 2020 Nov;30(11):6161-6169. doi: 10.1007/s00330-020-06967-7. Epub 2020 May 30. PMID: 32474630; PMCID: PMC7260475.
- Abbott DM, Bortolotto C, Benvenuti S, Lancia A, Filippi AR, Stella GM. **Malignant Pleural Mesothelioma: Genetic and Microenvironmental Heterogeneity as an Unexpected Reading Frame and Therapeutic Challenge.** Cancers (Basel). 2020 May 7;12(5):1186. doi: 10.3390/cancers12051186. PMID: 32392897; PMCID: PMC7281319.

Publications in indexed journals 2020bis

- Draghi F, Ferrozzi G, Bortolotto C, Ballerini D, Fiorina I, Preda L. **Sonography before and after carpal tunnel release: video article.** J Ultrasound. 2020 Sep;23(3):363-364. doi: 10.1007/s40477-020-00465-8. Epub 2020 May 6. PMID: 32378166; PMCID: PMC7441125.
- Draghi F, Bortolotto C, Ballerini D, Preda L. **Ultrasonography of the ulnar nerve in the elbow: video article.** J Ultrasound. 2020 Sep;23(3):335-336. doi: 10.1007/s40477-020-00451-0. Epub 2020 Mar 28. PMID: 32222947; PMCID: PMC7441104.
- Draghi F, Lomoro P, Bortolotto C, Mastrogirolamo L, Calliada F. **Comparison between a new ultrasound probe with a capacitive micromachined transducer (CMUT) and a traditional one in musculoskeletal pathology.** Acta Radiol. 2020 Mar 4;284185120907983. doi: 10.1177/0284185120907983. Epub ahead of print. PMID: 32131609.
- Robotti G, Draghi F, Bortolotto C, Canepa MG. **Ultrasound of sports injuries of the musculoskeletal system: gender differences.** J Ultrasound. 2020 Sep;23(3):279-285. doi: 10.1007/s40477-020-00438-x. Epub 2020 Mar 4. PMID: 32130686; PMCID: PMC7441110.
- Du Y, Goddi A, Bortolotto C, Shen Y, Dell'Era A, Calliada F, Zhu L. **Wall Shear Stress Measurements Based on Ultrasound Vector Flow Imaging: Theoretical Studies and Clinical Examples.** J Ultrasound Med. 2020 Aug;39(8):1649-1664. doi: 10.1002/jum.15253. Epub 2020 Mar 3. PMID: 32124997; PMCID: PMC7497026.
- Franconeri A, Ballati F, Panzuto F, Raciti MV, Smedile A, Maggi A, Asteggiano C, Esposito M, Stoppa D, Lungarotti L, Bortolotto C, Giardini D, De Silvestri A, Calliada F. **A proposal for a semiquantitative scoring system for lymphedema using Non-contrast Magnetic Resonance Lymphography (NMRL): Reproducibility among readers and correlation with clinical grading.** Magn Reson Imaging. 2020 May;68:158-166. doi: 10.1016/j.mri.2020.02.004. Epub 2020 Feb 10. PMID: 32057940.
- Bortolotto C, Maglia C, Ciuffreda A, Coretti M, Catania R, Antonacci F, Carnevale S, Sarotto I, Dore R, Filippi AR, Chiara G, Regge D, Preda L, Morbini P, Stella GM. **The growth of non-solid neoplastic lung nodules is associated with low PD L1 expression, irrespective of sampling technique.** J Transl Med. 2020 Feb 3;18(1):54. doi: 10.1186/s12967-020-02241-y. PMID: 32013991; PMCID: PMC6998829.

Publications in indexed journals 2018-2019

- Stella GM, Kolling S, Benvenuti S, Bortolotto C. **Lung-Seeking Metastases.** Cancers (Basel). 2019 Jul 19;11(7):1010. doi: 10.3390/cancers11071010. PMID: 31330946; PMCID: PMC6678078.
- Draghi F, Cocco G, Lomoro P, Bortolotto C, Schiavone C. **Non-rotator cuff calcific tendinopathy: ultrasonographic diagnosis and treatment.** J Ultrasound. 2020 Sep;23(3):301-315. doi: 10.1007/s40477-019-00393-2. Epub 2019 Jun 13. PMID: 31197633; PMCID: PMC7441123.
- Stella GM, Bortolotto C, Filippi AR. **Intrathoracic core needle biopsy and repeat biopsy for PD-L1 evaluation in non-small cell lung cancer.** J Thorac Dis. 2018 Nov;10(Suppl 33):S4031-S4033.
- Belloni E, Tentoni S, Puci MV, Avogliero F, Della Latta D, Storti S, Alberti B, Bottoni A, Bortolotto C, Fiorina I, Montomoli C, Chiappino D. **Effect of iodinated contrast medium on thyroid function: a study in children undergoing cardiac computed tomography.** Pediatr Radiol. 2018 Sep;48(10):1417-1422.
- Pichiechio A, Alessandrino F, Bortolotto C, Cerica A, Rosti C, Raciti MV, Rossi M, Berardinelli A, Baranello G, Bastianello S, Calliada F. **Muscle ultrasound elastography and MRI in preschool children with Duchenne muscular dystrophy.** Neuromuscul Disord. 2018 Jun;28(6):476-483.
- Draghi F, Bortolotto C, Draghi AG, Gitto S. **Intrasheath Instability of the Peroneal Tendons: Dynamic Ultrasound Imaging.** J Ultrasound Med. 2018 Dec;37(12):2753-2758.
- Goddi A, Bortolotto C, Raciti MV, Fiorina I, Aiani L, Magistretti G, Sacchi A, Tinelli C, Calliada F. **High-Frame Rate Vector Flow Imaging of the Carotid Bifurcation in Healthy Adults: Comparison With Color Doppler Imaging.** J Ultrasound Med. 2018 Sep;37(9):2263-2275.

Publications in indexed journals 2016-2017

- Bortolotto C, Turpini E, Felisaz P, Fresilli D, Fiorina I, Raciti MV, Belloni E, Bottinelli O, Cantisani V, Calliada F. **Median nerve evaluation by shear wave elastosonography: impact of "bone-proximity" artifacts.** J Ultrasound. 2017 Nov 17;20(4):293-299.
- Bortolotto C, Federici E, Draghi F, Bianchi S. **Sonographic diagnosis of a radiographically occult displaced fracture of a costal cartilage.** J Clin Ultrasound. 2017 Nov 12;45(9):605-607.
- Goddi A, Fanizza M, Bortolotto C, Raciti MV, Fiorina I, He X, Du Y, Calliada F. **Vector flow imaging techniques: An innovative ultrasonographic technique for the study of blood flow.** J Clin Ultrasound. 2017 Nov 12;45(9):582-588.
- Bortolotto C, Lungarotti L, Fiorina I, Zacchino M, Draghi F, Calliada F. **Influence of subjects' characteristics and technical variables on muscle stiffness measured by shear wave elastosonography.** J Ultrasound. 2017 Mar 1;20(2):139-146.
- Goddi A, Bortolotto C, Fiorina I, Raciti MV, Fanizza M, Turpini E, Boffelli G, Calliada F. **High-frame rate vector flow imaging of the carotid bifurcation.** Insights Imaging. 2017 Jun;8(3):319-328.

- Bianchi S, Bortolotto C, Draghi F. **Os peroneum imaging: normal appearance and pathological findings.** Insights Imaging. 2017 Feb;8(1):59-68.
- Draghi F, Gitto S, Bortolotto C, Draghi AG, Ori Belometti G. **Imaging of plantar fascia disorders: findings on plain radiography, ultrasound and magnetic resonance imaging.** Insights Imaging. 2017 Feb;8(1):69-78.
- Draghi F, Bortolotto C, Coscia DR, Canepari M, Gitto S. **Magnetic resonance imaging of degenerative changes of the posterior cruciate ligament.** Acta Radiol. 2017 Mar;58(3):338-343.
- Minafra P, Bortolotto C, Rampinini E, Calliada F, Monetti G. **Quantitative Elastasonography of the Myotendinous Junction.** J Ultrasound Med. 2017 Jan;36(1):141-147.
- Fiorina I, Raciti MV, Goddi A, Cantisani V, Bortolotto C, Chu S, Calliada F. **Ultrasound Vector Flow Imaging - could be a new tool in evaluation of arteriovenous fistulas for hemodialysis?** J Vasc Access. 2017 Jul 14;18(4):284-289.
- Gitto S, Draghi AG, Bortolotto C, Draghi F. **Sonography of the Achilles Tendon After Complete Rupture Repair: What the Radiologist Should Know.** J Ultrasound Med. 2016 Dec;35(12):2529-2536.
- Manzo A, Benaglio F, Vitolo B, Bortolotto C, Zibera F, Todoerti M, Alpini C, Bugatti S, Caporali R, Calliada F, Montecucco C. **Power Doppler ultrasonographic assessment of the joint-draining lymph node complex in rheumatoid arthritis: a prospective, proof-of-concept study on treatment with tumor necrosis factor inhibitors.** Arthritis Res Ther. 2016 Oct 22;18(1):242.
- Bortolotto C, Ori Belometti G, Rodolico G, Draghi F. **Plasmacytoma of the testis in a patient with previous multiple myeloma: sonographic appearance.** J Ultrasound. 2016 Jan 25;19(2):153-5.
- Draghi F, Ferrozzi G, Urcioli L, Bortolotto C, Bianchi S. **Hoffa's fat pad abnormalities, knee pain and magnetic resonance imaging in daily practice.** Insights Imaging. 2016 Jun;7(3):373-83.

Publications in indexed journals 2014-2015

- Bortolotto C, Draghi F. **Rupture of the sheath of the extensor carpi ulnaris tendon in a patient affected by rheumatoid arthritis.** J Ultrasound. 2015 Dec 30;19(1):77-9.
- Draghi F, Bortolotto C. **Importance of the ultrasound in cubital tunnel syndrome.** Surg Radiol Anat. 2016 Mar;38(2):265-8.
- Bortolotto C, Eshja E, Peroni C, Orlandi MA, Bizzotto N, Poggi P. **3D Printing of CT Dataset: Validation of an Open Source and Consumer-Available Workflow.** J Digit Imaging. 2016 Feb;29(1):14-21.
- Draghi F, Scudeller L, Draghi AG, Bortolotto C. **Prevalence of subacromial-subdeltoid bursitis in shoulder pain: an ultrasonographic study.** J Ultrasound. 2015 Apr 2;18(2):151-8.
- Alessi S, Bortolotto C, Carone L. **Ultrasound findings in the omental bursa: a short pictorial essay.** J Ultrasound. 2013 Sep 21;18(1):63-66.
- Draghi F, Bortolotto C, Draghi AG, Gregoli B. **Musculoskeletal Sonography for Evaluation of Anatomic Variations of Extensor Tendon Synovial Sheaths in the Wrist.** J Ultrasound Med. 2015 Aug;34(8):1445-52.
- Depaoli R, Canepari E, Bortolotto C, Ferrozzi G. **Morel-Lavallée lesion of the knee in a soccer player.** J Ultrasound. 2015 Jan 21;18(1):87-9.
- Draghi F, Gregoli B, Bortolotto C. **Absence of elevation of fibular tendons during dorsal hyperflexion of the foot: a sign of loss of the calcaneofibular ligament.** J Ultras Med. 2014 Jul; 33(7):1307-8.
- Draghi F, Bortolotto C. **Intersection syndrome: ultrasound imaging.** Skeletal Radiol. 2014 Mar; 43(3):283-7.
- Draghi F, Gregoli B, Bortolotto C. **Pisiform bursitis: a forgotten pathology.** J Clin Ultrasound. 2014 Nov-Dec; 42(9):560-1.
- Rossi S, Viera FT, Ghittoni G, Cobianchi L, Rosa LL, Siciliani L, Bortolotto C, Veronese L, Vercelli A, Gallotti A, Ravetta V. **Radiofrequency ablation of pancreatic neuroendocrine tumors: a pilot study of feasibility, efficacy, and safety.** Pancreas. 2014 Aug; 43(6):938-45.

Publications in indexed journals 2011-2013

- Quilgotti C, Merico V, Bortolotto C. **Role of color-Doppler US in the evaluation of scrotal edema.** J Ultrasound. 2013 Oct 10; 16(4):227-9.
- Gregoli B, Bortolotto C, Draghi F. **Elbow nerves: normal sonographic anatomy and identification of the structures potentially associated with nerve compression. A short pictorial-video article.** J Ultrasound. 2013 Jul 31; 16(3):119-21.
- Robotti G, Canepa MG, Bortolotto C, Draghi F. **Interventional musculoskeletal US: an update on materials and methods.** J Ultrasound. 2013 Apr 30; 16(2):45-55.
- Bortolotto C, Carone L, Draghi F. **An antecubital fossa "cyst" caused by postoperative kinking of the brachial artery.** J Ultrasound. 2013 Feb 26; 16(1):29-31.
- Bortolotto C, Macchi S, Veronese L, Dore R, Draghi F, Rossi S. **Radiofrequency ablation of metastatic lesions from breast cancer.** J Ultrasound. 2012 Sep; 15(3):199-205.
- Tarallo V, Canepari E, Bortolotto C. **Intraductal papilloma of the breast: A case report.** J Ultrasound. 2012 Jun; 15(2):99-101.
- Bortolotto C, Gregoli B, Coscia DR, Draghi F. **Septic complications involving hand and wrist in patients with pre-existing rheumatoid arthritis: The role of magnetic resonance imaging and sonography.** J Ultrasound. 2012 Jun; 15(2):115-20.

- Meola M, Petrucci I, Bortolotto C, Carone L. **[Ultrasound and color Doppler in nephrology. Technology and applications]**. G Ital Nefrol. 2012 Mar-Apr; 29(2):210-23. Italian.
- Bortolotto C, Coscia DR, Ferrozzi G. **Enthesitis of the direct tendon of the rectus femoris muscle in a professional volleyball player: A case report**. J Ultrasound. 2011 Jun; 14(2):95-8.
- Presazzi A, Bortolotto C, Zacchino M, Madonia L, Draghi F. **Carpal tunnel: Normal anatomy, anatomical variants and ultrasound technique**. J Ultrasound. 2011 Mar; 14(1):40-6.

● NETWORKS AND MEMBERSHIPS

Memberships

- **SIRM** - Italian Society for Radiology in Medicine (from 2010)
 - from 2019 to 2023 Member of the subcommittee for "Radiology Informatics"
- **SIUMB** - Italian Society for Ultrasound in Medicine and Biology (from 2011)
 - from 2019 to 2023 Member of the Board of directors
- **RSNA** - Radiological Society of North America (from 2011)
- **ESR** - European Society of Radiology (from 2012)
- **EUSOMI** - European Society of Medical Imaging Informatics (from 2019)
- Member of the local organizing committee for the Euroson School "2nd Sonoelastography international Meeting" Pavia (Italy) 3-5 October 2012.

● PROJECTS

Projects

- Principal Investigator of the 2024 Current Research project **"MICRORAD - Radiomic analysis beyond the cell: unveiling the extracellular matrix through the synergy with Micro-CT"** funded in 2024 with €60,000
- Co-PI of the 2024 Current Research project **"RADIOPAH Radiomic Analysis for Diagnosis Of Invasive Pulmonary Aspergillosis in Hematologic patients"** funded in 2024 with €60,000
- 2022 Co-Principal investigator of the Project of National Relevance (PRIN) **"Mesenteric fibrosis in small bowel neuroendocrine neoplasms: histologic quantification, clinical correlation and radiomic approach"**. Project code MUR 2022H8F797_002 – Project CUP F53D23006690001. Unit founded with €104.657
- 2022 Collaborator of the Project of National Relevance (PRIN) **"A Unitary Mathematical Framework for Modelling Muscular Dystrophies"**, Project code MUR: P2022Z7ZAJ – Project CUP F53D23010120001
- 2020 Investigator Under 40 for the finalized research project **"Model for Optimized Implementation of Early Lung Cancer Detection: Prospective Evaluation Of Preventive Lung Health (PEOPLE)"** financed in 2020 by the Ministry of Health with €500.000 over 3 years. The multicentre project also involves the complex structure Radiology Sciences (Diagnostic Department) of the University Hospital of Parma and the UOC Radiology I, AOU Policlinico-Vittorio Emanuele, Catania
- 2019 Principal Investigator of the Current Research project **"Magnetic Resonance as a specific tool to dissect microenvironment in proliferative lung disease"** funded in 2019 with €150.000 over 3 years
- 2015 **Elastosonography Shear Wave: normal value and possible influence of subjects' characteristics and technical variables**. Fondazione IRCSS Policlinico San Matteo, Pavia (Italy) 2015.
- 2011 **Diagnostic accuracy of fusion imaging technique US/MR vs CEMR in the diagnosis of synovitis in arthritic patients**. Fondazione IRCSS Policlinico San Matteo, Pavia (Italy)
- 2009 **Validation of a new classification of hepatocellular carcinoma and research of a prognostic score**. Fondazione IRCSS Policlinico San Matteo, Pavia (Italy) 2009

● BOOK CHAPTER

Book Chapter

1. Calliada F, Cantisani V, Bortolotto C, Grazhdani H, David E, Masciot AP, Isidori A. (2017) **Elastography of small parts**. In R. G. Barr (Ed.) Elastography: a practical approach. New York, NY: Thieme.
2. Cantisani V, Grazhdani H, David E, Dietrich CF, Radzina M, Masciotra AP, Bortolotto C, Calliada F, D'Ambrosio F. (2017) Thyroid Gland. In D. A. Clevert, M. D'Onofrio, E. Quaia (Eds.) Atlas of Elastosonography. Clinical Applications with Imaging Correlations. Cham, Switzerland: Springer.
3. Ori Belometti G, Bortolotto C, Precerutti M. (2016) **Polso**. In S. Galletti (Ed.) Atlante di anatomia ecografica e biomeccanica muscoloscheletrica. Padova, Italia: Piccin.
4. Bortolotto C, Torresi M, Gitto S. (2016) **Gomito e avambraccio**. In S. Galletti (Ed.) Atlante di anatomia ecografica e biomeccanica muscoloscheletrica. Padova, Italia: Piccin.
5. Calliada F, Bortolotto C, Fiorina I, Scagnelli P, Rodolico G, Bozzani A, Quaretti P. (2016) **L'imaging post-operatorio delle carotidi**. In A. Carriero (Ed.) L'imaging nel post-operatorio. Napoli, Italia: Idelson-Gnocchi.
6. Bortolotto C, Khung S, Pagniez J, Remy J, Remy-Jardin M. (2016) **CT of Pulmonary Thromboembolic Disease**. In Schoepf UJ, Meinel FG (Eds.) Multidetector-Row CT of the Thorax. New York, NY: Springer.