



Guido Marchi

ID: MRCGDU90R27E715A Nationality: Italian, Canadian Date of birth: 27/10/1990

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ABOUT MYSELF

Permanent Senior Consultant in Respiratory Medicine
Medical Doctor, Specialist in Respiratory Medicine

WORK EXPERIENCE

🏢 **Pulmonary Unit, Cardiothoracic and Vascular Department, Pisa University Hospital – Pisa, Italy**

City: Pisa | Country: Italy

Permanent Senior Consultant in Respiratory Medicine

[23/12/2020 – Current]

Specialized Respiratory Care for Patients with Acute and Chronic Respiratory System Disorders in Outpatient Clinics, General Ward, and Sub-Intensive Respiratory Therapy Unit.

- Outpatient Clinical Activities: Management, Diagnosis, and Treatment of Chronic Respiratory Conditions, such as Chronic Obstructive Pulmonary Disease (COPD), Chronic Respiratory Failure, Bronchial Asthma, Severe Asthma, Bronchiectasis, Interstitial Lung Diseases, Respiratory Disorders Secondary to Neuromuscular Conditions, Pleural Pathology, Lung Oncology, and Solitary Pulmonary Nodule.
- Respiratory Pathophysiology Activities: Management and Use of Instruments for Performing, Interpreting, and Reporting Respiratory Function Tests (Simple and Comprehensive Spirometry, Pharmacological Bronchodilation Testing, Body Plethysmography, Carbon Monoxide Alveolar-Capillary Diffusion, Six-Minute Walking Test, Baseline Oxygen Saturation, and Arterial Blood Gas Analysis).
- Clinical Activities in General Ward: Assessment, Diagnosis, and Treatment of Subacute and Chronic Respiratory Patients. Management of Acute and Chronic Respiratory Insufficiency, COPD, Bronchial Asthma, Diagnosis and Treatment of Diffuse Interstitial Lung Diseases, Diagnosis of Chest Oncological Diseases, Diagnosis and Treatment of Pulmonary Infectious Diseases, Diagnosis and Treatment of Pleural Diseases, Basic Bronchial Endoscopy with Flexible Fiberoptic Bronchoscope.
- Clinical Activities in Sub-Intensive Respiratory Therapy Unit: Assessment, Diagnosis, and Treatment of Acute and Subacute Respiratory Patients. Management of Severe Acute Respiratory Failure, Hypoxemic-Hypercapnic Respiratory Failure. Non-Invasive and Invasive Mechanical Ventilation. Weaning from Mechanical Ventilation.
- Methods Utilized: Conventional Oxygen Therapy, High-Flow Nasal Cannula Oxygen Therapy (HFNC), Non-Invasive and Invasive Mechanical Ventilation, Chest Ultrasound, Thoracentesis, Chest Drainage, Flexible Fiberoptic Bronchoscopy.

🏢 **Pulmonary Unit, Cardiothoracic and Vascular Department, Pisa University Hospital – Pisa, Italy**

City: Pisa | Country: Italy

Independent Work Assignment as Consultant in Respiratory Medicine

[02/11/2020 – 22/12/2020]

Specialized Care for Patients with Acute and Chronic Respiratory System Disorders.

🏢 **University of Florence, Associated Location: University of Pisa, Department of Pulmonology – Pisa, Italy**

City: Pisa | Country: Italy

Medical Resident in Respiratory Medicine

[02/11/2016 – 02/11/2020]

- Specialized Clinical Activities at the Pulmonology Department, University Hospital of Pisa: General Ward, Sub-Intensive Respiratory Therapy Unit, General and Specialized Outpatient Clinics.
- Specialized Clinical Activities at the Pulmonology Department, University Hospital of Pisa: COVID-19 Ward, Global Health Emergency COVID-19.
- Rotations at the Pulmonology Unit of the "Gabriele Monasterio" Tuscan Foundation, Hospital Facility in Pisa (within the CNR Research Area).
- Rotations at the Thoracic Endoscopy Division, University Hospital of Pisa.
- Rotations at the Thoracic Surgery Unit, University Hospital of Pisa.
- Rotations at the Pulmonology Ward of San Luca Hospital in Lucca.

 – Lucca, Italy

City: Lucca | Country: Italy

Registration with the Medical Association of Surgeons of the Province of Lucca

[10/03/2016]

EDUCATION AND TRAINING

PhD Course in Clinical Physiopathology

University of Pisa [01/03/2025 – Current]

City: Pisa | Country: Italy

Second-level Master's Degree in Clinical Research and Experimental Methodology

University of Pisa [12/01/2024 – 13/12/2024]

City: Pisa | Country: Italy

Ongoing Master

Second-level Master's Degree in Bronchoscopy and Interventional Pulmonology

University of Florence [02/2023 – 11/2023]

City: Florence | Country: Italy | Final grade: 110 out of 110 Cum Laude

Specialization Diploma in Respiratory Medicine

University of Florence (Associated Location: University of Pisa) [02/11/2020]

City: Pisa | Country: Italy | Final grade: 70 out of 70 Cum Laude

Authorization to practice as a Medical Doctor

[2016]

City: Lucca | Country: Italy

Master's Degree in Medicine and Surgery

University of Pisa [22/09/2015]

City: Pisa | Country: Italy | Final grade: 110 out of 110 Cum Laude

High School Diploma with a Scientific Curriculum

Liceo Scientifico "E. Majorana" di Capannori [23/07/2009]

City: Lucca | Country: Italy | Final grade: 100 out of 100

LANGUAGE SKILLS

Mother tongue(s): Italiano

Other language(s):

Inglese

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

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

SKILLS

Social Network / Gmail / Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access / Windows / GoogleChrome / Use and management of email services / Browser Use Mastery

Professional Skills

Specialized Pneumology Clinical Practice in General Outpatient Clinics, Specialized Outpatient Clinics, General Ward, and Sub-Intensive Respiratory Therapy Unit.

- Outpatient Clinical Activities: Management, Diagnosis, and Treatment of Chronic Respiratory Conditions, such as Chronic Obstructive Pulmonary Disease (COPD), Chronic Respiratory Failure, Bronchial Asthma, Severe Asthma, Bronchiectasis, Interstitial Lung Diseases, Respiratory Disorders Secondary to Neuromuscular Conditions, Pleural Pathology, Lung Oncology, and Solitary Pulmonary Nodule.
- Respiratory Pathophysiology Activities: Management and Utilization of Tools for Conducting, Interpreting, and Reporting Respiratory Function Tests (Simple and Comprehensive Spirometry, Pharmacological Bronchodilation Testing, Body Plethysmography, Carbon Monoxide Alveolar-Capillary Diffusion, Six-Minute Walking Test, Baseline Oxygen Saturation, and Arterial Blood Gas Analysis).
- Clinical Activities in General Ward: Assessment, Diagnosis, and Treatment of Subacute and Chronic Respiratory Patients. Management of Acute and Chronic Respiratory Insufficiency, COPD, Bronchial Asthma, Diagnosis and Treatment of Diffuse Interstitial Lung Diseases, Diagnosis of Chest Oncological Diseases, Diagnosis and Treatment of Pulmonary Infectious Diseases, Diagnosis and Treatment of Pleural Pathologies, Basic Bronchial Endoscopy with Flexible Fiberoptic Bronchoscope.
- Clinical Activities in Sub-Intensive Respiratory Therapy: Assessment, Diagnosis, and Treatment of Acute and Subacute Respiratory Patients. Management of Severe Acute Respiratory Failure, Hypoxemic-Hypercapnic Respiratory Failure. Non-Invasive and Invasive Mechanical Ventilation. Weaning from Mechanical Ventilation.
- Methods Utilized: Conventional Oxygen Therapy, High-Flow Nasal Cannula Oxygen Therapy (HFNC), Non-Invasive and Invasive Mechanical Ventilation, Chest Ultrasound, Thoracentesis, Chest Drainage, Flexible Fiberoptic Bronchoscopy.

Professional Memberships, Scientific Society Leadership, and Expert Roles

- Member of the European Respiratory Society (ERS) since 2019
- Early Career Member Representative for the Clinical Techniques, Imaging, and Endoscopy Assembly of the European Respiratory Society (ERS) [2025-2028]
- European Respiratory Society (ERS) Clinical Research Collaboration (CRC) Working Group Early Career Member Representative [2025-2028]
- European Respiratory Society (ERS) Monograph Early Career Member Representative [2025-2028]
- Member of the American Thoracic Society (ATS) since 2023.
- American Thoracic Society (ATS) Documents Development and Implementation Committee [DDIC] Member [2025-2026]
- American Thoracic Society (ATS) Task Force on Artificial Intelligence Member [2025-2026]
- Member of the Italian Respiratory Society (SIP/IRS) since 2019
- National Secretary of the "Imaging" Study Group of the Italian Society of Pulmonology/Italian Respiratory Society (SIP/IRS) [2024-2025]
- Member of the World Association for Bronchology and Interventional Pulmonology (WABIP) since 2023.
- Member of the Italian Society of Artificial Intelligence in Medicine (SIAM) since 2023.
- Member of the Italian Society of Thoracic Endoscopy (SIET) since 2023.
- Member of the Italian Hospital Pneumologists Association - Italian Thoracic Society (AIPO-ITS) [2019-2025]

Publications

Indexed Peer-Reviewed Publications:

1. Causio FA, De Angelis L, Diedenhofen G ... Marchi G et al. Perspectives on AI use in medicine: views of the Italian Society of Artificial Intelligence in Medicine. *J Prev Med Hyg.* 2024;65(2):E285-E289. doi: 10.15167/2421-4248/jpmh2024.65.2.3261.

2. Chimera D, Maio S, Romei C ... Marchi G et al. COVID-19 pulmonary phenotypes and longitudinal patterns in the first wave of the pandemic. *Respir Med*. 2025;237:107952. doi: 10.1016/j.rmed.2025.107952.
3. Marchi G, Mercier M, Cefalo J, et al. Advanced imaging techniques and artificial intelligence in pleural diseases: a narrative review. *Eur Respir Rev*. 2025;34(176):240263. doi: 10.1183/16000617.0263-2024.
4. Marchi G, Cucchiara F, Gregori P, et al. Thoracic ultrasound for pre-procedural dynamic assessment of non-expandable lung: a non-invasive, real-time and multifaceted diagnostic tool. *J Clin Med*. 2025;14(6):2062. doi: 10.3390/jcm14062062.
5. Marchi G. The road less travelled: thoracic ultrasound, advanced imaging and artificial intelligence for early diagnosis of non-expandable lung in malignant pleural effusion. *Breathe (Sheff)*. 2025;21(3):250179. doi: 10.1183/20734735.0179-2025.
6. Marchi G, Cinquini S, Tannura F, et al. Intercostal artery screening with color Doppler thoracic ultrasound in pleural procedures: a potential yet underexplored imaging modality for minimizing iatrogenic bleeding risk in interventional pulmonology. *J Clin Med*. 2025;14(17):6326. doi: 10.3390/jcm14176326.
7. Marchi G, Gambini G, Guglielmi G et al. Valutazione comparativa di modelli linguistici di grandi dimensioni per il supporto all'educazione sanitaria del paziente con BPCO: uno studio pneumologico internazionale delle risposte generate da ChatGPT-4, Claude 3.5 Sonnet e Gemini 1.5 Advanced. *Recenti Prog Med*. 2025;116(10): 571-572. doi: 10.1701/4573.45780.
8. Marchi G. Artificial Intelligence in Interventional Pulmonology: Promise Versus Proof. *Respiration*. 2025 Oct 2:1-4. doi: 10.1159/000548742. Epub ahead of print. PMID: 41037503.
9. Gorini G, Puliti D, Picozzi G ... Marchi G et al. CCM-ITALUNG2 pilot on lung cancer screening in Italy: recruitment, integration with smoking cessation and baseline results. *Radiol Med*. 2025. doi: 10.1007/s11547-025-02109-5.

Book Chapters and Professional Guidelines:

1. Co-author of two chapters in the book "Pneumologia interventistica - Competenze e training", Prof. Corbetta, 2024 edition, published by Minerva Medica, ISBN: 9788855322300 (Chapter 7 - Skills in Pleural Procedures - Chapter 8 Skills in Thoracic Ultrasound) Co-author of the document
2. "Etica e Governance dell'Intelligenza Artificiale per la Salute", translation and adaptation of WHO guidelines on Large Multimodal Models (LMM), contextualized for the Italian National Health Service.

Academic, Clinical, and Educational Roles in Respiratory Medicine

- Member from 2023 of the ERS (European Respiratory Society) International Multicentre Pleural Research Collaborative (IMPACT), a collaboration between medical practitioners with an interest in pleural medicine, which provides a platform for pleural disease research that has both global clinical impact and relevance to patients (<https://pleuraldisease.eu/about/> ; <https://pleuraldisease.eu/members/>). General membership: currently representing 40 institutions, in 22 countries, on 5 continents. The vision of the IMPACT is to provide an international platform for pleural disease research that has global clinical impact which is relevant to patients. Personally Collaborated with the latest project and database related to "Suspected drug-induced pleural effusions".
- Educator and tutor roles within the faculty of the 15th and 16th edition Master's Degree of Bronchoscopy and Interventional Pulmonology at the University of Florence (academic year 2023/2024 and 2024/2025).
- Co-Supervisor (Thesis), University of Pisa – School of Specialization in Respiratory Diseases (Director: Prof. L. Carrozzi), 2024. Student: Dr. Lorenzo Bodo. Thesis title: "Valutazione dell'accuratezza del glucometro come test Point-Of-Care per l'analisi del glucosio nel liquido pleurico nei pazienti con versamento pleurico". Status: Completed (31 January 2025)
- Co-Supervisor (Thesis), University of Pisa – School of Specialization in Respiratory Diseases (Director: Prof. L. Carrozzi), 2025. Student: Dr. Giacomo Guglielmi. Thesis title: "Polmoniti associate a inibitori del checkpoint immunitario nei pazienti con neoplasia polmonare: analisi retrospettiva dell'incidenza nella real life e caratterizzazione multidimensionale". Status: To be discussed (7 November 2025)
- Co-Supervisor (Thesis), University of Florence - Master's Degree in Bronchoscopy and Interventional Pulmonology (Director: Prof. Lorenzo Corbetta), 2025. Student: Dr. Giacomo Guglielmi. Thesis title:

"Bronchoscopic Lung Volume Reduction for Pulmonary Emphysema". Status: To be discussed (27 November 2025)

- Presentation of scientific reports at specialized audiences in national and international medical-scientific congresses.
- Research activities as a Sub-Investigator in international multicenter, randomized, and controlled clinical trials (RCTs).
- Peer-Reviewer for International Medical-Scientific Journals (European Respiratory Journal, BMC Pulmonary Medicine, ERJ Open Research, Frontiers in Medicine)
- Mentoring of Medical Residents at the Specialization School in Respiratory System Diseases at the University of Pisa through Medical-Scientific Seminars related to topics in Pneumology.
- Participation in national events providing free specialized consultations and scientific outreach dedicated to patients with COPD (Chronic Obstructive Pulmonary Disease).

Courses and Conferences

- Theoretical-Practical Advanced Training Course in Thoracic Ultrasound - National Certification of Competences, issued by the Gemelli University Polyclinic - Catholic University of the Sacred Heart, Rome. The course focuses on the correct execution of high-quality thoracic ultrasound. Final certification issued on 11/11/23.
- Italian Spirometry License SIP/IRS - National Certification of Competences, issued by the Italian Society of Pneumology/Italian Respiratory Network (SIP/IRS), covering the proper execution of spirometric exams with high-quality standards. The theoretical-practical training course was completed from February to September 2023, with the final certification issued on 23/09/23.
- ERS NEXT Programme (Networking EXcellence Training), RAI Amsterdam, Netherlands, 27 September 2025: Participation in the comprehensive ERS training programme reserved to 60 internationally selected Early Career Members with accepted abstracts for presentation at the ERS International Congress (competitive selection based on merit ranking).
- Participation in numerous national and international congresses, workshops, specialized training courses, and updates, including:
 - European Respiratory Society (ERS) International Congress
 - American Thoracic Society (ATS) International Conference
 - National Congress of Pneumology (Italian Respiratory Society, SIP-IRS)
 - National Congress of Italian Pneumology (Italian Thoracic Society, AIPO-ITS)
 - National Congress Chest (American College of Chest Physicians)
 - Respiration Day (Parma)
 - Regional Section Congress AIPO-ITS (Tuscany)
 - Hot Topics in Pulmonary Embolism (Pisa)
 - Pneumo Trieste
 - Pattern of Therapeutic Challenges in Pulmonology (Taormina)
 - Boot Camp in Interventional Pulmonology (University Hospital Careggi, Florence)
 - Sleep-Related Respiratory Disorders CNR (Palermo)
 - Numerous other nationally and internationally significant scientific conferences.

Conference Presentations, Oral Communications, and Scientific Committee Memberships [Part 1]

- Abstract Presentations as Posters at the XXIV National Congress of Italian Pneumology (Italian Thoracic Society, AIPO-ITS), "Pneumologica 2023 – The Enlightenment of Pneumology for Respiratory Health" (Bari, Italy, June 9–11, 2023) on 09/06/23: "Massive pleural effusion as a presenting form of acute plasma cell leukemia," "Bulky presentation of advanced squamous cell carcinoma of the lung," "Immune Checkpoint Inhibitor-Related Pneumonias: our experience."
- Award for the BEST ABSTRACT at the Congress "The Transversality of Research in Pulmonology: The University Network in Tuscany between Present and Future," held on 27/10/2023 at the New Aula Magna of the "La Sapienza" Palace in Pisa. Also served as a Speaker for Oral Communication and Member of the Scientific Committee for this congress.

- Speaker of Oral Communication and Member of the Scientific Committee at the Congress "Attualità e prospettive nel trattamento dell'enfisema polmonare," held on 16/02/2024 at San Ranieri Hotel, Pisa.
- Speaker for Oral Communication and Member of the Scientific Committee at the "PleurAncona" Congress – National Conference on Pleural Pathology, held on April 19–20, 2024, in Ancona.
- Presentation of two abstracts at the American Thoracic Society (ATS) International Conference 2024 (May 17–22, San Diego, California, USA): "Point-of-Care Glucometer Assessment of Pleural Fluid Glucose: A Promising Approach" (Poster Discussion Session – May 20, 2024), "Recreational Breath-Hold Diving-Induced Diffuse Alveolar Hemorrhage in a Patient With Immune System Dysregulation" (Thematic Poster Session – May 21, 2024).
- Scientific Director and Organizer of the "1st National Congress of Imaging in Pulmonology," Study Group of Imaging of the Italian Society of Pulmonology, Sala Napoleonica, Palazzo Greppi, University of Milan, Milan – September 27, 2024.
- Part of the Italian delegation at the 3rd International Forum of Chinese and European Pulmonology, held in Chongqing, October 11–13, 2024. Delivered two oral presentations (Keynote sessions): "A Voyage Through Challenges: Mastering the Art of Pleural Effusion Diagnosis" and "The Race Against Time: Early Diagnosis in Pleural Infection."
- Member of the Scientific Committee for the National Congress of the Italian Society of Thoracic Endoscopy (SIET), held October 17–19, 2024, in Florence, Palazzo degli Affari. Moderated the session on Pleural Diseases.
- Member of the Scientific Committee for the AIPO-ITS/ETS Regional Congress at the Italian Naval Academy in Livorno – Moderator of the session on Bronchial Asthma, held on October 25–26, 2024.
- Oral presentation – "Exploring an Expanding Universe: The Role of Thoracic Ultrasound in Pleural Effusion Diagnosis" – Intensive Course in Thoracic Ultrasound at the NATIONAL PULMONOLOGY CONGRESS of the Italian Society of Pulmonology, Allianz MiCo, Milan Convention Centre (December 16–18, 2024).
- Moderator of the session "Integration of AI in Italian Healthcare and Daily Clinical Practice" at the II Annual Meeting of SIAM – Italian Society for Artificial Intelligence in Medicine, LUISS Hub, Milan (November 30, 2024).
- Faculty member of the webinar "Etica e Responsabilità in Chirurgia Toracica e Pneumologia Interventistica," organized by the Italian Society of Thoracic Endoscopy (SIET) on April 7, 2025.
- Speaker for Oral Communication ("Non-Expandable Lung [NEL]: How to Detect and Treat") and Member of the Scientific Committee at the "PleurAncona" Congress – National Conference on Pleural Pathology, held in Ancona on April 11–12, 2025.
- Speaker for Oral Communication ("Exploring an Expanding Universe: The Role of Ultrasound in the Diagnosis of Pleural Effusion – Advanced Imaging Techniques and Artificial Intelligence") and Member of the Scientific Committee at the congress "Beyond the Lung: Innovations in the Complexity of Obstructive Respiratory Diseases," held in Marciana Marina on May 10–11, 2025.

Conference Presentations, Oral Communications, and Scientific Committee Memberships [Part 2]

- Presentation of three abstracts for the American Thoracic Society (ATS) International Conference 2024 (May 16–21), San Francisco, California, USA:
 - "Real-Time Reliability: Unveiling the Accuracy of Pleural Fluid Glucose Measurement with Point-of-Care Arterial Blood Gas Analyzer Technology"
 - "Burden Beyond the Bowel: An Insightful Case of Severe Pneumonia in a Patient with Ulcerative Colitis on Infliximab Therapy"
 - "Uncovering Uncommon Pleural Complications of RET Tyrosine Kinase Inhibitor Therapy: A Case of Selpercatinib-Induced Chylothorax in a Patient with Metastatic Medullary Thyroid Carcinoma"
- Lead Facilitator in three Thematic Poster Sessions for the ATS International Conference 2024 (May 16–21), San Francisco, California, USA:
 - A56 "Behind the Curtains: Case Reports in Pleural Disease" (Sunday, May 18, 2025)
 - B56 "Clinical Conundrums: Case Reports in Pleural Disease" (Monday, May 19, 2025)
 - C51 "Case Reports in Pleural Disease" (Tuesday, May 20, 2025)
- Oral Presentation: AIPO Young Members Meeting – Thoracic Ultrasound, Pisa University Hospital, Italy, 3 June 2025. Title: "The Uncharted Path: Implementing AI in Thoracic Ultrasound for Clinical Practice".

- Poster presentation at ERS International Congress 2025, Amsterdam, September 27 – October 1: “Comparative Evaluation of ChatGPT-4, Claude 3.5 Sonnet, and Gemini 1.5 Advanced for Patient Education on Chronic Obstructive Pulmonary Disease: A Global Expert Assessment of Artificial Intelligence-Generated Responses.”
- Scientific Director and Organizer of the “2nd National Congress of Imaging in Pulmonology,” Study Group of Imaging of the Italian Society of Pulmonology, Milan – November 21, 2025.

Conference Abstracts [Part 1]

- Standardized Clinical, Functional, and Radiological Pulmonary Follow-Up in Patients Discharged with Diagnosis of COVID-19 – Preliminary Data. Poster, ATS International Conference 2021. Am J Respir Crit Care Med. 2021;203(1). DOI: [10.1164/ajrccm-conference.2021.203.1_MeetingAbstracts.A4459](https://doi.org/10.1164/ajrccm-conference.2021.203.1_MeetingAbstracts.A4459)
- Massive pleural effusion as a presenting form of acute plasma cell leukemia. Poster, XXIV National Congress of Italian Pneumology (Pneumologica 2023, 9–11 June 2023). Published in Respiration. 2023;102(8):636–802. DOI: <https://doi.org/10.1159/000531211>
- Bulky presentation of advanced squamous cell carcinoma of the lung. Poster, XXIV National Congress of Italian Pneumology (Pneumologica 2023, 9–11 June 2023). Published in Respiration. 2023;102(8):636–802. DOI: <https://doi.org/10.1159/000531211>
- Immune Checkpoint Inhibitor-Related Pneumonias: our experience. Poster, XXIV National Congress of Italian Pneumology (Pneumologica 2023, 9–11 June 2023). Published in Respiration. 2023;102(8):636–802. DOI: <https://doi.org/10.1159/000531211>
- Point-of-Care Glucometer Assessment of Pleural Fluid Glucose: A Promising Approach. Poster Discussion Session, ATS International Conference 2024 (San Diego, May 2024). Am J Respir Crit Care Med. 2024;209:A3084. DOI: https://doi.org/10.1164/ajrccm-conference.2024.209.1_MeetingAbstracts.A3084
- Recreational Breath-Hold Diving-Induced Diffuse Alveolar Hemorrhage in a Patient With Immune System Dysregulation. Thematic Poster Session, ATS International Conference 2024 (San Diego, May 2024). Am J Respir Crit Care Med. 2025;211:A6019. DOI: <https://doi.org/10.1164/ajrccm.2025.211.Abstracts.A6019>
- Investigating Promising Point-of-Care Diagnostics in Pleural Effusion: Assessment of Bedside Glucometer Accuracy for Pleural Fluid Glucose versus Standard Laboratory and Blood Gas Analyzer Methods. Poster, National Pulmonology Congress, Italian Society of Pulmonology (SIP-IRS), Milan, 16–18 November 2024. DOI: not available
- Comparison of characteristics between populations participating in two lung cancer screening (LCS) studies with low-dose chest CT (LDCT) in Pisa, Italy: ITALUNG projects. Poster, ERS International Congress 2024 (Vienna, 10 September 2024). Eur Respir J. 2024;64(suppl 68):PA4873. DOI: <https://doi.org/10.1183/13993003.congress-2024.PA4873>
- Comparison between chest MRI and CT in adult patients with non-cystic fibrosis bronchiectasis. Poster, ERS International Congress 2024 (Vienna, 10 September 2024). Eur Respir J. 2024;64(suppl 68):PA5258. DOI: <https://doi.org/10.1183/13993003.congress-2024.PA5258>
- Flu-like Syndrome-Induced Acute Asthma Exacerbation Complicated by Pneumomediastinum, Subcutaneous Emphysema, and Pneumothorax. Abstract of the Italian Society of Thoracic Endoscopy (SIET) 2024 Annual Congress. Published in J Clin Med. 2024;13:5954. DOI: <https://doi.org/10.3390/jcm13195954>
- Onset of Pleural Effusion Preceding Diagnosis of Malignant Pleural Mesothelioma: An Observational Retrospective Study in a Cohort of Previously Asbestos-Exposed Patients. Abstract of the Italian Society of Thoracic Endoscopy (SIET) 2024 Annual Congress. Published in J Clin Med. 2024;13:5954. DOI: <https://doi.org/10.3390/jcm13195954>

Conference Abstracts [Part 2]

- Real-Time Reliability: Unveiling the Accuracy of Pleural Fluid Glucose Measurement with Point-of-Care Arterial Blood Gas Analyzer Technology. Poster, ATS International Conference 2024 (abstract published May 2025). Am J Respir Crit Care Med. 2025;211:A1140. DOI: <https://doi.org/10.1164/ajrccm.2025.211.Abstracts.A1140>
- Burden Beyond the Bowel: An Insightful Case of Severe Pneumonia in a Patient with Ulcerative Colitis on Infliximab Therapy. Poster, ATS International Conference 2024 (abstract published May 2025). Am J Respir Crit Care Med. 2025;211:A6019. DOI: <https://doi.org/10.1164/ajrccm.2025.211.Abstracts.A6019>

- Uncovering Uncommon Pleural Complications of RET Tyrosine Kinase Inhibitor Therapy: A Case of Selpercatinib-Induced Chylothorax in a Patient with Metastatic Medullary Thyroid Carcinoma. Poster, ATS International Conference 2024 (abstract published May 2025). Am J Respir Crit Care Med. 2025;211:A7514. DOI: <https://doi.org/10.1164/ajrccm.2025.211.Abstracts.A7514>
 - Comparative Evaluation of ChatGPT-4, Claude 3.5 Sonnet, and Gemini 1.5 Advanced for Patient Education on Chronic Obstructive Pulmonary Disease: A Global Expert Assessment of Artificial Intelligence-Generated Responses. Conference Abstract, ERS International Congress 2025. To be published in European Respiratory Journal (ERS 2025 Supplement). DOI: not yet available
 - Immune Checkpoint Inhibitor-Related Pneumonitis in Lung Cancer Patients: A Retrospective Analysis of Severity and Outcomes. Conference Abstract, ERS International Congress 2025. To be published in European Respiratory Journal (ERS 2025 Supplement). DOI: not yet available
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I certify that the information provided in this CV is accurate and complete to the best of my knowledge. I hereby authorize the processing of my personal data included in the CV in accordance with Legislative Decree 101/2018 and the EU General Data Protection Regulation (GDPR) 2016/679.

Pisa, 13/10/2025



Guido Marchi