

**EUROPEAN
CURRICULUM VITAE
FORMAT**



PERSONAL INFORMATION

Name	LANDINI, Nicholas
Address	-
Telephone	-
E-mail	-
Nationality	-
Date of birth	02/10/1984

WORK EXPERIENCE

01/05/2017-30/12/2021

Name and address of employer

Department of Radiology, "Ca' Foncello" Hospital, ULSS 2 Marca Trevigiana, Piazzale Ospedale 1, 31100 Treviso (TV), Italy

Type of business or sector

Radiology

Occupation or position held

Assistant medical director, open-ended contract

Main activities and responsibilities

- Elective, Emergency and Intensive Care Unit XR, US, CT
- Chest CT and HRCT
- Chest, Body and Articular MR
- Multidisciplinary meeting concerning interstitial lung disease and lung cancer

01/10/2016 – 31/12/2016

Name and address of employer

"Fondazione Estote Misericordes", Piazza Dante 63, 50032, Borgo San Lorenzo (FI), Italy

Type of business or sector

Radiology

Occupation or position held

Assistant medical director, freelance contract

Main activities and responsibilities

- Chest, Abdominal and Skeletal XR
- Musculoskeletal and Spine MR
- Abdominal, Articular and Neck US

01/08/2016 - 31/12/2016

Name and address of employer

"Misericordia di Sesto Fiorentino", Piazza San Francesco 37/39, 50019, Sesto Fiorentino (FI), Italy

Type of business or sector

Radiology

Occupation or position held

Assistant medical director, freelance contract

Main activities and responsibilities

- Chest, Abdominal and Skeletal X-Ray
- Musculoskeletal and Spine MR
- Abdominal, Articular and Neck US

01/07/2016 – 31/12/2016

Name and address of employer

Casa di Cura (Nursing Home) "Villa Donatello S.p.A.", Piazzale Donatello 14, 50132, Firenze, Italy

Type of business or sector

Radiology

Occupation or position held

Assistant medical director, freelance contract

Main activities and responsibilities

- Elective, Emergency and Intensive Care Unit XR, US, CT
- Chest HRCT
- Body and Musculoskeletal MR

EDUCATION AND TRAINING

31/10/2018-31/10/2021

Name and type of organization
providing education and training
Principal subjects/occupational skills
covered

Department of Experimental and Clinical Biomedical Sciences, University of Florence – AUO
Careggi, Viale Giovanni Battista Morgani 50, 50134, Florence, Italy (Dr. Cosimo Nardi)
PhD candidate
Field of research:
- Chest MR, CT and HRCT, diffuse lung disease

01/01/2017 - 31/04/2017

Name and type of organisation
providing education and training
Principal subjects/occupational
skills covered

Department of Radiology, Chest Imaging, UZ Leuven Gasthuisberg campus, Herestraat 49,
3000 Leuven, Belgium (Prof. Johny Verschakelen)
Field of training:
- Chest CT and HRCT, focal and diffuse lung disease
- Multidisciplinary meeting concerning interstitial lung disease

Field of research:
-Interstitial lung abnormalities related to Systemic Sclerosis on CT

29/06/2011 - 29/06/2016

Name and type of organisation
providing education and training
Principal subjects/occupational
skills covered

Department of Radiology, "AOU Careggi", Largo Brambilla 3, University of Florence, 50134
Florence (FI), Italy (Prof. Stefano Colagrande)
Field of training:
- Elective, Emergency and Intensive Care Unit XR, US, CT
- Chest CT and HRCT
- Chest, Body and Musculoskeletal MR
- Multidisciplinary meeting concerning interstitial lung disease

Field of research, in collaboration with Eng. Stefano Diciotti and Prof. Mario Mascalchi:
- Bioengineering models of emphysema
- CT quantitative analysis of lung densitometry in COPD patients
- CT evaluation of tracheal physiology in COPD patients

Title of qualification awarded

Radiology board certification
Vote: 70/70 cum laude
Dissertation Title: "Correlations between tracheal dimensions and lung volumes in patients with
Chronic Obstructive Pulmonary Disease"

January 2015 - May 2016

Name and type of organisation
providing education and training

Department of Radiology, "Ospedale Maggiore" of Parma, University of Parma, Via Gramsci 14,
43126 Parma (PR), Italy (Prof. Nicola Sverzellati)

Principal subjects/occupational
skills covered

Field of training:
- Chest CT and HRCT
Field of research:
- Rare lung tumors on CT

September 2014 - October 2015

Name and type of organisation
providing education and training

Department of Radiology, "AOU Careggi", Largo Brambilla 3, University of Florence, 50134
Florence (FI), Italy (Dr. Lapo Sali)

Principal subjects/occupational skills covered	Virtual Colonoscopy Self Training Course, promoted by the University of Florence, University of Rome "Sapienza" and University of Turin ("SAVE" project).
Title of qualification awarded	Final exam passed and certified
January 2012 - September 2013	
Name and type of organisation providing education and training	Division of Radiology, Versilia Hospital, AUSL 12 Viareggio, Lido di Camaiore (LU), Italy (Dr. Carlo Tessa)
Principal subjects/occupational skills covered	Field of training: - Cardiac MRI Field of research: - T1 and T2 mapping on cardiac MR
28/03/2011	
Title of qualification awarded	Italian medical license
21/10/2010	
Name and type of organisation providing education and training	"AOU Careggi", Largo Brambilla 3, University of Florence, 50134 Florence (FI), Italy (Prof. Gian Franco Gensini)
Title of qualification awarded	Medical degree Vote: 110/110 cum laude and special mention Dissertation title: "Growth rate of lung tumors identified in the ITALUNG trial"
PERSONAL SKILLS AND COMPETENCES	
MOTHER TONGUE	ITALIAN
OTHER LANGUAGES	
Since September 2015	
Reading skills	ENGLISH InLingua English courses C1, Advanced
Writing skills	B2, Upper-Intermediate
Verbal skills	B2, Upper-Intermediate
Reading skills	FRENCH B1, Intermediate
Writing skills	A2, Elementary
Verbal skills	A2, Elementary
TECHNICAL SKILLS AND COMPETENCES	
BLS-D	Last certification achieved on 2016
Operating systems	Microsoft, Mac OS
Softwares	Osirix, Horus, Microsoft Office package, Mendeley, Zotero, Pubmed, Embase, Scopus, Web of Science

ADDITIONAL INFORMATION

SPEAKER

"A shared path for AULSS2 radiologists: IPF (Idiopathic Pulmonary Fibrosis)" Meeting, 11 November 2021, Treviso, Italy. Lesson Title: "Imaging in IPF: protocols, diagnosis, differential diagnosis and complications"

"Magnetic Resonance Specialist" AITIRM (Magnetic Resonance Imaging Radiographers Italian Association) Master; 20 October 2021, webinar. Lesson title: "MRI and the lung"

National SIRM (Italian Society of Medical Radiology) Chest Radiology, Radioprotection and Radiobiology Congress; 6-9 October 2021, Milan. Presentation title: "Ventilation, Inflammation, Perfusion and Structure (VIPS) in MRI: Structure and Inflammation"

SIECVI (Italian society of echocardiography and cardiovascular imaging) Regional Congress; 16 and 21 November 2020, webinar. Presentation title: "Front-Line Thoracic Imaging during the Covid era: Chest CT"

"Magnetic Resonance Specialist" AITIRM (Magnetic Resonance Imaging Radiographers Italian Association) Master; October 2020, webinar. Lesson title: "MRI and the lung"

"Imaging and autopsy findings in COVID-19 infection" SIECVI meeting; 2nd May 2020, webinar. Presentation Title: "Radiologic imaging: Chest X-ray and CT"

"Cardiopulmonary CT course for Radiographers"; October 2019, Treviso, Italy. Lesson title: "High resolution Chest CT"

"Lead (Lecture, Education, Awareness and Discussion) in Cystic Fibrosis, Imaging in Cystic Fibrosis"; 8-9 March 2018, Treviso, Italy. International course. Lesson title: "Chest Computed Tomography Protocols in Cystic Fibrosis".

"Imaging in cystic fibrosis (CF) educational course"; 19-20 October 2017, Treviso, Italy. Lesson title: "Differential diagnosis in CF patients: non-CF bronchiectasis".

PUBLICATIONS

Landini N, Colzani G, Ciet P, et al. Chest radiography findings of COVID-19 pneumonia: a specific pattern for a confident differential diagnosis [published online ahead of print, 2021 Nov 13]. *Acta Radiol.* 2021;2841851211055163. doi:10.1177/02841851211055163

Bonato M, Fraccaro A, Landini N, et al. Pneumothorax and/or Pneumomediastinum Worsens the Prognosis of COVID-19 Patients with Severe Acute Respiratory Failure: A Multicenter Retrospective Case-Control Study in the North-East of Italy. *J Clin Med.* 2021;10(21):4835. Published 2021 Oct 21. doi:10.3390/jcm10214835

Orlandi M, Landini N, Cerinic MM, Colagrande S. Pulmonary magnetic resonance imaging in systemic sclerosis: a jump in the future to unravel inflammation in interstitial lung disease. *Clin Rheumatol.* 2021;40(9):3461-3464. doi:10.1007/s10067-021-05869-3

Orlandi M, Landini N, Sambataro G, et al. THE ROLE OF CHEST CT IN DECIPHERING INTERSTITIAL LUNG INVOLVEMENT: SYSTEMIC SCLEROSIS VERSUS COVID-19 [published online ahead of print, 2021 Jul 28]. *Rheumatology (Oxford).* 2021;keab615. doi:10.1093/rheumatology/keab615

Orlandi M, Landini N, Bruni C, Colagrande S, Matucci-Cerinic M, Kuwana M. Infection or Autoimmunity? The Clinical Challenge of Interstitial Lung Disease in Systemic Sclerosis During the COVID-19 Pandemic. *J Rheumatol.* 2021;48(5):790-792. doi:10.3899/jrheum.200832

Nardi C, De Falco L, Caracchini G, et al. A three-dimensional measurement method on MR arthrography of the hip to classify femoro-acetabular impingement [published online ahead of print, 2021 Jun 28]. *Jpn J Radiol.* 2021;10.1007/s11604-021-01162-0. doi:10.1007/s11604-021-01162-0

Cinetto F, Scarpa R, Carrabba M, et al. Granulomatous Lymphocytic Interstitial Lung Disease (GLILD) in Common Variable Immunodeficiency (CVID): A Multicenter Retrospective Study of Patients From Italian PID Referral Centers. *Front Immunol.* 2021;12:627423. Published 2021 Mar 10. doi:10.3389/fimmu.2021.627423

Nardi C, Tomei M, Pietragalla M, et al. Texture analysis in the characterization of parotid salivary gland lesions: A study on MR diffusion weighted imaging. *Eur J Radiol.* 2021;136:109529. doi:10.1016/j.ejrad.2021.109529

Landini N, Orlandi M, Fusaro M, et al. The Role of Imaging in COVID-19 Pneumonia Diagnosis and Management: Main Positions of the Experts, Key Imaging Features and Open Answers. *J Cardiovasc Echogr.* 2020;30(Suppl 2):S25-S30. doi:10.4103/jcecho.jcecho_59_20

Orlandi M, Landini N, Bruni C, et al. Pleuroparenchymal fibroelastosis in rheumatic autoimmune diseases: a systematic literature review. *Rheumatology (Oxford).* 2020;59(12):3645-3656. doi:10.1093/rheumatology/keaa451

Vanaken L, Landini N, Lenaerts J, et al. Progressive lung fibrosis and mortality can occur in early systemic sclerosis patients without pulmonary abnormalities at baseline assessment. *Clin Rheumatol.* 2020;39(11):3393-3400. doi:10.1007/s10067-020-05105-4

Landini N, Diciotti S, Lanzetta M, Bigazzi F, Camiciottoli G, Mascalchi M. Glottis Closure Influences Tracheal Size Changes in Inspiratory and Expiratory CT in Patients with COPD. *Acad Radiol.* 2017;24(7):901-907. doi:10.1016/j.acra.2017.01.018

Diciotti S, Nobis A, Ciulli S, et al. Development of digital phantoms based on a finite element model to simulate low-attenuation areas in CT imaging for pulmonary emphysema quantification. *Int J Comput Assist Radiol Surg.* 2017;12(9):1561-1570. doi:10.1007/s11548-016-1500-6

Landini N, Milanese G, Zambrini E, et al. Computed tomography - histology correlations of unusual lung tumors. *Pathologica.* 2016;108(3):110-119

Diciotti S, Nobis A, Ciulli S, et al. Development and analysis of a finite element model to simulate pulmonary emphysema in CT imaging. *Annu Int Conf IEEE Eng Med Biol Soc.* 2015;2015:6370-6373. doi:10.1109/EMBC.2015.7319850

Tessa C, Diciotti S, Landini N, et al. Myocardial T1 and T2 mapping in diastolic and systolic phase. *Int J Cardiovasc Imaging.* 2015;31(5):1001-1010. doi:10.1007/s10554-015-0639-5

ORAL PRESENTATIONS

XII AIRMM (Italian Association Magnetic Resonance in Medicine) congress, 16-17 December 2021, Virtual Edition. Title: "Ultra-short echo time (UTE) sequence for Interstitial Lung Disease assessment in Systemic Sclerosis patients: correlations with pulmonary function tests and detection of extensive disease". Landini N, Orlandi M, Nardi C et al.

ESTI (European Society of Thoracic Imaging) Winter Course 2021, 9-10 December 2021, OnLine Edition. Title: "Reliability of Ultra-Short Echo Time MRI sequence in the assessment of Interstitial Lung Disease related to Systemic Sclerosis". Landini N, Orlandi M, Ciet P et al.

46° SIRM National Meeting, 23-26 May 2014, Fortezza da Basso, Florence, Italy. Presentation Title: "Myocardial T1 and T2 mapping in diastolic and systolic phase." Landini N, Tessa C, Diciotti S, Lilli A et al.

"Vascular and Oncologic Thorax" Tuscany SIRM meeting, 8 October 2011, Castiglione della Pescaia (GR), Italy. Presentation Title: "Growth rate of lung tumors identified in the ITALUNG trial." Landini N, Diciotti S, Merlini V, Mascalchi M.

E-POSTERS

EULAR (European Alliance of Associations for Rheumatology) European congress of rheumatology, 2-5 June 2021. Poster Title: "The emerging role of Magnetic Resonance Imaging in Interstitial Lung Disease in Systemic Sclerosis: evidence for Ultra Short TE and Compressed

	<p>Sensing VIBE acquisitions as promising tools for the evaluation of parenchymal alterations.” Orlandi M, Landini N, Occhipinti M et al.</p> <p>EULAR European congress of rheumatology, 2-5 June 2021. Poster Title: “Lung ultrasound to assess the severity of interstitial lung disease in systemic sclerosis.” Bruni C, Mattolini L, Tofani L, Gargani L et al.</p> <p>EULAR European congress of rheumatology, 2-5 June 2021. Poster Title: “The role of chest CT in understanding interstitial lung disease (ILD): Systemic Sclerosis (SSc) versus COVID-19.” Orlandi M, Landini N, Sambataro G et al.</p> <p>46° National SIRM Meeting, 15-18 September 2016, Naples, Italy. Poster Title “Case of primary lung melanoma: a rare neoplasm showing features of endobronchial mass on CT.” Landini N, Bellino V, Cavigli E, Moroni C, Colagrande S;</p> <p>46° National SIRM Meeting, 15-18 September 2016, Naples, Italy. Poster title “Familial idiopathic pulmonary fibrosis in ex-smokers with early gray hairs. Bellino V, Landini N, Moroni C, Colagrande S.</p>
ABSTRACTS	<p>RSNA 2021 Annual Meeting, 28 November-2 December 2021, Chicago, USA. Abstract Title: “Magnetic Resonance Imaging sequences for Interstitial Lung Disease assessment in Systemic Sclerosis”, Landini N, Orlandi M, Ciet P et al.</p> <p>V National Bioengineering Group Meeting, 20-22 June 2016 Naples, Italy. Abstract Title: “Development of digital phantoms in CT imaging for simulation of pulmonary emphysema.” Stefano Diciotti, Alessandro Nobis, Stefano Ciulli, Nicholas Landini, Mario Mascalchi, Nicola Sverzellati, Bernardo Innocenti.</p> <p>SIRM National Meeting of Chest Radiology, 16-18 September 2015, Parma, Italy. Abstract Title: “Advanced computer-aided Diagnostic Imaging.” Mascalchi M, Diciotti S, Landini N, Camiciottoli G.</p>
CONSULTANT	Advisory Board IPF (Idiopathic Pulmonary Fibrosis); 25 March 2019, Parma, Italy
MEMBERSHIPS	
Since January 2017	ESTI (European Society of Thoracic Imaging)
Since January 2016	ESR (European Society of Radiology)
Since July 2011	SIRM (Italian Society of Medical Radiology)
	Sections:
	- Chest radiology
REFERENCES	<p>Dr. Giovanni Morana, M.D., Department of Radiology, “Ca’ Foncello” Hospital, ULSS 2 Marca Trevigiana, Piazzale Ospedale 1, 31100 Treviso (TV), Italy (giovanni.morana@aulss2.veneto.it)</p> <p>Prof. Pierluigi Ciet, PhD, MD, Department of Radiology and Nuclear Medicine, Erasmus MC, Rotterdam, The Netherlands (p.ciet@erasmusmc.nl)</p> <p>Prof. Nicola Sverzellati, Ph.D., M.D., Department of Radiology, “Ospedale Maggiore” of Parma, University of Parma, Via Gramsci 14, 43126 Parma (PR) (nicola.sverzellati@unipr.it)</p>

ANNEXES

- Courses and meetings attended (35, 21 focused on lung imaging)

24TH DECEMBER, 2021

NICHOLAS LANDINI
