

CURRICULUM VITAE



PERSONAL INFORMATIONS

First name and surname FRANCESCA DE MONTE
Date of birth LECCE, 20/02/1983
E-mail francesca.demonte@iov.veneto.it

WORK EXPERIENCE

- Date (from – to) **From 2/5/2016**
 - Name and address of employer Istituto Oncologico Veneto IRCCS – Padova (Via Gattamelata, 64 – PD).
 - Type of business or sector Medical Physics Expert (Radiology, Interventional Radiology, Radiation Protection) with a senior specialization assignment in “Patient radiation protection”
Radiation Protection Expert (II degree)
- Academic Years 2018/19 – 2019/20 – 2020/21**
Teacher for the Degree Course in “Tecniche di Radiologia Medica, per Immagini e Radioterapia” – Course title: Fisica Applicata alle Scienze Radiologiche
- Years 2018-2019**
Teacher of Courses of Radiation Protection for workers of the Veneto Institute of Oncology and the University Hospital of Padua
- 2/7/2012 – 1/5/2016**
AOU Città della Salute e della Scienza di Torino (Via Cavour, 31 – Torino).
Medical Physics Expert (Radiotherapy, Radiation Protection).
- 1/5/2008 – 30/6/2012:**
AOU Città della Salute e della Scienza di Torino (Via Cavour, 31 – Torino).
Contracts as Physicist.
From February 2008 to June 2011, resident in Medical Physics.
From 13/7/2011, as Medical Physics Expert.

EDUCATION AND TRAINING

- Date (from – to) **October 2024 - January 2025:**
 - Name and type of organisation providing education and training Master course in Clinical Research “*Design of Randomized and Observational Studies: Methods for Evaluating the Efficacy and Safety of Healthcare Interventions*” - Università degli Studi di Milano.
 - Title of qualification awarded **January 2008 – July 2011:**
Medical Physics School - University of Torino - 13/07/2011 - 70/70 cum laude.
October 2005 - July 2007:
Degree in Biomedical Physics - University of Torino - 24/07/2007 - 110/110 cum laude.
March 2007 – June 2007:
C.H.U.S., Santiago de Compostela, Galizia, Spain.
Contract of “Leonardo Project” - University of Torino.
September 2002 – October 2005:
Degree in Physics - University of Lecce - 27/10/2005 - 110/110 cum laude.
- From 8/05/2015 Radiation Protection Expert (II degree).

LANGUAGES

ITALIAN (native)	
ENGLISH	FRENCH
Excellent	Good
Excellent	Good
Good	Good

PUBLICATIONS

“*Typical values for pediatric interventional cardiology catheterizations: A standardized approach towards Diagnostic Reference Level establishment*” - De Monte F, Castaldi B, Branchini M, Bettinelli A, Milanesi O, Pausco M, Roggio A.. Phys Med. 2020 Aug;76:134-141. doi: 10.1016/j.ejmp.2020.07.001. Epub 2020 Jul 13. PMID: 32673825.

“Size-specific dose estimates for pediatric head CT protocols based on the AAPM report TG-293” – Sapignoli S., Roggio A., Boschini A., Guida F., Merlo C., Paiusco M., Zorz A., De Monte F.– Phys Med 100 (2022): 26-30;

15. “Effectiveness of body size stratification for patient exposure optimization in Computed Tomography” – De Monte F., Sapignoli S., et al – Eur J Rad 163 (2023) 110804.

”Management of pregnant or potentially pregnant patients undergoing diagnostic and interventional radiology procedures: Investigation of clinical routine practice” - Dario Faj , Céline Bassinet , Hrvoje Brkic, Francesca De Monte , Serge Dreuil , Laura Dupont , Paolo Ferrari , Aoife Gallagher , Christelle Huet , Željka kneževi , Ivana Kralik , Dragana Krstin , et al. - Physica Medica, 10.1016/j.ejmp.2023.103159.

“Standardized diagnostic reference levels for paediatric interventional cardiology: Data from an Italian referral centre.” - Giannone A, De Monte F, Colangelo M, Di Salvo G, Fraccaro C, Sirico D, et al. Phys Med 2024;124:104487. <https://doi.org/10.1016/j.ejmp.2024.104487>.

“Performance evaluation of the 3D-ring cadmium-zinc-telluride (CZT) StarGuide system according to the NEMA NU 1-2018 standard.” - Zorz A, Rossato MA, Turco P, Colombo Gomez LM, Bettinelli A, De Monte F, Paiusco M, Zucchetta P, Cecchin D. - EJNMMI Phys. 2024 Jul 25;11(1):69. doi: 10.1186/s40658-024-00671-x. PMID: 39052176; PMCID: PMC11272762.

“Fetal Radiation Dose in Common Diagnostic Radiology Procedures for Pregnant Patients: Findings from In-Phantom Measurements” - Anja Tomić, Hrvoje Brkić, Tajana Turk, Mladen Kasabašić, Ivana Bjelobrk, Ivana Kralik, Francesca De Monte, Nicola Zancopè, Riccardo Lombardi, Marija Majer, Željka Knežević, Mercedes Horvat, Matko Škarica, Zrinka Marić, Dario Faj, Vjekoslav Kopačin; Appl. Sci. 2025, 15, 1143. <https://doi.org/10.3390/app15031143>.

”Validation of SSDE calculation in a modern CT scanner and correlation with effective dose” – Zancopè N., De Monte F., Simeone E, Giannone A, Lombardi R, Mele A, Zorz A, Di Paola A, Causin F, Paiusco M. Sci Rep. 2025 Feb 19;15(1):6091. doi: 10.1038/s41598-025-90509-y. PMID: 39972032; PMCID: PMC11840047.

“Patient exposure in paediatric Interventional Cardiology: a multicenter inter-comparison of clinical practices in Italy” - De Monte F, Giannone A, Bettinelli A, Annoni G, Butera G, Cannatà V, Cheli M, Ciucci D, Donti A, Favetta M, Formigari R, Fraccaro C, Gaio G, Giordano M, Levrero F, Meliotta G, Montefoschi D, Palmacci F, Rossetti V, Russo MG, Santoro G, Zorz A, Salvo GD, Castaldi B, Paiusco M.. Phys Med. 2026 Feb 13;143:105754. doi: 10.1016/j.ejmp.2026.105754. Epub ahead of print. PMID: 41690266.

PERSONAL SKILLS AND COMPETENCES

Mother tongue

Other language(s)

Reading

Writing

Speaking

I have acquired specific skills in Radiotherapy: management and execution of Quality Controls on linear accelerators and brachytherapy sources used for treating gynecological and breast cancers; planning activities on patient’s CT images (planning techniques 3D-CRT, IMRT, VMAT).

Now I work in the field of Radiology and Interventional Radiology (including pediatric cardiology and neurology); I work in different medical physics research programs of the Institute with optimization purposes: to reduce doses to the patient during interventional procedures and CT exams.

I work as Radiation Protection Expert (conventional and interventional Radiology); I also worked as Radiation Protection Expert in Radiotherapy.

I’m able to use main computer programs (Word, Excel, Power Point, Access...).

DRIVING LICENCE

B type

Padova, 15/02/2026

Francesca De Monte