

PERSONAL INFORMATION Elisa D'Angelo

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Born 08/01/1979

POSITION Medical doctor - Radiation Oncologist

WORK EXPERIENCE

01/01/2013–Present **Medical doctor - Radiation Oncologist**
University Hospital Policlinico of Modena, Modena (Italy)

01/11/2008–31/12/2012 **Medical doctor - Radiation Oncologist**
ASUR - Zona Territoriale n.9 di Macerata, Macerata (Italy)

01/11/2007–31/10/2008 **Medical doctor - Radiation Oncologist**
Catholic University of Rome - Centro di ricerche e formazione ad alta tecnologia nelle scienze biomediche "Giovanni Paolo II", Campobasso (Italy)

EDUCATION AND TRAINING

01/11/2003–10/10/2007 **Residency training program in Radiation Oncology**
Catholic University of Rome, Rome (Italy)
Graduated magna cum laude

01/11/1997–24/07/2003 **Master's degree in Medicine and Surgery**
University Of Palermo, Palermo (Italy)
Graduated magna cum laude

21/09/1992–15/06/1997 **High school leaving qualification in scientific studies**
Liceo Scientifico "G. Cannizzaro", Palermo (Italy)

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	B2	B2	C1
French	B2	C2	B1	B1	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Organisational / managerial skills

Good organisational skills acquired through daily collaboration with colleagues and all the staff working to conduct clinical trials

- Principal investigator in phase II controlled trial, and in observational studies.
- Co-investigator in international clinical trials of radio and chemo-radiotherapy
- Counsellor of Head and neck study group Of Italian Association of Oncologic Radiotherapy (AIRO)
- Head coordinator of Inter-regional group Emilia Romagna And Marche of Italian Association of Oncologic Radiotherapy (AIRO)
- Member of Multidisciplinary Team on Head and neck malignancies (clinical activity and clinical trial) Azienda Ospedaliero-Universitaria of Modena-Policlinico
- Member of Multidisciplinary on GI malignancies (clinical activity and clinical trial) Azienda Ospedaliero-Universitaria of Modena-Policlinico
- Member of Multidisciplinary on Lung malignancies (clinical activity and clinical trial) Azienda Ospedaliero-Universitaria of Modena-Policlinico

Job-related skills

- Good ability to take care of patients and their families; good clinical experience in dealing with oncological patients.
- Good ability in team working and management
- Good command of quality control processes: from 2014 Responsible of Quality Assurance of Radiation Oncology Department in Azienda Ospedaliero-Universitaria of Modena-Policlinico

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital competences - Self-assessment grid

ADDITIONAL INFORMATION

Projects

Principal Investigator of Phase II controlled multicentric trial NEVER on the behalf of Italian Association of Radiation Oncology (AIRO).

Principal investigator in two observational studies.

Sub-Investigator in five Randomized controlled clinical trial

Conferences

Partecipation in quality of expert and invited speaker to numerous conferences

Relevant publications

Impact of dose and volume on lymphedema. Nardone L, Palazzoni G, D'Angelo E, Deodato F, Gambacorta MA, Miccichè F, Morganti AG. Rays. 2005 Apr-Jun;30(2):149-55. Review.

Survival after radiotherapy in gastric cancer: Systematic review and meta-analysis. Valentini V, Cellini F, Minsky BD, Mattiucci GC, Balducci M, D'Agostino G, D'Angelo E., Dinapoli N, Nicolotti N, Valentini C, La Torre G. Radiotherapy & Oncology Volume 92, Issue 2, Pages 176-183, August 2009

Postoperative intensity modulated radiation therapy in high- risk prostate cancer: A dosimetric comparison. Digesú C, Cilla S, De Gaetano A, Massaccesi M, Macchia G, Ippolito E, Deodato F, Panunzi S, Iapalucci C, Mattiucci GC, D'Angelo E., Padula GD, Valentini V, Cellini N, Piermattei A, Morganti AG. Med Dosim. 2010 Jun 9

Multidisciplinary approach for squamous head and neck cancers: a single report institution F. Bertolini, S. Valerini, C. D'Ambrosio, B. Meduri, A. Ghidini, R. Depenni, E. D'Angelo, G. Luppi, F. Bertoni, L. Presutti. Ann Oncol (2015) 26 (suppl 6)

Hypofractionation with tomotherapy for prostate cancer: toxicities and outcomes in 82 patients treated in modena. A. Bruni, E. Mazzeo, B. Meduri, E. D'Angelo, B. Lanfranchi, P. Barbieri, C. Tata, LM Lamin, F. Bertoni. Anticancer Res May 2013 33 (5): 2263-2263

Tomotherapy for anal cancer: analysis of toxicity and response in a dual institution experience. P. Bonomo, B. Meduri, E. D'Angelo, A. Galardi, C. Delli Paoli, C. Tata, G. De Marco, I. Desideri, F. Bertoni, L. Livi. Radiotherapy and Oncology 2016, Vol. 119, S609–S610

A Neural Network predictions and follow-up toxicity correlation to validate re-planning during RT. N. Maffei, G. Guidi, E. D'angelo, B. Meduri, P. Ceroni, G. Mistretta, A. Ciarmatori, G. Gottardi, P. Giacobazzi, T. Costi. Radiotherapy and Oncology 2016, Vol. 119, S801–S802.
[https://doi.org/10.1016/S0167-8140\(16\)32966-8](https://doi.org/10.1016/S0167-8140(16)32966-8)

The organ equivalent dose to quantify secondary cancer induction in breast after VMAT treatments. G. Guidi, N., Maffei, F. Itta, E. D'angelo, B. Meduri, P. Ceroni, G.M. Mistretta, A. Ciarmatori, G. Gottardi, P. Giacobazzi, G. Baldazzi, T. Costi. European Journal of medical physics. February 2016 Volume 32, Supplement 1, Page 31

Forecasting algorithm to predict re-planning in tomotherapy: Follow-up toxicity correlation, N. Maffei, G. Guidi, E. D'Angelo, B. Meduri, E. Mazzeo, A. Ciarmatori, G.M. Mistretta, P. Ceroni, G. Gottardi, P. Giacobazzi, T. Costi. European Journal of medical physics. February 2016 Volume 32, Supplement 1,

SIS epidemiological model for adaptive RT: Forecasting the parotid glands shrinkage during tomotherapy treatment. Maffei N, Guidi G, Vecchi C, Ciarmatori A, Gottardi G, Meduri B, D'Angelo E, Bruni A, Mazzeo E, Pratissoli S, Giacobazzi P, Baldazzi G, Lohr F, Costi T. Med Phys. 2016 Jul;43(7):4294. doi: 10.1118/1.4954004.

Accelerated hypofractionated IMRT-IGRT and concurrent chemotherapy in oropharyngeal cancer. B. Meduri, E. D'Angelo, P. Barbieri, L. Rubino, A. Ghidini, F. Bertolini, R. Depenni, P. Giacobazzi, F. Bertoni. Radiotherapy and Oncology 2016, Vol. 119, S524.
[https://doi.org/10.1016/S0167-8140\(16\)32339-8](https://doi.org/10.1016/S0167-8140(16)32339-8)

A machine learning tool for re-planning and adaptive RT: a multicenter cohort investigation. Guidi G, Maffei N, Meduri B, D'Angelo E, Mistretta GM, Ceroni P, Ciarmatori A, Bernabei A, Maggi S, Cardinali M, Morabito VE, Rosica F, Malara S, Savini A, Orlandi G, D'Ugo C, Bunkheila F, Bono M, Lappi S, Blasi C, Lohr F, Costi T. Phys Med. 2016 Dec;32(12):1659-1666. doi: 10.1016/j.ejmp.2016.10.005.

Role of Adjuvant Radiotherapy and Prognostic Factor Analysis in Thymic Malignancies: A Retrospective Analysis of 129 Consecutive Patients: Topic: Thymic Malignancies Clinical and Translational. A. Bruni, V. Scotti, E. D'Angelo, P. Bastiani, S. Scicolone, C. De Luca Cardillo, S. Cecchini, M. Perna, L. Rubino, P. Vasilyeva, C. Becherini, C. Comin, F. Lohr, L. Livi. Journal of Thoracic Oncology, Vol. 12, Issue 1, S1009

Pattern of Care of Inoperable Locally Advanced (LA) NSCLC in Elderly Patients: Analysis of the Experience of Two Academic Italian Hospitals. M. Perna, V. Scotti, A. Bruni, G. Simontacchi, V. Di Cataldo, E. Olmetto, G A Carta, R. Grassi, C. Becherini, C. De Luca Cardillo, B. Agresti, C. Comin, K. Ferrari, E. D'Angelo, P. Vasilyeva, B. Meduri, F. Lohr, L. Voltolini, L. Livi. Journal of Thoracic Oncology, Vol. 12, Issue 1, S858–S859

Moderately Hypofractionated Radiotherapy in Locally Advanced Non-Small Cell Lung Cancer: A Single Institution Retrospective Analysis: Topic: RT Techniques. A. Bruni, E. D'Angelo, G. Guidi, B. Meduri, S. Scicolone, P. Vassilyeva, N. Maffei, F. Bertoni, T. Costi, Frank Lohr. Journal of Thoracic Oncology, Vol. 12, Issue 1, S883

Can atlas-based automatic segmentation contour H&N OARs like a physician? N. Maffei, G. Guidi, E. D'Angelo, B. Meduri, F. Lohr, T. Costi. May 2017. Volume 123, Supplement 1, Pages S936–S937 doi: [https://doi.org/10.1016/S0167-8140\(17\)32241-7](https://doi.org/10.1016/S0167-8140(17)32241-7)

Incidence and survival of secondary malignances (SM) in oropharyngeal squamous cell carcinoma (OPSCC): A homogeneous single report institution. M. Napolitano F. Bertolini E. D'Angelo A. Spallanzani S. Tassi B. Meduri S. Bettelli R. Depenni A. Ghidini F. Lohr L. Presutti S. Cascinu. Annals of Oncology, Volume 28, Issue suppl_5, 1 September 2017, mdx374.055, <https://doi.org/10.1093/annonc/mdx374.055>

A comparison of swallowing dysfunction after three-dimensional conformal and intensity-modulated radiotherapy: A systematic review by the Italian Head and Neck Radiotherapy Study Group. Ursino S, D'Angelo E, Mazzola R, Merlotti A, Morganti R, Cristaudo A, Paiar F, Musio D, Alterio D, Bacigalupo A, Russi EG, Lohr F. Strahlenther Onkol. 2017 Nov;193(11):877-889. doi: 10.1007/s00066-017-1160-7. Epub 2017 Jun 14.

Ductal carcinoma in situ treated with breast conservative surgery and radiotherapy: A national multicentre experience. I. Meattini, N. Pasinetti, B. Meduri, F. De Rose, M.C. De Santis, V. Lancellotta, F. Rossi, P. Franco, F. Alongi, C. Saieva, E. Olmetto, I. Desideri, E. D'Angelo, L. Triggiani, U. Ricardi, P. Bastiani, C. Aristei, L. Lozza, M. Scorsetti, L. Livi. April 2018. European Journal of Cancer 92:S55-S56. doi:10.1016/S0959-8049(18)30392-7

Adjuvant therapy in resectable gastric cancer—the CRITICS trial. Frank Lohr, Daniel Buergy, Giuseppina de Marco, Judith Boda-Heggemann, Elisa D'Angelo. The Lancet Oncology. Volume 19, ISSUE 7, Pe329, July 01, 2018. DOI:[https://doi.org/10.1016/S1470-2045\(18\)30366-8](https://doi.org/10.1016/S1470-2045(18)30366-8)

A national multicenter study on 1072 DCIS patients treated with breast-conserving surgery and whole breast radiotherapy (COBCG-01 study). Meattini I, Pasinetti N, Meduri B, De Rose F, De Santis MC, Franco P, Lancellotta V, Rossi F, Saieva C, Desideri I, Delli Paoli C, D'Angelo E, Triggiani L, Bastiani P, Alongi F, Lozza L, Aristei C, Ricardi U, Scorsetti M, Livi L; Clinical Oncology Breast Cancer Group (COBCG) Investigators. Radiother Oncol. 2019 Feb;131:208-214

Evaluation of the effectiveness of novel single-intervention adaptive radiotherapy strategies based on daily dose accumulation. Ciarmatori A, Maffei N, Mistretta GM, Ceroni P, Bernabei A, Meduri B, D'Angelo E, Bruni A, Giacobazzi P, Lohr F, Guidi G. Med Dosim. 2019 Mar 12. pii: S0958-3947(19)30027-5. doi: 10.1016/j.meddos.2019.02.002.

Long-term outcome of re-irradiation for recurrent or second primary head and neck cancer: A multi-institutional study of AIRO-Head and Neck working group. Orlandi E, Bonomo P, Ferella L, D'Angelo E, Maddalo M, Alterio D, Infante G, Bacigalupo A, Argenone A, Iacovelli NA, Desideri I, Meduri B, Triggiani L, Volpe S, Belgioia L, Dionisi F, Romanello DA, Fallai C, Miceli R. Head Neck. 2019 Oct;41(10):3684-3692

Organs at risk's tolerance and dose limits for head and neck cancer re-irradiation: A literature review. Dionisi F, Fiorica F, D'Angelo E, Maddalo M, Giacomelli I, Tornari E, Rosca A, Vigo F, Romanello D, Cianchetti M, Tommasino F, Massaccesi M, Orlandi E. Oral Oncol. 2019 Sep 16;98:35-47

Hierarchical clustering applied to automatic atlas based segmentation of 25 cardiac sub-structures. N. Maffei, L. Fiorini, G. Aluisio, E. D'Angelo, P. Ferrazza, V. Vanoni, F. Lohr, B. Meduri, G. Guidi. Physica Medica 69 (2020) 70–80.

Does a 6-point scale approach to posttreatment 18F-FDG PET-CT allow to improve response assessment in head and neck squamous cell carcinoma? A multicenter study. P. Bonomo, A. Merlotti, S. Morbelli, V. Berti, C. Saieva, F. Bergesio, A. Bacigalupo, L. Belgioia, C. Franzese, E. Lopci, A. Casolo, E. D'Angelo, D. Alterio, L. Travaini, L. Berretta, V. Pirro, S. Ursino, D. Volterrani, M. Roncali, F. Vigo, S. Cicchetti, F. Scalone, G. Belli, S. Cauda, I. Desideri, E. Russi, L. Livi and A. Bianchi. *European Journal of Hybrid Imaging* (2020) 4:8 <https://doi.org/10.1186/s41824-020-00077-9>

The role of postoperative radiotherapy for thymomas: a multicentric retrospective evaluation from three Italian centers and review of the literature. Alessio Bruni, Alessandro Stefani, Marco Perna, Paolo Borghetti, Niccolò Giaj Levra, Elisa D'Angelo, Alessandra D'Onofrio, Laura Rubino, Luca Frassinelli, Viola Salvestrini, Matteo Mariotti, Filippo Alongi, Alessandro Gonfiotti, Lorenzo Livi, Vieri Scotti. *J Thorac Dis* 2020 | <http://dx.doi.org/10.21037/jtd-2019-thym-09>

"Results of a survey on elderly HNC patients on behalf of Italian Association of Radiotherapy and Clinical Oncology (AIRO)" (Manuscript no. 618) to the "ACTA Otorhinolaryngologica Italica"

"Head and neck radiotherapy amid the COVID-19 pandemic: practice recommendations of the Italian Association of Radiotherapy and Clinical Oncology (AIRO)". Alterio D, Volpe S, Bacigalupo A, Bonomo P, De Felice F, Dionisi F, D'Onofrio I, D'Angelo E, Di Rito A, Fanetti G, Franco P, Maddalo M, Merlotti A, Micciché F, Orlandi E, Paiar F, Ursino S, Pepa M, Corvò R, Di Muzio NG, Magrini SM, Russi E, Sanguineti G, Jereczek-Fossa BA, Donato V, Musio D. *Med Oncol.* 2020 Aug 17;37(10):85. doi: 10.1007/s12032-020-01409-2.

"A snapshot on radiotherapy for head and neck cancer patients during the COVID-19 pandemic: a survey of the Italian Association of Radiotherapy and Clinical Oncology (AIRO) head and neck working group". Francesca De Felice; Elisa D'Angelo; Rossana Ingargiola; Nicola Alessandro Iacovelli; Daniela Alterio; Pierfrancesco Franco; Pierluigi Bonomo; Anna Merlotti; Almalina Bacigalupo; Marta Maddalo; Alessia Di Rito; Giuseppe Fanetti; Ida D'Onofrio; Francesco Dionisi; Francesco Micciché; Marianna Trignani; Daniela Musio; Fabiola Paiar; Domenico Attilio Romanello; Vittorio Donato and Ester Orlandi. *Radiol Med.* 2020 Oct 6:1-5. doi: 10.1007/s11547-020-01296-7. Online ahead of print.

"Second Primary Tumors in head and neck cancer patients: the importance of a "tailored" surveillance". Bertolini F, Trudu L, Banchelli F, Schipilliti F, Napolitano M, Alberici MP, Depenni R, D'Angelo E, Mattioli F, Lohr F, Presutti L. *Oral disease.* In press. doi: 10.1111/odi.13681

Collaboration on drafting of:

"Percorso diagnostico terapeutico assistenziale per i tumori di testa e collo" AIOCC Linee Guida 2018.

"IGRT ed errore residuo: quale margine?" 2019. ISBN978-88-943949-1-7

"Percorso diagnostico terapeutico assistenziale per i tumori di testa e collo" AIOCC Linee Guida 2020

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