

Claudio Votta

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ESTRO background

Since the beginning of my professional activity, I have been involved in numerous ESTRO activities. Initially as a participant and later as presenter of proffered papers and co-chair of scientific sessions in various ESTRO congresses (2019, 2020, 2022 and 2023).

I also served as a Guest Online Lecturer for the ESTRO School Course "Positioning and Immobilisation for Radiotherapy" in 2022 and as reviewer for TipsRO since 2023.

Additionally, I have attended the following ESTRO School courses: "Positioning and Immobilisation for Radiotherapy" – Brussels, Belgium (2019); "In-room MRI Guided RT" – online (2020).

Engaging in various ESTRO events has provided me with the remarkable opportunity to connect with and collaborate alongside my RTT colleagues and peers, allowing me to gain a deeper understanding of my practice, its potentialities, and the challenges we currently face as clinical and research community.

Experience

Thanks to my position in Medipass SpA, I currently work as RTT at the Gemelli ART (Advanced Radiation Therapy) Center in Rome, Italy, where I have accumulated 7 years of experience in the field of Radiation Therapy. Throughout my career, I have actively participated in various Radiation Therapy activities, encompassing both clinical and research aspects, with a particular focus on MR-guided radiotherapy.

Since **2017**, I have contributed to the initiation of the first MR-Linac system installed in my country.

During these years, I have also been involved in the "Radiomics" lab of Dr. Luca Boldrini at Fondazione Policlinico Universitario "A. Gemelli" IRCCS, serving as a medical imaging scientist.

In **2021** I spent almost one year launching the advanced radiotherapy service at Mater Olbia Hospital in Olbia, Italy, where we installed another MR-Linac and an AI-based RT system, the first system in Italy enabling online adaptive on CBCT.

This background in Online Adaptive Radiotherapy (based on both MRI and CBCT) has provided me with insights into the future challenges that RTTs will be called to face in the near future.

The training and research fields for RTTs have traditionally been grounded in the concept of "treatment reproducibility" in the past years. However, I believe that in the future, the concept of "reproducibility" will gradually fade away, as we will have a new optimized plan based on daily anatomy according to different adaptive strategies.

My professional experiences, ideas, and passion for radiotherapy have fuelled my desire to represent and advocate for the Italian RTT community, leading me to become the coordinator of the scientific committee of the Italian Association of Radiation Therapy and Medical Physics Technologists (AITRO).

Education and Qualifications

I received my **training** in Italy:

- Bachelor's Degree in " Medical imaging and radiotherapy techniques"
Università Cattolica del Sacro Cuore Rome, Italy (2016);
- Second-level Degree in "Science of Technical and Diagnostic Health Professions"
University of "Roma Tor Vergata", Italy (2019);
- Master's Degree in "Management for Coordination Functions in the Healthcare Professions Area"
Telematic University "Pegaso", Italy (2023);
- Master's Degree in "Advanced Skills for Radiological Medical Imaging Technologists (TSRM) Specializing in Radiotherapy Oncology"
Università Cattolica del Sacro Cuore Rome, Italy (2023).

In parallel with my professional activities, I have attended numerous conferences, congresses, courses, webinars, and workshops for professional development in the different areas of my discipline and radiation oncology in general.

Awards:

- Special mention for the best thesis in Radiotherapy with particular attention to dosimetric aspects, presented at the 7th Paola Crocetti Award held in September 2017, during the 17th Italian Radiographers National Congress;
- Best Oral Presentation Award, received at the 26th National Congress of the Italian Association of Radiation Therapy and Medical Physics Technologists (AITRO), (May 2023).

Scientific Research Activities:

- I am author or co-author of more than 30 posters and oral presentations at national and international scientific congresses;
- **Patent holder and inventor** for modular positioning system for hybrid MRgRT system;
- **Reviewer** for international journals: Radiation Oncology Journal; Technical Innovations and Patient Support in Radiation Oncology (TipsRO);
- **Author or co-author** of **22** peer-reviewed scientific articles:
 - > H-index (Scopus): 8
 - > Citations (Scopus): 213

Personal

I was born in a small town in Southern Italy in 1994, and I lived there until 2010. During that time, my life took a significant turn when I moved to Rome to face Hodgkin's lymphoma. My personal experience with the disease introduced me to the world of radiotherapy, a field that I found both fascinating and mysterious.

After overcoming the challenges of the disease, I decided to fully dedicate myself to radiotherapy.

I now work passionately in this field, helping others overcome adversities similar to those I faced during the radiation treatment.

Beyond my professional commitments, my life is happy and positive: I love travelling, exploring new places, connecting with people from all around the world and sharing experiences with my friends.

Final statement

I am particularly drawn to ESTRO's mission, which aims to promote interdisciplinary collaboration, education, and research in radiotherapy.

My goal is to infuse my passion for this discipline into the activities of ESTRO, placing the RTT-patient relationship at the core of both clinical and research activities and facilitating the activities of the national societies in taking advantage of the added values provided by ESTRO.