

PERSONAL
INFORMATION

Rita Alaimo

WORK EXPERIENCE

May 2020 - Present

Medical Physicist Contact Person for Radiotherapy**Policlinico Universitario Campus Biomedico di Roma**

Main activities and responsibilities:

Medical Physicist Contact Person for the Radiotherapy Unit of "Policlinico Campus Biomedico Polo Oncologico di Via Longoni." Coordination of the Physics Staff; External Beam Radiotherapy Treatment planning by means of 3D conformal Radiotherapy, Intensity Modulated Radiotherapy and Volumetric Modulated Arc therapy and Stereotactic Radiotherapy. Treatment Planning in gynecological interstitial brachytherapy. Commissioning of Linac (Elekta and Varian) and TPS (Eclipse, Monaco, Raystation) Quality assurance in Radiotherapy.

Teaching activity Teaching in "Tecniche di Diagnostica per immagini e Radioterapia 4" (a.y. 2019/2020, a.y. 2020/2021, a.y. 2021/2022 and a.y. 2022//2023); "Corso integrato di Tecniche di Diagnostica per immagini e Radioterapia 6" (a.y. 2020/2021, a.y. 2021/2022 and a.y. 2022//2023); Graduate course for Medical Radiology Technologists at Policlinico Campus Biomedico
Teaching in "Fisica Applicata" (a.y. 2022/2023) Graduate course for Obstetrics at Università Unicamillus
Thesis Supervisor

May 2019- May
2020**Medical Physicist for Radiotherapy (permanent position)****Policlinico Universitario Campus Biomedico di Roma**

Main activities and responsibilities:

Treatment planning by means of 3D conformal Radiotherapy, Intensity Modulated Radiotherapy and Volumetric Modulated Arc therapy and Stereotactic Radiotherapy. Treatment Planning in gynecological interstitial brachytherapy. Commissioning of Linac (Varian, Elekta) and TPS (Eclipse, Monaco, Raystation) Quality assurance in Radiotherapy.

November 2018-
May 2019**Medical Physicist for Radiotherapy (temporary position)****Policlinico Universitario Campus Biomedico di Roma**

Main activities and responsibilities:

Treatment planning by means of 3D conformal Radiotherapy, Intensity Modulated Radiotherapy and Volumetric Modulated Arc therapy and Stereotactic Radiotherapy. Treatment Planning in gynecological interstitial brachytherapy. Commissioning of Linac (Varian, Elekta) and TPS (Eclipse, Monaco, Raystation, Brainlab). Quality assurance in Radiotherapy.

June 2017-
September 2017**Medical Physicist for Radiotherapy (temporary position)****Fondazione PTV Policlinico di Roma Tor Vergata**

Main activities and responsibilities:

Treatment planning by means of 3D conformal Radiotherapy, Intensity Modulated (TPS Pinnacle) Radiotherapy Quality assurance in Radiotherapy.

- January 2016-
October 2017 **Teacher**
Physics Teacher at "Istituto via Lentini di Roma";
Electronic Teacher at "ITIS H. Hertz di Roma"
- July 2015- June
2016 **Medical Physicist Consultant for the Multicentric Study "AvOX/ST2210-CR-12-001-Medicina Nucleare"**
ABX - CRO Advanced Pharmaceutical Services
- July 2015 - June
2014 **Medical Physicist Consultant for the Multicentric Study "AvOX/ST2210-CR-12-001-Medicina Nucleare"**
SIGMA-TAU IND.FARM. RIUN. S.P.A.
- October 2009-
January 2012 **Other experience**
Professor Assistant at "Università di Roma Tor Vergata" for Physic degree Course of "Elettronica Analogica";
Part- time fellowship at "Università di Roma Tor Vergata"

EDUCATION AND TRAINING

- September 2017-
October 2017 **Voluntary worker (Medical Physicist)**
Ospedale Bambino Gesù di Roma

Fellowship at "UOC di Fisica Sanitaria"
- January- May 2017 **Voluntary worker (Medical Physicist)**
Fondazione PTV Policlinico di Roma Tor Vergata

Main activities and responsibilities:
Treatment planning by means of 3D conformal Radiotherapy, Intensity Modulated Radiotherapy
Quality assurance in Radiotherapy (TPS Pinnacle).
- April 2016 **Radiation Protection Expert 2°- N°22413**
Ministero del Lavoro e delle politiche sociali

October 2012-
November 2016

Specialization in Medical Physics

Università di Roma Tor Vergata

Thesis: "Caratterizzazione di una Gamma Camera per immagini quantitativo e dosimetria interna con Lutezio 177"

Vote: 70 su 70 e lode

I have acquired skills in the following areas:

- researching, developing and evaluating new analytical techniques
- planning and ensuring safe and accurate treatment of patients (TPS Eclipse)
- providing advice about radiation protection
- Quality assurance in Nuclear Medicine (Gamma Camera, PET)
- training and updating healthcare, scientific and technical staff
- managing radiotherapy quality assurance programmes
- mathematical modelling
- maintaining equipment
- writing reports

October 2009- May
2012

Master in Nuclear and Subnuclear Physics (Laurea magistrale)

Università di Roma Tor Vergata

Vote: 109/110

October 2005-July
2009

Bachelor of Science in Physics

Università di Roma Tor Vergata

PERSONAL SKILLS

Mother tongue

Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B1	B1	B1	B1

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

[Common European Framework of Reference for Languages](#)

Communication skills

- Confident, articulate, and professional speaking abilities gained through my experience as support manager
- Empathic listener and persuasive speaker
- Speaking in public, to groups, or via electronic media
- Excellent presentation and negotiation skills

Organisational / managerial skills

- Possess strong commitment to team environment dynamics with the ability to contribute expertise and follow leadership directives at appropriate times
- Enjoy working as a team member as well as independently in a fast-paced environment
- A genuine desire to achieve, excel and evolve
- Establish authentic rapport with prospects and clients
- Fully committed to providing the highest possible standards of customer service and support

Job-related skills

- Proven leadership and organizational abilities
- Focused, versatile, dependable, multi-task oriented, flexible, positive, able to adapt effectively to challenging and emergency situations
- Ability to understand and manage financial reports, budgets and forecasts gained during my current work

- experience.
- Strong radiotherapy market experience
- Experience in Interventional Oncology

Digital competence

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

Levels: Basic user - Independent user - Proficient user

[Digital competences - Self-assessment grid](#)

- Good command of office suite (word processor, spread sheet, presentation software)
- Excellent knowledge of: Matlab e LATEX
- Excellent knowledge of software dedicated to RT Treatment Planning: Systems Philips Pinnacle3, Varian Eclipse, RaySearch Laboratories RayStation, Elekta MONACO, Brainlab
- Excellent knowledge of software dedicated to Brachiterapy Treatment Planning: Oncentra.
- Excellent knowledge of software dedicated to IORT Treatment Planning: Liac.
- Good command of software for biomedical image manipulation, such as ImageJ, Gimp, Rover, ImSimQA, PMOD
- Good knowledge of software for manipulating DICOM images, such as SanteDicom Editor, DicomPylar, DicomBrowser, Power Dicom.
- Using software for remote access and for the organization of webinars, such as VNC, TeamViewer, Citrix Receiver, Cisco VPN Client
- Programming languages: C++, IronPython

Other skills

Driving Licence B

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