



Assoc. Prof. Desislava Kostova-Lefterova, Ph.D.

WORK EXPERIENCE

11.2009 – up to now: National Cardiology Hospital, Sofia, Bulgaria

03.2016 – up to now: Aleksandrovska University Hospital, Sofia, Bulgaria

Medical Physicist Expert, Assoc. Prof. since 2017

- Patient and personnel dosimetry and radiation protection, quality control (QC), research and optimization of x-ray examinations and procedures, optimisation of the radiology practice.
- Organisation, implementation and control of personnel training, examination and certification: lecturing on QC, dosimetry and radiation protection to medical staff (radiologists, radiographers, nurses, doctors non radiologists using X-rays) and lecturing on QC, dosimetry, radiation protection, physics of medical imaging to medical physicists as part of residency program on Medical Radiation Physics.

10.2014 – up to now: Medical University Pleven and Medical University Sofia, Bulgaria

Lecturer, Assoc. Prof

- Lectures and trainings/practices on “Quality Assurance in medical imaging”, “Radiation protection” and “Radiological Physics”

01.2007 – 05.2013 and 03.2014 – 04.2016: National Centre of Radiobiology and Radiation Protection, Sofia, Bulgaria

Medical Physicist

- Optimization of paediatric X-ray examinations.
- Research in the field of QC and dosimetry methods in diagnostic radiology and development of new methodologies.
- Lecturing on QC, dosimetry and radiation protection to medical staff and physics of medical imaging to medical physicists as part of residency program of Medical Radiation Physics.
- Participation in national and international projects in the field of medical exposure and radiation protection. Organisation of national surveys on patient doses and elaboration of national diagnostic reference levels.

06.2008 – 03.2016: Hospital for Pneumophthysiatric Diseases, Sofia, Bulgaria

Medical Physicist

- Optimisation of X-ray examinations

EDUCATION

01.2009 – 10.2015: National Centre of Radiobiology and Radiation Protection -Optimization of paediatric X-ray examinations. PhD in Medical Physics

09.2010 – 05.2016: Medical University of Sofia, NCRRP base - Post-graduate education (residency) - Medical Specialty on Medical Radiation Physics

10.2006 – 03.2008: Sofia University “St. Kliment Ohridski”, Department of Physics - Medical Physics. Master of Science – Medical Physics.

10.2002 – 07.2006: Sofia University “St. Kliment Ohridski”, Department of Physics - Medical Physics. Bachelor of Science – Physicist, Medical Physics.

ADDITIONAL INFORMATION

Membership of professional bodies:

- Member of the executive board (2016-2020) of the Bulgarian Society of Biomedical Physics and Engineering (member of EFOMP, IOMP, IFMBE, EAMBES).
- European Society of Radiology
- Member of national examination board of residency program on Medical Radiation Physics.

Referee for Journal of Radiological Protection; Physica Medica; Cardiology Journal; The British Journal of Radiology; Plos One; European Journal of Radiology; European Radiology; International Journal Bioautomation.

Outstanding Reviewer Award Winner for 2018 for Journal of Radiological Protection