
Zoi Thrapsanioti

PhD candidate in Medical Physics

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Education

2018 -	Ph.D. Candidate in Medical Physics, Athens Medical School, National and Kapodistrian University of Athens
2015	Professional license to practice Medical Physics in the field of non-ionizing radiation
2014	Professional license to practice Medical Physics in the field of ionizing radiation
2011-2013	M.Sc. in Medical Physics - Radiation Physics, Medical School, National and Kapodistrian University of Athens
2005-2011	B.A.Sc. (Bachelor of Applied Science) in Mathematics and Physics, School of Applied Mathematical and Physical Science, National Technical University of Athens

Theses

- «Quality Control of Brachytherapy systems», Ph.D. Thesis, National and Kapodistrian University of Athens, 2018 -
- «Transformation of physical DVHs to Radiobiologically Equivalent Ones in Hypofractionated Radiotherapy Analyzing Dosimetric and Clinical Parameters: A Practical Approach for Routine Clinical Practice in Radiation Oncology», M.Sc. Thesis, National and Kapodistrian University of Athens in collaboration with «Attikon» University Hospital of Athens, Radiotherapy Department, 2013.
- «X-Ray dosimetry in the eye lenses of Interventional Cardiologists», Diploma Thesis, National Technical University of Athens in collaboration with Onassis Cardiac Surgery Centre of Athens and Greek Atomic Energy Commission (E.E.A.E), 2011.

Employment

2016 -	Medical Physicist, Licensing and Inspections Department, Greek Atomic Energy Commission, 2016 -
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- 2015 Medical physicist, Dosimetry Department, Greek Atomic Energy Commission, research program «EURALOC» (EUropean epidemiological study on RAdiation-induced Lens Opacities among interventional Cardiologists), 01/05/2015 - 31/12/2015
- 2014-2015 External scientific collaborator, Radiotherapy Department, «Attikon» University Hospital of Athens, 01/11/2014 - 31/12/2015
- 2014 Medical Physics Intern, Radiology Department, «Attikon» University Hospital of Athens
- 2013-2014 Medical Physics Intern, Nuclear Medicine Department, «Alexandra» General Hospital of Athens
- 2013 Medical Physics Intern, Radiotherapy Department, «Attikon» University Hospital of Athens
- 2010 Medical Physics Intern, Department of Interventional Cardiology, Onassis Cardiac Surgery Centre of Athens

Scientific Publications

- Hourdakis Costas J., Zourari Kyveli, **Thrapsanioti Zoi**, Boziari Argiro (2018), «Dosimetry audits in Radiotherapy – 15 years of experience & contribution to quality», Summary report.
- T. Siiskonen, O. Ciraj-Bjelac, J. Dabin, J. Domienik - Andrezejewska, J. Farah, J.M. Fernandez, A. Gallagher, C.J. Hourdakis, S. Jurkovic, H. Järvinen, Ž. Knežević, C. Koukorava, C. Maccia, M. Majer, F. Malchair, L. Riccardi, C. Rizk, R. Sanchez, M. Sandborg, M. Sans Merce, D. Segota, J. Sierpowska, G. Simantirakis, L. Sukupova, **Z. Thrapsanioti**, E. Vano, «Establishing the European diagnostic reference levels for interventional cardiology», *Physica Medica* 54 (2018) 42-48.
- **Zoi Thrapsanioti**, Panagiotis Askounis, Ioannis Datseris, Ramza Anastasia Diamanti, Miltiadis Papathanasiou, Eleftheria Carinou, «Eye lens radiation exposure in Greek interventional cardiology personnel», *Radiation Protection Dosimetry*, pp 1-13, Volume 2016.
- Vassilis Kouloulis, Anna Zygogianni, Efrosini Kypraiou, John Georgakopoulos, **Zoi Thrapsanioti**, Ivelia Beli, Eftychia Mosa, Amanta Psyrris, Christos Antypas, Christina Armpilia, Maria Tolia, Kalliopi Platoni, Christos Papadimitriou, Nikolaos Arkadopoulos, Costas Gennatas, George Zografos, George Kyrgias, Maria Dilvoi, George Patatoucas, Nikolaos Kelekis, John Kouvaris, «Adjuvant chemotherapy and acute toxicity in hypofractionated RT for early breast cancer», *World Journal of Clinical Cases*, Volume 2014.

- **Zoi Thrapsanioti**, Irene Karanasiou, Kalliopi Platoni, Efstathios P.Efstathopoulos, George Matsopoulos, Maria Dilvoi, George Patatoukas, Demetrios Chaldeopoulos, Nikolaos Kelekis, Vassilis Kouloulis, «Transformation of physical DVHs to Radiobiologically Equivalent Ones in Hypofractionated Radiotherapy Analyzing Dosimetric and Clinical Parameters: A Practical Approach for Routine Clinical Practice in Radiation Oncology», Computational and Mathematical Methods in Medicine, Volume 2013.

Language skills

- English (Certificate of Proficiency in English, University of Cambridge)
- German (Kleines Deutsches Sprachdiplom, Ludwig Maximilian University of Munich)

Computer skills

- Monte Carlo simulations: EGSnrc code
- ECDL Expert Certificate
- Website design

Announcements in national and international conferences

- S. Economides, **Z. Thrapsanioti**, K. Karfopoulos, E. Carinou. “E&T requirements for the recognition of RPEs and MPEs. The situation in Greece” Optimizing radiation protection training, 8th EUTERP Workshop 2019, Μάλτα. Συμμετοχή με poster.
- **K. Zourari**, **Z. Thrapsanioti**, A. Boziari and C. J. Hourdakis. “Dosimetry Audits in Radiotherapy: 15 years of experience and lessons learnt” 2nd European Congress of Medical Physics, Κοπεγχάγη, Δανία, 2018. Συμμετοχή με poster.
- P.Askounis, G.Kyranos, C.Kyrgiakou, **E.Papadomarkaki**, M.Roussou, **Z.Thrapsanioti**, E.Carinou, «Retrospective estimation of the eye lens doses for Greek interventional cardiologists», 4th International Symposium on the System of radiological Protection of ICRP-2nd European Radiation Protection Research Week Paris, France, 2017.
- **Z.Thrapsanioti**, P.Askounis, I.Datseris, R.A. Diamanti, M.Papathanasiou, E.Carinou (2016), «Eye lens radiation exposure in Greek interventional cardiology personnel», 1st European Congress on Medical Physics, Athens.
- I.Antonakos, **Z.Thrapsanioti**, S.Ioannidou, E.Efstathopoulos (2014), «Comparative study of Image Quality and Entrance Surface Dose in two radiographic units: Flat Panel Detector vs Computed Radiography System», 8th European Conference on Medical Physics, Athens.
- **Z.Thrapsanioti**, I.Karanasiou, K.Platoni, E.P.Efstathopoulos, G.Matsopoulos, M.Dilvoi, G.Patatoukas, D.Chaldeopoulos, N.Kelekis, V.Kouloulis (2014), «A

simple method for the transformation of physical DVH to radiobiologically equivalent one in Hypofractionated Radiotherapy: dosimetric and clinical correlations», 8th European Conference on Medical Physics, Athens

- N.Kollaros, **Z.Thrapsanioti**, I.Mastorakou, T.Syrigou, T.Bagiatis, E.Carinou (2014), «Correlation between eye lens and thyroid staff doses in a cardiology centre», 8th European Conference on Medical Physics, Athens.