

CURRICULUM VITAE

Personal data

Name: Stefanos Theocharis

Current position: PhD candidate, Medical Physics Laboratory, Medical School,
National and Kapodistrian University of Athens, Greece

Date of birth: 26 May 1990

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Education

2020-present: PhD Candidate, Medical Physics Laboratory, Medical School, National and Kapodistrian University of Athens, title «Assessment of spatial and dosimetric uncertainties in modern radiotherapy techniques using chemical dosimetry»

2018-2020: Msc in Medical Physics, Medical School, National and Kapodistrian University of Athens

2017: B.Sc. in Physics, Physics Dept., University of Athens, Greece

Research Interests

- Quality assurance in stereotactic radiotherapy applications
- Development of phantoms and methods for the assesment and correction of geometric distortion in MRI images used for radiotherapy applications
- Polymer gel dosimetry in modern radiation therapy techniques

Publications

Tsapaki V, Papastergiou V, Giannakopoulos A, Angelogiannopoulou P, Delatolas V, Triantopoulou S, Theocharis S, Paraskeva K. “Management of difficult bile duct stones and indeterminate bile duct structures: Reduced ERCP radiation exposure with adjunct use of digital single-operator cholangioscopy.” *Phys Med.* 2019 Aug;64:69-73. doi: 10.1016/j.ejmp.2019.06.002. Epub 2019 Jun 28.

Abstracts/presentations in international conferences/meetings

- Kottou S., Stefanopoulou N., Krompas N., Theocharis S., Tsapaki V.: Patient dosimetry during Cone Beam CT in Dental implant planning. 2nd European Congress of Medical Physics (ECMP), Copenhagen, Denmark, August 23-25, 2018. E-poster presentation.
- Triantopoulou S., Theocharis S., Tsapaki V.: Development of a quality assurance program for B-mode ultrasound equipment: one year experience. 2nd European Congress of Medical Physics (ECMP), Copenhagen, Denmark, August 23-25, 2018. Oral presentation.
- Tsapaki V., Paraskeva K., Papastergiou V., Giannakopoulos A., Angelogiannakopoulou N., Papaeuthimiou S., Theocharis S., Triantopoulou Ch.: Single-operator cholangioscopy reduces patient radiation exposure in the management of difficult bile duct stones and indeterminate bile duct strictures: a single-centre, historical comparison study. 2nd European Congress of Medical Physics (ECMP), Copenhagen, Denmark, August 23-25, 2018. E-poster presentation.
- Kollaros N., Kottou S., Apostolopoulou S., Mastorakou I., Theocharis S., Tsapaki V.: Dose optimization in Pediatric Interventional Cardiology. 2nd European Congress of Medical Physics (ECMP), Copenhagen, Denmark, August 23-25, 2018. E-poster presentation.
- Tsapaki V., Iliopoulos P., Fagrezos D., Gourtzoyianni S., Lama N., Theocharis S., Triantopoulou Ch., Maniatis P.: Computed Tomography guided interventional procedures. World Congress on Medical Physics & Biomedical Engineering (IUPESM), Prague, Czech Republic, June 3-8, 2018. Oral Presentation
- S. Triantopoulou, C. Triantopoulou, P. ANGELOGIANNOPOULOU, S. Theocharis, V. Tsapaki. Dose evaluation challenges in paediatric imaging. ECR 2020, EuroSafe Imaging 2020, <https://dx.doi.org/10.26044/esi2020/ESI-09839>.