

## Evangelos Pantelis, MSc, PhD

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### EDUCATION

- 2005: PhD in Physics, Nuclear and Particle Physics Sec., Physics Dept., National and Kapodistrian University of Athens (NKUoA)  
2002: MSc in Medical Physics, Medical School, NKUoA  
1999: BSc in Physics, Physics Dept., NKUoA

### PERSONAL STATEMENT

Dr. Evangelos Pantelis is an Associate Professor in the Medical Physics Laboratory of the Medical School of the NKUoA. His research interests include the optimization of modern radiotherapy applications including intensity modulated radiotherapy, image guided radiotherapy, stereotactic body radiation therapy and stereotactic radiosurgery techniques. He is also interested in implementing advanced imaging techniques in image guided radiotherapy techniques as well as in developing experimental and computational dosimetry methods for the quality assurance of radiation therapy applications. Indicative results of his research are the development of dosimetric algorithms and corresponding software tools for dosimetry calculations in low energy brachytherapy clinical applications. Moreover, his studies on establishing detector specific correction factors for dosimetry measurements in small and non-standard fields have been published in 7 papers and referenced by Report 91 of the International Commission on Radiation Units and Measurements (ICRP).

### AWARDS

- Scholarship (IKY), PhD in Physics, Nuclear Physics department, NKUoA, Greece
- NKUoA Award for excellence in the “Master of Science in Medical Physics” (2000)

### TEACHING ACTIVITY

Professor in several pre- and post-graduate programs organized by the NKUoA (including radiology, nuclear medicine, radiotherapy). Supervision of 14 PhD theses (Principal supervisor in 4) and 38 MSc and Diploma theses.

### RESEARCH SUPPORT

Principal and participant-researcher in more than eight research grants funded by European social funds & Greek national funds and the private sector and managed by the Special Account of Research Grands of the NKUoA.

### REVIEWER

Scientific Paper’s reviewer in the following international journals: Medical Physics, Journal of Applied Medical Physics, Physics in Medicine and Biology, Physica Medica, Biomedical Physics & Engineering Express and Cancers journals.

### BOOK CONTRIBUTIONS

- CyberKnife NeuroRadiosurgery: A practical guide, Editors: A. Conti, P. Romanelli, E. Pantelis, S. G. Soltys, Y. H. Cho, M. Lim, Springer 2020 (ISBN: 978-3-030-50667-4)
- E. Pantelis and A. Niroomand-Rad, “Chapter 11. Use of Radiochromic Films in Commissioning and Quality Assurance of CyberKnife” in: “Radiochromic Film: Role and Applications in Radiation Dosimetry”, Indra J. Das (Ed), Taylor & Francis Books Inc., 2017 (ISBN: 9781498776479).
- C. Antypas and E. Pantelis, “Chapter 77: Integrated systems: CyberKnife”, in “Quality and Safety in Radiotherapy”, T. Pawlicki, A. J. Mundt, P. Dunscombe, P. Scalliet (Eds), Taylor & Francis Books Inc., 2010 (ISBN 9781439804360)

### PUBLICATIONS

67 Articles in peer reviewed Scientific International Journals that have received 1330 citations. h-index = 20 (source: <https://www.scopus.com/authid/detail.uri?authorId=6602366817>, accessed in March 2024).