CURRICULUM VITAE

Name:	Evangelos Pappas
Date of birth:	16 November 1969
Marital Status:	Married, father of two children
Nationality:	Greek
Work Address:	Radiology & Radiotherapy Sector, Department of Biomedical Sciences, University of West Attica, Athens, Greece
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Education:

1999-2003 Ph.D. in Radiotherapy Medical Physics,
Department of Radiology,
Medical School, University of Athens, GR
PhD doctorate dissertation title: “On the use of Magnetic Resonance Imaging for dosimetry purposes. Applications in Radiotherapy''

1993-1994 M.Sc. in Medical Physics,
Department of Bio-Medical Physics and Bio-Engineering,
University of Aberdeen, UK

1987-1992 B.Sc. in Physics, Department of Physics, Faculty of Science, University of Athens, GR

Employment record:

2019 - today Associate Professor of Radiotherapy Medical Physics
Radiology & Radiotherapy Sector, Department of Biomedical Sciences, University of West Attica, Athens, Greece

2012 - 2018 Assistant Professor of Radiotherapy Medical Physics
Medical Radiologic Technologists Department, Technological Educational Institute, Athens, Greece

2014 – today Research Associate
University of Texas Health Science Center, San Antonio, Texas, USA

1999-2012 Radiotherapy Medical Physicist, Medical Physics Department,
'St Savvas' Oncologic Hospital of Athens, Greece

2005-2006 Part time Post-Doc researcher
Radiology Department, Medical School
University of Crete, Greece

1996-2005 Part time research assistant

Nuclear and Particle Physics Sector
Physics Department
University of Athens, Greece

Professional Registrations

- Qualified Medical Physicist in Ionizing Radiation Physics, Ministry of Health, GR
- Qualified Medical Physicist in non-Ionizing Radiation Physics, Ministry of Health, GR

Research Interests:

- Stereotactic Radiosurgery & Stereotactic Body Radiotherapy
- Small-field dosimetry in radiotherapy
- 3D dosimetry in radiotherapy
- MR-LINAC dosimetry

Additional Academic and Organization Skills:

- Reviewer in Scientific Journals:
  - Medical Physics, Physics in Medicine and Biology, Journal of Medical Physics, Physica Medica
- Associate Editor in Scientific Journals:
  - Medical Physics
- Member of the organizing committee of the 5th international conference on radiotherapy gel dosimetry, Crete, Greece, 29 Sept. - 3 Oct., 2008
- International conference proceedings editor (5th international conference on radiotherapy gel dosimetry, Crete, Greece, 29 Sept. - 3 Oct., 2008)
- Member of the IC3DDose Scientific Organozing Committee

International Atomic Energy Agency (IAEA) invited speaker:

“IAEA Regional Workshop on the calibration of external beam radiotherapy equipment”

National Center for Cancer Care and Research, Hamad Medical Corporation, December 2012, Doha, Qatar

Published research work - Synopsis

	Bibliographic Indices from Google Scholar (October 2018) https://scholar.google.gr/citations?hl=en&user=EBvwSI8AAAAJ&view_op=list_works&authuser=1&sortby=pubdate ➢ Total ➢ Published *Articles* in peer reviewed journals ➢ Published Patends ➢ h-index ➢ i10-index ➢ Citations ➢ Total Papers/Publications (*Articles* plus *Conference abstracts*) ➢ Citations per Publication (mean value)	 72 62 1 11 11 656 62 ~ 10.6
	Abstracts in international, peer-reviewed conferences (38 of which are published in international peer reviewed journals as seen above)	64

Funded Research Projects:

- 2005-2006: Program “Pythagoras II”, Grant Κ.Α.2079/ΤΔΥ 16, Greek Ministry of Education. Host Institute: Radiology Department, Medical School, University of Crete, Heraklion, Greece
- 2001-2002: EPAN-M.4.3, 201 3555, Α.Π. 15557/6-2001 Grant on Polish-Hellenic co-operation, European Social Fund. Host Institute: Department of Physics, University of Athens, Athens, Greece
- 1999-2001 Program PENED 99, Grant Κ.Α.70/3/5071, Hellenic General Secretariat of Research and Technology. Host Institute: Department of Physics, University of Athens, Athens, Greece

A. Published articles in peer reviewed journals

1. Pappas E., Kalaitzakis G., Boursianis T., Zoros E., Zourari K, Pappas EP, Makris D, Seimenis I, Efstathopoulos E, Maris TG "Dosimetric performance of the Elekta Unity MR-linac system: 2D and 3D dosimetry in anthropomorphic inhomogeneous geometry" *Phys. Med. Biol. 64(22), 225009, 2019*
2. Makris D., Pappas EP, Zoros E, Papanikolaou N, Saenz DL, Kalaitzakis G, Zourari K, Efstathopoulos E, Maris TG, Pappas E "Characterization of a novel 3D printed patient specific phantom for quality assurance in cranial stereotactic radiosurgery applications", *Phys. Med. Biol. 64(10), 105009, 2019*
3. Hillbrand M., Landry G., Ebert S., Dedes G., Pappas E. P., Kalaitzakis G., Kurz C., Würl M., Englbrecht F., Dietrich O., Makris D., Pappas E., Parodi K., "Gel dosimetry for three dimensional proton range measurements in anthropomorphic geometries" *Zeitschrift für Medizinische Physik, 29(2), 162-172, 2019*
4. Saenz D., Ying Lia, Rasmussen K., Stathakis S., Pappas E., Papanikolaou N. "Dosimetric and localization accuracy of Elekta high definition dynamic radiosurgery" *Physica Medica (54), 146-151, 2018*
5. Narayanasamy G., Stathakis S., Gutierrez A., Pappas E., Crownover R., Floyd J.R., Papanikolaou N., "A Systematic Analysis of 2 Monoisocentric Techniques for the Treatment of Multiple Brain Metastases" *Techn. Cancer Research Treat., 16(5), 639-644, 2017*
6. Liu H., Jun Li, Pappas E., Andrews D., Evans J., Werner-Wasik M., Yan Yu, Dicker A., Wenyin Shi "Dosimetric validation for an automatic brain metastases planning software using single-isocenter dynamic conformal arcs" *J. Appl. Clin. Med. Phys. 17(5), 142-156, 2016*
7. Papoutsaki M.V., Maris T.G., Pappas E., Papadakis A.E., Damilakis J. "Dosimetric characteristics of a new polymer gel and their dependence on post-preparation and post-irradiation time: Effect on X-ray beam profile measurements" *Physica Medica S1120-1797(13), 2013*
8. Papoutsaki M.V., Pappas E., Papadakis A., Varveris C., Damilakis J. Maris T.G. "Dosimetric characteristics of N-vinylpyrrolidone based polymer gels: utilization depending on dose range" *Journal of Physics: Conference Series 444 , 012068, 2013*
9. Papoutsaki M.V., Pappas E., Papadakis A., Varveris C., Damilakis J., Maris T.G. "Polymer gel dosimetry utilizing a 2D (SE) and a 2D (HASTE) multiple echo sequences" *Journal of Physics: Conference Series 444, 012088, 2013*
10. Pappas E., Maris T.G., Manolopoulos S., Zacharopoulou F., Papadakis A., Green S. and Wojnecki C. "Stereotactic radiosurgery photon field profile dosimetry using conventional dosimeters and polymer gel dosimetry. Analysis and inter-comparison" *Journal of Physics: Conference Series 164, art. no. 012054, 2009*
11. Pappas E. "On the role of polymer gels in the dosimetry of small photon fields used in radiotherapy" *Journal of Physics: Conference Series 164, art. no. 012060, 2009*
12. Pappas E., Maris T.G., Manolopoulos S., Zacharopoulou F., Papadakis A., Green S. and Wonjnecki C. "Small SRS photon field profile dosimetry performed using a PinPoint air ion chamber, a diamond detector, a novel silicon-diode array (DOSI) and polymer gel dosimetry. Analysis and intercomparison" *Med. Phys. 35(10), p.4640-4648, 2008*
13. Papadakis A.E., Maris T.G., Zacharopoulou F., Pappas E., Zacharakis G. and Damilakis J. "An evaluation of the dosimetric performance characteristics of N-vinylpyrrolidone-based polymer gels" *Phys. Med. Biol. 52, p.5069-5083, 2007*
14. Pappas E., Maris T.G., Papadakis A., Zacharopoulou F., Damilakis J., Papanikolaou N. and Gourtsoyiannis N. "Experimental determination of the effect of detector size on profile measurements in narrow photon beams" *Med. Phys. 33(10), p.3700-3710, 2006*
15. Pappas E., Maris T.G., Papadakis A., Zacharopoulou F., Damilakis J., Papanikolaou N. and Gourtsoyiannis N. "Use of polymer gel dosimetry for the determination of the detector size effect on profile measurements of a 5 mm diameter photon beam" *Journal of Physics: Conference Series 56 (1), art. no. 040, pp. 245-248, 2006*
16. Maris T.G., Pappas E., Karolemeas K., Papadakis A.E., Zacharopoulou F., Papanikolaou N. and Gourtsoyiannis N. "3D polymer gel dosimetry using a 3D (DESS) and a 2D MultiEcho SE (MESE) sequence" *Journal of Physics: Conference Series* 56 (1)*, art. no. 044, pp. 259-*

262, 2006

17. Zacharopoulou F., Maris T.G., Karolemeas K., Papadakis A.E., Pappas E., Damilakis J. and Gourtsoyiannis N. "Optimization of the T2 parametric image map calculation in MRI polymer gel dosimetry" *Journal of Physics: Conference Series 56 (1), art. no. 041, pp. 249-252, 2006*
18. Papadakis A.E., Perisinakis K., Pappas E., Zacharopoulou F., Damilakis J., Gourtsoyiannis N. and Maris, T.G. "Gel dosimetry in diagnostic radiology: Measurement of the z-axis geometric efficiency in modern MDCT scanners" *Journal of Physics: Conference Series* 56 (1), *art. no. 047, pp. 272-275, 2006*
19. Pappas E., Petrokokkinos L., Angelopoulos A., Maris T.G., Kozicki M., Dalezios I. and Koulolias V. "Relative output factor measurements of a 5 mm diameter radiosurgical photon beam using polymer gel dosimetry" *Med. Phys. 32(6), p.1513-1520, 2005*
20. Pappas E., Angelopoulos A., Kipouros P., Vlachos L., Xenofos S. and Seimenis I. "Evaluation of the performance of VIPAR polymer gels using a variety of x-ray and electron beams" *Phys. Med. Biol. 48, p.N65-N73, 2003*
21. Baras P., Seimenis I., Kipouros P., Papagiannis P., Angelopoulos A., Sakelliou L., Pappas E., Baltas D., Karaiskos P., Sandilos P. and Vlachos L. "Polymer gel dosimetry using a 3D MRI acquisition technique" *Med. Phys. 29(11), p.2506-2516, 2002*
22. Kipouros P., Pappas E., Baras P., Hatzipanayoti D., Karaiskos P., Sakelliou L., Sandilos P. and Seimenis I. "Wide dynamic dose range VIPAR polymer gel – MRI dosimetry in the presence of steep dose gradients" *Phys. Med. Biol. 46, p.2143-2159, 2001*
23. Papagiannis P., Pappas E., Kipouros P., Angelopoulos A., Sakelliou L., Baras P., Karaiskos P., Seimenis I., Sandilos P. and Baltas D. "Dosimetry close to an ^{192}Ir HDR source using N-vinylpyrrolidone based polymer gels and Magnetic Resonance Imaging" *Med. Phys. 28(7), p.1416-1426, 2001*
24. Pappas E., Seimenis I., Angelopoulos A., Georgolopoulou P., Kamariotaki-Paparigopoulou M., Maris T., Sakelliou L., Sandilos P. and Vlachos L. "Narrow stereotactic beam profile measurements using N-vinylpyrrolidone based polymer gels and magnetic resonance imaging" *Phys. Med. Biol. 46, p. 783-797, 2001*
25. Pappas E., Maris T., Angelopoulos A., Paparigopoulou M., Sakelliou L., Sandilos P., Voyiatzi S. and Vlachos L. "A new polymer gel for magnetic resonance imaging (MRI) radiation dosimetry" *Phys. Med. Biol. 44, p. 2677-2684, 1999*
26. Pappas E., Karaiskos P., Angelopoulos A., Apostolakis A., Baras P., Rozaki-Mavrouli H., Trabidou G. and Sakelliou L. "Indoor radiation measurements in Greece" *Radiation Protection Dosimetry 82(4), p. 307-312, 1999*

B. International Conferences Abstracts and Papers published in peer reviewed journals

1. Saenz D., Rasmussen K., Pappas E., Kirby N., Stathakis S., Shi Jr Z., Papanikolaou N. "QA for SBRT of Spine Lesions: Introducing a Novel 3D Gel Dosimeter for Spatial and Dosimetric End-to-End Testing" *Int. Jour. Rad. Oncol. Biol. Phys. 102(3), e517, 2018*
2. Papanikolaou K., Saenz D., Rasmussen K., Kirby N., Stathakis S., Pappas E., Li Y. "3D Gel Dosimetry for Commissioning and Routing QA in Mono and Poly-Isocentric SRS" *Int. Jour. Rad. Oncol. Biol. Phys. 102(3), e486, 2018*
3. Pappas E. P., Makris D., Zoros E., Kalaitzakis G., Boursianis T., Papanikolaou N., Hourdakis C., Zourari K., Lahanas V., Meris T.G., Efstathopoulos E., Pappas E. "Personalized End-to-End QA in Cranial SRS: Evaluation of the Phantom-to-Patient Dosimetric Equivalency of a 3D Printed Phantom using Film Dosimetry" *Int. Jour. Rad. Oncol. Biol. Phys., 102(3), e485-e486, 2018*
4. Kalaitzakis G., Boursianis T., Kozana A., Pappas E., Raissaki M., Maris T.G. "Fabrication of an anthropomorphic neonatal 3D printed head phantom, to be utilized as a quality assurance means for the optimization of the neonatal brain T1 and T2 weighted sequences on a 1.5T clinical MRI system" *Physica Medica: European Journal of Medical Physics, 52, 2018*
5. Hillbrand M., Landry G., Dedes G., Pappas E.P., Kalaitzakis G., Kurz C., Dörringer F., Kaiser K., Würl M., Englbrecht F., Dietrich D., Makris D., Pappas E., Parodi K. "A 3D polymer gel dosimeter coupled to a patient-specific anthropomorphic phantom for proton therapy" *Radiotherapy and Oncology, 123(S1), s432-s433, 2017*

6. Pappas E., Kantemiris I., Boursianis T., Landry G., Dedes G., Maris T.G., Lahanas V., Hillbrand M., Parodi K., Papanikolaou N. "End-to-end QA methodology for proton range verification based on 3D-polymer gel MRI dosimetry" *Radiotherapy and Oncology, 123(S1), s242, 2017*
7. Papanikolaou N., Pappas E., Watts L., Clarke G., Gutierrez A.N., Kirby N., Rasmussen K., Ha C.S., Stathakis S. "A Pseudo–In Vivo Evaluation of Dose Delivered in Spine Stereotactic Body Radiation Therapy: Dosimetric and Clinical Implications" *Int. Jour. Rad. Oncol. Biol. Phys. 96(2s), e119, 2016*
8. Kalaitzakis G., Papanikolaou N., Boursianis T., Pappas E.P., Lahanas V., Makris D., Stathakis S., Watts L., Efstathopoulos E., Maris T.G., Pappas E "A quality assurance test for the validation of the spatial and dosimetric accuracy of a new technique for the treatment of multiple brain mestastases" *Physica Medica, 32(s3), 327-328, 2016*
9. Maris T.G., Pappas E., Boursianis T., Kalaitzakis G., Papanikolaou N., Watts L., Mazonakis M., Damilakis J. "3D polymer gel MRI dosimetry using a 2D haste, A 2D TSE AND A 2D SE multi echo (ME) T2 relaxometric sequences: Comparison of dosimetric results" *Physica Medica, 32(s3), 338, 2016*
10. Karaiskos P., Kollias G., Koutsouveli E., Paraskevopoulou C., Maris T.G., Boursianis T., Pappas E. "Patient specific plan verification of a VMAT plan using 3D polymer Gel dosimeter in a phantom reproducing patient anatomy" *Physica Medica, 32(s3), 333, 2016*
11. Stathakis S., Papanikolaou N., Watts L., Pappas E., Maris T.G., Ha C., Kirby N., Rasmussen K., Gutiérrez A.N. "A Novel Phantom for Dosimetric Validation of SBRT for Spinal Lesions" *Medical Physics, 43(6p22), 3598, 2016*
12. Stathakis S., Papanikolaou P., Watts L., Pappas E., Kalaitzakis G., Maris T.G., Kirby N., Rasmussen K., Gutiérrez A.N. "Dosimetric Validation of Spatially Fractionated Radiotherapy Using Gel Dosimetry" *Medical Physics, 43(6p21), 3581, 2016*
13. Pappas E.P., Papanikolaou N., Kalaitzakis G., Boursianis T., Makris D., Lahanas V., Genitsarios I., Stathakis S., Watts L., Maris T.G., Pappas E. "Pseudo-In-Vivo Dose Verification of a New Mono-Isocentric Technique for the Treatment of Multiple Brain Metastases" *Medical physics 43 (6Part32), 3719-3719*
14. Papanikolaou N., Pappas E., Maris T.G., Teboh Forbang R., Stojadinovic S., Stathakis S., Gutierrez A.N. 'Stereotactic Treatment of Multiple Brain Metastasis: Pseudo In Vivo Evaluation of Three Different Techniques' *Int. Jour. Rad. Oncol. Biol. Phys., 93(3):E572, 2015*
15. Pappas E., Papanikolaou N., Gutierrez A., Kirby N., Mavroidis P., Efstathopoulos E., Makris D., Crownover R., Stathakis S. 'A Study of the Effect of Dose Grid Resolution On Stereotactic Plan Evaluation as a Function of Target Size', *Medical Physics 42(6):3349, 2015*
16. Papanikolaou N., Narayanasamy G., Stathakis S., Pappas E., Kirby N., Mavroidis P., Crownover R., Gutierrez A. 'A Systematic Analysis of Mono-Isocentric Techniques for the Treatment of Multiple Metastasis', *Medical Physics 42(6):3350, 2015*
17. Seimenis I., Kourmpasi I., Kalaitzakis G., Pappas E. 'Assessment of the effect of spatial dose delivery inaccuracies on DVHs: a simulation hypophysis study', *Radiotherapy and Oncology, Vol 115, S745–S746, 2015*
18. Pappas E., Maris T.G. , Kalaitzakis G., Boursianis T., Makris D., Maravelakis E., Stergiopoulos N. 'Innovative QA methodology for true patient-specific Dose Volume Histograms (DVHs) measurements', *Radiotherapy and Oncology, Vol.115, S704-S705, 2015*
19. Boursianis T., Kalaitzakis G., Veneti S., Pappas E., Damilakis J., Maris T.G. 'MRI Diffusion measurements on phantoms: comparison between EPI and HASTE sequences utilizing two fitting methods in Apparent Diffusion Coefficient (ADC) measurements', *Physica Medica, 30:e50, 2014*
20. Pappas E. "Stereotactic radiosurgery/radiotherapy pre-treatment plan verification using calibration-free Gafchromic EBT2 films" *Physica Medica, 30(s1), e59, 2014*
21. Papoutsaki M.-V., Pappas E., Papadakis A.E. , Varveris C., Damilakis J., Maris T.G. 'A preliminary study: The impact of manufacturing conditions on the dosimetric characteristics of N-vinylpyrrolidone based polymer gels', *Physica Medica, 30:e71, 2014*
22. Maris T.G., Boursianis T., Kalaitzakis G., Pappas E., G. Manikis, K. Marias, A Karantanas 'The development of an easily adopted head and abdomen DWI quality control phantom and test different regression algorithms for precise Apparent Diffusion Coefficient (ADC)

measurements', *Physica Medica, 30:e56, 2014*

23. Pappas E., Maris T.G., Hammoud R., Perkins G., Al Hammadi N. "An innovative method for patient-specific pre-treatment plan-verification (PTPV) in head & neck radiotherapy treatments: preliminary results" *Int. Jour. Rad. Oncol. Biol. Phys Vol. 87, Issue 2, Supplement, Page S756-7, 2013*
24. Hammoud R., Sheim S., El Kaissi T., Pappas E., Maris T.G., Vapoutsaki V., Tsakiris G., Al Hammadi N. 'Evaluation of a 3D pre-treatment plan verification process for stereotactic radiosurgery (SRS) treatments', *Int. Jour. Rad. Oncol. Biol. Phys Vol. 87, Issue 2, Supplement, Page S734, 2013*
25. Pappas E., Hammoud R., Kagadis G., Sharif A., Bakas A., Papadimitroulas P. "On the evaluation of GATE Monte Carlo Toolkit performance for the dosimetry of Ir-192 and I-125 brachytherapy sources" *Medical Physics 40, 331, 2013*
26. Sheim S., Pappas E., El Kaissi T., Paloor S., Sharif A., Hammoud R., Al Hammadi N. 'A methodology for using Gafchromic EBT2-films for accurate relative 2D-dosimetry without the need of an accurate calibration curve', *Medical Physics 40, 225, 2013*
27. Koukourakis G., Geli E., Polizoi V., Vlachodimitropoulou L., Kafkoula A., Karagianni P., Pappas E., Sotiropoulou-Lontou A. "ULTRASOUND GUIDED ENDOCAVITARY HDR-IR192 BRACHYTHERAPY FOR LOCALLY ADVANCED CARCINOMA OF CERVIX" *Radiotherapy and Oncology, 103(s1), s438, 2012*
28. Boskos C., Korkolis D., Bikou K., Mosa E., Pappas E., Piperi M., Rasias M., Vasilakou E.,Skarlatos I., Zabatis X. "Preoperative versus Postoperative Concomitant Chemoradiation in Locally Advanced Rectal Cancer: First Greek Comparative Retrospective Trial With 153 Patients" *Int. Jour. Rad. Oncol. Biol. Phys. 81(2s), S372, 2011*
29. Sakelliou L., Pappas E., Maris T.G., Petrokokkinos L., Kozicki M., Striligas I., Angelopoulos A. "Experimental determination of the PTW Pinpoint ion chamber size effect using polymer gel dosimetry" *Biomedizinische Technik/Biomedical Engineering 50(1), 1081-1082, 2005*
30. Kozicki M., Petrokokkinos L., Papagiannis L., Sakelliou L., Angelopoulos A., Pappas E., Rosiak J.M. "Study of VIPAR gel dosimeter dose range improvement" *Medical Physics Proceedings of the jointly held Congresses ICMP, 14-17 and Biomedizinische Technik/Biomedical Engineering 50, Supplementary vol. I, Part 2, p.1368-9, 2005*
31. Pissakas G., Georgolopoulou P., Doukaki K., Kalogeridou M., Kosmidou S., Pappas E., Andriotis E., Arhontakis G. and Sotiropoulou A. "Stereotactic radiosurgery for benign meningiomas" *Radiother. Oncol. 71:85 Suppl.1, p.S33-S33, 2004*
32. Kordiolis N., Pissakas G., Georgolopoulou K., Doukaki K., Pappas E. and Andriotis A. "Early results of stereotactic radiosurgery in a new unit" *Inter. J. Cancer, Suppl. 13, p. 460-460, 2002*
33. Pappas E., Kipouros P., Papagiannis P., Seimenis I. and Sandilos P. "Dosimetry in the presence of steep dose gradients using N-Vinylpyrrolidone based polymer gels and MRI," *Physica Medica, Volume XVII, N. 3, pp. 168, 2001*
34. Maris T., Pappas E., Papanikolaou N., Papavassiliou G., Voyiatzi S., Perris A., Sandilos P. and Damilakis J. "Quality assurance in clinical MR imaging systems" *Physica Medica XV(3), 456, p. 240, 1999*
35. Pappas E., Voyiatzi S., Sakeliou L., Sandilos P., Maris T., Vlahos L. and Paparigopoulou M. "Development of a new polymer gel dosimeter for relative dose distribution measurements using MRI" *Physica Medica XV(3), 257, p. 202, 1999*

C. Conferences abstracts published in proceedings

1. Hourdakis C., Zourari K., Thrapsanioti Z., Pantelis E., Antypas C., Pantelakos P., Zoros E., Makris D., Pappas E.P., Pappas E. "End-to-end audit tests for advanced radiotherapy treatment modalities involving patient-specific 3D dosimetry phantoms" *Icaro-2 conference, IAEA, 20-23 June, Vienna, Austria, 2017*
2. Osterman K., Storey P., Pappas E., Kondziolka D., Silverman J., Das I., Xu A., Xue J., Han K., Lymberis S., "Dosimetric Validation of Mask-Based Stereotactic Gamma Knife Radiosurgery Using Pseudo in Vivo 3D Dosimetry: End-To-End SRS Quality Assurance" AAPM annual meeting, USA, 2017
3. Landry G., Hillbrand M., Dedes G., Pappas E.P., Kalaitzakis G., Kurz C., Dörringer F.,

Kaiser K., Würl M., Englbrecht F., Dietrich O., Makris D., Pappas E., Parodi K. "PATIENT SPECIFIC 3D GEL DOSIMETRY FOR PROTON THERAPY" *NEUDOS conference, Krakow, Poland, 2017*

4. Milickovic N., Pappas E., Baltas D. "On an individualized QA methodology in stereotactic radiosurgery by the use of 3D-printing technology and polymer gel dosimetry" *46. Jahrestagung der Deutschen Gesellschaft für Medizinische Physik (DGMP) e. V.At: Marburg, Germany, 2015*
5. Maris T.G., Papoutsaki M.V., Pappas E., Varveris C. and Damilakis J. "Fitting regression algorithms in qMRI polymer gel dosimetry" *Euromar 2013 (European magnetic resonance community), 30 June – 5 July, Crete, Greece, 2013*
6. Papoutsaki M.V., Pappas E., Varveris C., Damilakis J. and Maris T.G. "The effect of the manufacture methodology on the dosimetric characteristics of normoxic n-vinylpyrrolidone based polymer gels as assessed by qMRI methods" *Euromar 2013 (European magnetic resonance community), 30 June – 5 July, Crete, Greece, 2013*
7. Hammoud R., El Kaissi T., Sheim S., Al Hammadi N., Spirou S., Zaimis G., Bakas A., Pappas E., Maris T.G. "A Methodology for Stereotactic Radiosurgery Pre-Treatment Plan Verification Using EBT2-Films and Polymer Gel Dosimetry" *2nd International Conference on Bio-Medical Instrumentation and related Engineering and Physical Sciences, 21-22 June, Athens, Greece, 2013*
8. Papadimitroulas P., Spirou S., Loudos G., Tsakiris G., Zaimis G., Hammoud R., Al Hammadi N., Pappas E. "On the Dosimetry of the Brachytherapy Nucletron-MicroSelectron Ir-192 Classic source following the TG43 Formalism. Use of the GATE Monte Carlo code" *2nd International Conference on Bio-Medical Instrumentation and related Engineering and Physical Sciences, 21-22 June, Athens, Greece, 2013*
9. Pappas E. "Investigation of dosimetric and radiobiologic benefits in prostate cancer radiotherapy by the use of an inflative ballon that seperates the prostate gland from rectum" *12th Panhellenic Radiotherapy Conference, Kilini, Greece, 2012*
10. Papadimitroulas P., Pappas E., Spirou S., Kagadis G.C., Tsakiris G. And Loudos G. "Brachytherapy simulations of 192Ir microSelectron source using GATE Monte Carlo toolkit" *Workshop on Bio-Medical instrumentation and related engineering and physical sciences, Athens, Greece, 2012*
11. Koukourakis G., Mhliadou A., Vlachodimitropoulou Z., Kafkoula A., Karagiannh P., Katsakioris B., Pappas E. and Sotiropoulou A. "Bladder cancer hypofractionation radiotherapy strategy.Preliminary results of a single institute" *16th Panhellenic Oncology Conference, Athens, Greece, 2011*
12. Pappas E., Maris T., Sakelliou L. "Quantification of the effect of Magnetic Resonance Imaging resolution on small photon beam profile measurements performed using polymer gel - MRI dosimetry" *2nd International Conference of Imaging Technologies in Biomedical Sciences (ITBS) Milos, Greece, 2006*
13. Papadakis A., Maris T.G., Pappas E., Zacharakis G., Garofalakis A., Atrops S., Ripoll J. "Radiation Therapy Dosimetry With Optical Computed Tomography and MR Scanning" *Biomedical Optics, Technical Digest (CD) (Optical Society of America, 2006), Biomedical Topical Meeting 2006, Fort Lauderdale, Florida United States, 19–22 March, 2006*
14. Pissakas G., Georgolopoulou P., Kalogeridou M., Andriotis E., Doukaki K., Kosmidou S., Mourgela S., Archontakis G., Pappas E., Kouloulias V., Kouvaris I., Sotiropoulou A. "Stereotactic radiosurgery for benign brain tumors – A single institution experience" *7th International Stereotactic Radiosurgery Society Congress, Brussels, Belgium, 2005*
15. Pappas E., Maris T.G., Petrokokkinos L., Kozicki M., Striligas I., Angelopoulos A., Sakelliou L. "Experimental determination of the PTW Pinpoint ion chamber size effect using polymer gel dosimetry" *14th International Conference of Medical Physics, Nuremberg, Germany and Biomedizinische Technik/Biomedical Engineering 50, Supplementary vol. I, Part 2 p. 1081-2, 2005*
16. Petrokokkinos, I. Striligas, E. Pappas, P. Baras, P. Sandilos, M. Kozicki, J.M. Rosiak and A. Angelopoulos "Polymer Gel – MRI for the quantification of volume averaging dose underestimation in Gamma knife small field dosimetry", *14th International Conference of Medical Physics, Nuremberg, Germany and Biomedizinische Technik/Biomedical Engineering 50, Supplementary vol. I, Part 1, p. 743-4, 2005*
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