

1 CURRICULUM VITAE

PERSONAL INFORMATION	
SURNAME	PERISINAKIS
NAME	KOSTAS
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TEL.	+302810392564 +306974788349

CURRENT POSITION(S)

2020-present	Professor of Medical Physics Medical School, University of Crete, Greece
2023-present	Head of Radiology Division, Medical School, University of Crete, Greece

PREVIOUS POSITION(S)

Please add previous research position(s)/experience starting with the most recent.

2015-2020	Associate Professor of Medical Physics Medical School, University of Crete, Greece
2005-2015	Assistant Professor of Medical Physics Medical School, University of Crete, Greece
2000-2005	Lecturer of Medical Physics Medical School, University of Crete, Greece
1996-1999	Scientific Associate Medical School, Medical Physics Department, University of Crete, Greece

EDUCATION

Please add separate sections for each degree starting with the most recent.

1996-1999	PhD, Medical School, Medical Physics Department, University of Crete, Greece, PhD thesis: 'The Effects of Attenuation and Scatter in Image Quality of Planar and Tomographic Scintigraphic Studies: Correction Techniques'
1991-1995	MSc in Medical Physics, Faculty of Medicine and Faculty of Physics, University of Patras, Greece, MSc thesis: 'Analysis of Radiation Doses to Embryo from Common Radiological Procedures'
1986-1991	BSc in Physics, Faculty of Physics, National & Capodistrian University of Athens, Greece, BSc thesis: 'Analysis of uranium samples using the delayed neutron method', BSc

PUBLICATIONS

The total number of my publications in peer-review journals with impact-factor (Index Medicus) is **125**.

A. Publications per journal (journals in the area of Medical Physics, Radiology and Nuclear Medicine are highlighted):

Journal	Impact Factor (JCR 2024)	papers
Circulation	38.6	3
JACC	22.3	1
Radiology	15.2	2
Am J Hematology	9.9	1
Journal of Nuclear Medicine	9.1	1
Investigative Radiology	9.0	9
Gastrointestinal endoscopy	7.5	1
Annals of Surgery	6.4	1
Osteoporosis Int	5.4	2
Respiratory Research	5.0	1
International Journal of Oncology	4.9	1
European Radiology	4.7	11
CORR	4.4	1
Journal of Bone and Joint Surgery Am	4.3	1
Zeitschrift fur Medizinische Physik	4.2	1
Oncol Reports	3.9	3
Eur J Clin Invest	3.6	1
Spine	3.5	3
Physics in Medicine and Biology	3.4	2
British Journal of Radiology (BJR)	3.4	2
Diagnostics	3.3	1
European Journal of Radiology	3.3	7
Medical Physics	3.2	19
Calcified Tissue International	3.2	4
International Journal of Cardiology	3.2	1
Respiratory Medicine	3.1	1
Obesity Surgery	3.1	1
Hellenic Journal of Cardiology	3.0	2
Int J Hyperthermia	3.0	1
Menopause	3.0	1
Clinica Chimica Acta	2.9	1
BMC Pulmonary Medicine	2.8	1
European Journal of Medical Physics (Physica Medica)	2.7	11
J Vasc Interv Radiol	2.6	4
J Cardio Electrophysiology	2.6	1
Annals of Nuclear Medicine	2.5	1
Pediatric Radiology	2.3	1
Inter J Lab Hem (Clinical Laboratory Hematology)	2.3	1

Journal Applied Clinical Medical Physics	2.2	1
Magnetic Resonance Imaging	2.0	1
Brachytherapy	1.8	2
Sarcoidosis Vascul	1.8	1
J Surg Research	1.7	1
Health Physics	1.4	2
Nuclear Medizin	1.2	1
Acta Radiologica	1.1	3
Medical Hypothesis	0.8	1
Radiation Protection Dosimetry	0.7	5

B. Citations and mean impact factor

Total number of citations = 3750 and h-index=33 (Scopus, Oct 2025).

Mean impact factor = 4.85

C. List of publications

1. Accidental embryo irradiation during barium enema examinations: An estimation of absorbed dose
J. Damilakis, K. Perisinakis, J. Grammatikakis, G. Panayiotakis and N. Gourtsoyiannis
Investigative Radiology 1996; 31:242-245
2. Maximum embryo absorbed dose from intravenous urography: interhospital variations
J. Damilakis, K. Perisinakis, M. Koukourakis and N. Gourtsoyiannis
Radiation Protection Dosimetry 1997; 72:61-65
3. CT of the sacroiliac joints: Dosimetry and optimal settings for a high resolution technique
J. Damilakis, P. Prassopoulos, K. Perisinakis, C. Fafila and N. Gourtsoyiannis
Acta Radiologica 1997; 38: 870-875
4. Effect of region of interest location on ultrasound measurements of the calcaneus
J. Damilakis, K. Perisinakis, E. Vagios, D. Tsinikas and N. Gourtsoyiannis
Calcified Tissue International 1998; 63: 300-305
5. Effect of the dual and the triple energy window scatter correction methods on image quality of liver scintigraphy
K. Perisinakis, J. Damilakis, N. Karkavitsas and N. Gourtsoyiannis
Nuklearmedizin 1998; 37: 239-244
6. Effect of lifetime occupational physical activity on indices of bone mineral status in healthy postmenopausal women
J. Damilakis, K. Perisinakis, G. Kontakis, E. Vagios and N. Gourtsoyiannis
Calcified Tissue International 1999; 64: 112-116
7. Embryo Depth during the first trimester: Data required for embryo dosimetry

K. Perisinakis, J. Damilakis, E. Vagios and N. Gourtsoyiannis
Investigative Radiology 1999; 34: 449-454

8. Imaging ultrasonometry of the calcaneus: dependence on calcaneal area
J. Damilakis, K. Perisinakis, N. Gourtsoyiannis
Calcified Tissue International 2000; 67: 24-28.

9. Estimation of fetal radiation dose from computed tomography scanning in late pregnancy: Depth dose data from routine examinations
Damilakis J, Perisinakis K, Voloudaki A, Gourtsoyiannis N.
Investigative Radiology 2000; 35: 527-533.

10. Patient dose reduction in CT examinations by optimizing scanogram acquisition
K. Perisinakis, J. Damilakis, A. Voloudaki, A. Papadakis and N. Gourtsoyiannis.
Radiation Protection Dosimetry 2001; 93:173-178.

11. Imaging ultrasonometry of the calcaneus: optimum T-score thresholds for the identification of osteoporotic subjects
J. Damilakis, K. Perisinakis, N. Gourtsoyiannis
Calcified Tissue International 2001; 68: 219-24.

12. Accurate assessment of patient effective radiation dose and associated detriment risk from radiofrequency catheter ablation procedures
K. Perisinakis, J. Damilakis, N. Theocharopoulos, E. Manios, P. Vardas, N. Gourtsoyiannis
Circulation 2001; 104: 58-62

13. Broadband ultrasound attenuation imaging: influence of location of region of measurement.'
J. Damilakis, A. Papadakis, K. Perisinakis, G. Kontakis, N. Gourtsoyiannis
European radiology 2001; 11:1117-1122

14. Conceptus radiation dose and risk from cardiac catheter ablation procedures
J. Damilakis, N. Theocharopoulos, K. Perisinakis, E. Manios, P. Dimitriou, P. Vardas, N. Gourtsoyiannis
Circulation 2001; 104: 893-897

15. Film-screen magnification versus electronic magnification and enhancement of digitized contact mammograms in the assessment of subtle microcalcifications'
K. Perisinakis, J. Damilakis, E. Kontogiannis, N. Gourtsoyiannis
Investigative Radiology 2001; 36: 726-733

16. Broadband ultrasound attenuation imaging: Algorithm development and clinical assessment of a region growing technique'
J. Damilakis, J. Stratakis, K. Perisinakis, N. Gourtsoyiannis
Physics in Medicine and Biology 2002; 47: 315-325

17. Patient effective radiation dose and associated risk from transmission scans using 153-Gd line sources in cardiac SPECT studies'

K. Perisinakis, N. Theocharopoulos, N. Karkavitsas, J. Damilakis
Health Phys 2002; 83: 66-74

18. The predictive role of serum and bronchoalveolar lavage cytokines and adhesion molecules for acute respiratory distress syndrome development and outcome
P. Agouridakis, D. Kyriakou, MG Alexandrakis, A Prekates, K. Perisinakis, N Karkavitsas, D Bouros.
Respiratory Research 2002; 3:25

19. Comparison of four methods for assessing patient effective dose from radiological examinations'
N. Theocharopoulos, K. Perisinakis, J. Damilakis, H. Varveris, N. Gourtsoyiannis
Medical Physics 2002; 29:2070-2079

20.
Embryo/Fetus radiation dose and risk from dual X-ray absorptiometry examinations
J. Damilakis, K. Perisinakis, H. Vrachoriti, G. Kontakis, H. Varveris, N. Gourtsoyiannis
Osteoporosis International 2002; 13: 716-22.

21. Serum proinflammatory cytokines and its relationship to clinical parameters in lung cancer patients with reactive thrombocytosis'
M.G. Alexandrakis, F.H. Passam, K. Perisinakis, E. Ganotakis, G. Margantinis, D.S. Kyriakou, D. Bouros.
Respiratory Medicine 2002; 96: 553-558.

22. Normalized conceptus doses for abdominal radiographic examinations calculated using a Monte Carlo technique
J. Damilakis, A. Tzedakis, L. Sideri, K. Perisinakis, N. Gourtsoyiannis
Medical Physics 2002;29:2641-2648

23. Association between increased levels of IL-2 and IL-15 and outcome in patients with early acute respiratory distress syndrome
P. Agouridakis, D. Kyriakou, MG Alexandrakis, K. Perisinakis, N. Karkavitsas, D. Bouros
European Journal of Clinical Investigation 2002; 32:862-867

24.
Assessment of patient effective radiation dose and associated radiogenic risk from extracorporeal shock-wave lithotripsy
K. Perisinakis, J. Damilakis, P. Anezinis, I. Tzagaraki, H. Varveris, A. Cranidis, N. Gourtsoyiannis
Health Physics 2002; 83:847-853

25. Conceptus radiation dose and risk from chest screen-film radiography
J. Damilakis, K. Perisinakis, P. Prassopoulos, E. Dimovasili, H. Varveris, N. Gourtsoyiannis
European Radiology 2003; 13: 406-412.

26.
A phase I trial of weekly docetaxel and cisplatin combined to concurrent hyperfractionated radiotherapy for non-small cell lung cancer and squamous cell carcinoma of head and neck
H. Varveris, M. Mazonakis, M. Vlachaki, S. Kachris, E. Lyraraki, O. Zoras, T. Maris, M. Froudarakis, J. Velegarakis, C. Perysinakis, J. Damilakis, G. Samonis
Oncology Reports 2003; 10:185-195.

27. The clinical and prognostic significance of erythrocyte sedimentation rate (ESR), serum interleukin-6 (IL-6) and acute phase protein levels in multiple myeloma
Alexandrakis MG, Passam FH, Ganotakis ES, Sfiridaki K, I. Xilouri, K. Perisinakis, D.S. Kyriakou
Clinical and Laboratory Haematology (new name since 2007: International Journal of Clinical Haematology) 2003; 25: 41-46.

 28. Ultrasound velocity through the cortex of phalanges, radius and tibia in normal and osteoporotic postmenopausal women using a new multisite quantitative ultrasound device
J. Damilakis, G. Papadokostakis, H. Vrahoriti, I. Tzagaraki, K. Perisinakis, A. Hadjipavlou, N. Gourtsoyiannis
Investigative Radiology 2003; 38:207-211.

 29. Radiogenic risks from hysterosalpingography
K. Perisinakis, J. Damilakis, J. Grammatikakis, N. Theocharopoulos, N. Gourtsoyiannis
European Radiology 2003; 13:1522-1528

 30. Can radial bone mineral density and quantitative ultrasound measurements reduce the number of women who need axial density skeletal assessment
J. Damilakis, K. Perisinakis, G. Papadokostakis, A. Hadjipavlou, N. Gourtsoyiannis
Osteoporosis International 2003; 14:688-93.

 31.
Occupational exposure from common fluoroscopic projections used in orthopedic surgery
N. Theocharopoulos, K. Perisinakis, J. Damilakis, G. Papadokostakis, A. Hadjipavlou, N. Gourtsoyiannis
Journal of Bone and Joint Surgery Am 2003; 85-A(9):1698-1703

 32. Conceptus radiation dose assessment from fluoroscopically assisted surgical treatment of hip fractures
J. Damilakis, N. Theocharopoulos, K. Perisinakis, G. Papadokostakis, A. Hadjipavlou, N. Gourtsoyiannis
Medical Physics 2003; 30: 2594-2601

 33. Serum levels of interleukin-16 in multiple myeloma patients and its relationship to disease activity
MG Alexandrakis, FH Passam, M. Niniraki, AV Christophoridou, K. Perisinakis, A. Hatzibasili, A. Foudoulakis, DS Kyriakou
American Journal of Hematology 2004; 75:101-106

 34.
Patient effective dose and radiogenic risks from fluoroscopically assisted surgical treatments of femoral fractures
K. Perisinakis, J. Damilakis, N. Theocharopoulos, G. Papadokostakis, A. Hadjipavlou, N. Gourtsoyiannis
Radiation Protection Dosimetry 2004; 108:65-72

 35. Determination of dose-area product from panoramic radiography using a pencil ionization chamber: Normalized data for the estimation of patient effective and organ doses
K. Perisinakis, J. Damilakis, J. Neratzoulakis, N. Gourtsoyiannis
Medical Physics 2004; 31:708-714.
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36. Th1 Cytokine Pattern (IL-12 and IL-18) in BALF and induced sputum before and after treatment with interferon gamma-1b (IFN- γ -1b) or colchicine in patients with Idiopathic pulmonary fibrosis (IPF/UIP)
KM. Antoniou, MG. Alexandrakis, K Sfiridaki, I Tsiligianni, Perisinakis K, et al
Sarcoidosis Vasculitis and Diffuse Lung Diseases 2004; 21: 105-110
37. Discrimination of hip fractures by quantitative ultrasound of the phalanges and the calcaneus and dual X-ray absorptiometry
J. Damilakis, G. Papadokostakis, K. Perisinakis, T. Maris, P. Dimitriou, A. Hadjipavlou, N. Gourtsoyiannis
European Journal of Radiology 2004; 50: 268-272.
38. Estimation of patient dose and associated radiogenic risks from fluoroscopically guided pedicle screw insertion
K. Perisinakis, N. Theocharopoulos, J. Damilakis, G. Papadokostakis, P. Katonis, A. Hadjipavlou, N. Gourtsoyiannis
Spine 2004; 29:1555-1560.
39. Pegulated liposomal doxorubicin and cisplatin given concurrently with conventional radiotherapy: a phase I dose-escalation trial for patients with squamous cell carcinoma of head and neck and lung
H Varveris, S Kachris, M Mazonakis, E Lyraraki, A Markouizou, S Karabekios, A Tzedakis, K Perisinakis, J Damilakis, M Vlachaki.
Oncology Reports 2004; 12: 473-481.
40. Patient exposure and associated radiogenic risks from fluoroscopically guided vertebroplasty/kyphoplasty
K. Perisinakis, J. Damilakis, N. Theocharopoulos, G. Papadokostakis, A. Hadjipavlou, N. Gourtsoyiannis
Radiology 2004; 232: 701-707.
41. Clinical significance of circulating endothelial adhesion molecules (sE-selectin and sICAM) in untreated multiple myeloma patients
M.G.Alexandrakis, F.H.Passam, K.Sfiridaki, P.Kafarakis, E.Karydi, D.Liapi, K.Perisinakis, D.S.Kyriakou
Clinical Chimica Acta. 2004; 349:39-43.
42. Occupational gonadal and fetal doses from fluoroscopically assisted surgical treatments of spinal disorders
N. Theocharopoulos, J. Damilakis, K. Perisinakis, G. Papadokostakis, A. Hadjipavlou, N.Gourtsoyiannis
Spine 2004; 29:2573–2580
43. Image-guided reconstruction of femoral fractures: Is the stuff progeny safe?
N. Theocharopoulos, J. Damilakis, K. Perisinakis, G. Papadokostakis, A. Hadjipavlou, N.Gourtsoyiannis
Clinical Orthopaedics Related Research 2005; 430:182-188
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44. Reduction of eye lens radiation dose by orbital bismuth shielding in pediatric patients undergoing CT of the head: A Monte Carlo study
K. Perisinakis, M. Raissaki, A. Tzedakis, N. Theocharopoulos, J. Damilakis, N. Gourtsoyiannis
Medical Physics 2005; 32:1024-1030

 45. The effect of z-overscanning on patient effective dose from multi-detector spiral computed tomography examinations
A. Tzedakis, J. Damilakis, K. Perisinakis, J. Stratakis, N. Gourtsoyiannis
Medical Physics 2005; 32:1621-1629

 46. Anticipation of radiation dose to the conceptus from occupational exposure of pregnant staff during fluoroscopically guided electrophysiological studies
J. Damilakis, K. Perisinakis, N. Theocharopoulos, A. Tzedakis, E. Manios, P. Vardas, N. Gourtsoyiannis
Journal of Cardiovascular Electrophysiology 2005; 16: 773-780

 47. Fluoroscopically guided implantation of modern cardiac resynchronization devices : Radiation burden to the patient and associated risks
K. Perisinakis, J. Damilakis, N. Theocharopoulos, A. Tzedakis, E. Manios, P. Vardas, N. Gourtsoyiannis
Journal of American College of Cardiology (JACC) 2005; 46:2335-2339

 48. Radiation dose and risk from fluoroscopically guided percutaneous transhepatic biliary procedures
J. Stratakis, J. Damilakis, A. Hatzidakis, K. Perisinakis, N. Gourtsoyiannis
Journal of Vascular and Interventional Radiology 2006; 17:77-84

 49. Fluoroscopically assisted surgical treatments of spinal disorders: Conceptus radiation doses and risks
N. Theocharopoulos, J. Damilakis, K. Perisinakis, G. Papadokostakis; A. Hadjipavlou; N. Gourtsoyiannis
Spine 2006; 31: 239-244

 50. Fluoroscopy controlled voiding cystourethrography in infants and children: Are radiation risks trivial?
K. Perisinakis, M. Raissaki, J. Damilakis, J. Stratakis, J. Neratzoulakis, N. Gourtsoyiannis
European Radiology 2006; 16: 846-851

 51. Normalized dose data for upper gastrointestinal tract contrast studies performed to infants
J. Damilakis, J. Stratakis, M. Raissaki, K. Perisinakis, N. Kourbetis, N. Gourtsoyiannis
Medical Physics 2006; 33: 1033-1040

 52. The effect of z-overscanning on radiation burden of pediatric patients undergoing head CT with multi-detector scanners. A Monte Carlo study
A. Tzedakis, K. Perisinakis, M. Raissaki, J. Damilakis
Medical Physics 2006; 33: 2472-2478.

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Occupational exposure in the electrophysiology laboratory: Quantifying and minimizing radiation risks

N. Theocharopoulos, J. Damilakis, K. Perisinakis, E. Manios, P. Vardas, N. Gourtsoyiannis
British Journal Radiology 2006; 79: 644-651

54. Clearance of Technetium-99m-DTPA and HRCT findings in the evaluation of patients with idiopathic pulmonary fibrosis

K.M. Antoniou, K. Malagari, N. Tzanakis, K. Perisinakis, E.K Symvoulakis, N. Karkavitsas, N.M Siafakas and D. Bouros
BMC Pulmonary Medicine 2006, 6:4.

55.

Estimation of effective doses to adult and pediatric patients from multi-slice computed tomography: A method based on energy imparted

N. Theocharopoulos, J. Damilakis, K. Perisinakis, A. Tzedakis, N. Gourtsoyiannis
Medical Physics 2006; 33, 3846-3856.

56. Clearance of technetium-99m-DTPA in pulmonary sarcoidosis. Antoniou KM, Tzanakis N, Malagari K, Symvoulakis KE, Perisinakis K, Karkavitsas N, Siafakas NM, Bouros DE.

Monaldi Arch Chest Dis. 2006 Sep;65(3):141-4. doi: 10.4081/monaldi.2006.559. PMID: 17220103.

57. Dosimetric characteristics of a 16-slice computed tomography scanner

N. Theocharopoulos, K. Perisinakis, J. Damilakis, S. Karampekios, N. Gourtsoyiannis
European Radiology 2006; 16: 2575-2585.

58. Sleeve gastrectomy – a restrictive procedure?

J. Melissas, S. Koukouraki, J. Askoxylakis, M. Stathaki, M. Daskalakis, K. Perisinakis, N. Karkavitsas
Obesity Surgery 2007; 17:57-62.

59.

Energy imparted-based estimates of the effect of z-overscanning on adult and pediatric patient effective doses from multi-slice computed tomography

N. Theocharopoulos, J. Damilakis, K. Perisinakis, N. Gourtsoyiannis
Medical Physics 2007; 34: 1139-1152

60. Influence of z-overscanning on normalized effective dose data for pediatric patients undergoing MD CT examinations: A Monte Carlo study

A. Tzedakis, J. Damilakis, K. Perisinakis, A. Karantanas, S. Karabekios, N. Gourtsoyianis
Medical Physics 2007; 34: 1163-1175

61. Clinical usefulness of attenuation and scatter correction in TI-201 SPECT studies using coronary angiography as a reference

A. Velidaki, K. Perisinakis, S. Koukouraki, J. Koutsikos, P. Vardas, N. Karkavitsas
Hellenic Journal of Cardiology 2007; 48:211-217.

62. Hip fracture discrimination by the Achilles Insight QUS imaging device

J. Damilakis, G. Papadokostakis, K. Perisinakis, TG Maris, AH Karantanas
European Journal of Radiology 2007; 63:59-62.

63. Angular on-line tube current modulation in multidetector CT examinations of children and adults: The influence of different scanning parameters on dose reduction
A.E. Papadakis, K. Perisinakis, J. Damilakis
Medical Physics 2007; 34: 2864-2874
64.
Determination of the weighted CT dose index in modern multi-detector CT scanners
K. Perisinakis, J. Damilakis, A. Tzedakis, A. Papadakis, N. Theocharopoulos, N. Gourtsoyiannis
Physics in Medicine and Biology 2007; 52:6485-6495.
65. On the use of Monte Carlo-derived dosimetric data in the estimation of patient dose from CT examinations
K. Perisinakis, A. Tzedakis, J. Damilakis
Medical Physics 2008; 35: 2018-2028
66. Automatic exposure control in pediatric and adult multi-detector CT examinations: A phantom study on dose reduction and image quality
A. Papadakis, K. Perisinakis, J. Damilakis
Medical Physics 2008; 35:4567-4576
67. Therapeutic ERCP and pregnancy: Is the radiation risk for the conceptus trivial?
E.T. Samara, J. Stratakis, J.M. Enele-Melono, J. Mouzas, K. Perisinakis, J. Damilakis
Gastrointestinal Endoscopy 2009; 69:824-831.
68. The effect of x-ray beam quality and geometry on radiation utilization efficiency in multi-detector CT imaging
K. Perisinakis, A. Papadakis, J. Damilakis
Medical Physics 2009; 36:1258-1266.
69.
Evaluation of a patient-specific Monte Carlo software for CT dosimetry
M. Myronakis, K. Perisinakis, A. Tzedakis, S. Gourtsoyianni, J. Damilakis
Radiation Protection Dosimetry 2009; 133:248-255.
70. Hyperthermic isolated limb perfusion for recurrent melanomas and soft tissue sarcomas: Feasibility and reproducibility in a multi-institutional Hellenic collaborative study
K. Lasithiotakis, G. Economou, H. Gogas, C. Ioannou, K. Perisynakis, D. Filis, O. Kastana, D. Bafaloukos, M. Dekatris, N. Catodritis, K. Frangia, G. Papadakis, M. Magarakis, D. Tsoutsos, E. Chrysos, G. Chalkiadakis and O. Zoras
Oncology Reports 2010; 23: 1077-1083.
71. Eye-lens bismuth shielding in pediatric head CT: artifact evaluation and reduction
M. Raissaki, K. Perisinakis, J. Damilakis, N. Gourtsoyiannis
Pediatric Radiology 2010; 40:1748-1753.
72.
Radiation dose to the conceptus from multidetector CT during early gestation: A method that allows for variations in maternal body size and conceptus position
J. Damilakis, K. Perisinakis, A. Tzedakis, A. Papadakis, A. Karantanis
Radiology 2010; 257:483-489.
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73. A method of estimating conceptus doses resulting from multi-detector CT examinations during all stages of gestation
J. Damilakis, A Tzedakis, K Perisinakis, AE Papadakis
Medical Physics 2010; 37:6411-6420.
74. Individualized assessment of radiation dose in patients undergoing coronary computed tomographic angiography with 256-slice scanning
K. Perisinakis, I. Seimenis, A. Tzedakis, A. Papadakis, J. Damilakis
Circulation 2010; 122:2394-2402.
75. Accuracy of multi-slice CT angiography for the assessment of in-stent restenoses in the iliac arteries at reduced dose: a phantom study
K. Perisinakis, E. Manousaki, K. Zourari, D. Tsetis, A. Tzedakis, A. Papadakis, A. Karantanas, J. Damilakis
British Journal of Radiology 2011; 84:244-250.
76. MDCT angiography assessment of renal artery in-stent restenosis; can we reduce the radiation exposure burden? A feasibility study
E. Manousaki, K. Perisinakis, A. Karantanas, D. Tsetis
European Journal of Radiology. 2011; 79:224-231.
77. Automatic exposure control in pediatric and adult CT examinations: Can we estimate organ and effective dose from mean mAs reduction?
AE Papadakis, K Perisinakis, I Oikonomou, J Damilakis
Investigative Radiology 2011; 46:654-662.
78.
Triple-rule-out CT angiography with 256-slice computed tomography scanners: patient-specific assessment of radiation burden and associated cancer risk
K. Perisinakis, I. Seimenis, A. Tzedakis, A. Papadakis, J. Damilakis
Investigative Radiology 2012; 47:109-115.
79. Screening computed tomography colonography with 256-slice scanning: Should patient radiation burden and associated cancer risk constitute a major concern?
K. Perisinakis, I. Seimenis, A. Tzedakis, A. Papadakis, K.M. Kourinou, J. Damilakis
Investigative Radiology 2012; 47: 451-456.
80.
The effect of head size/shape, miscentering and bow-tie filter on peak patient tissue doses from modern brain perfusion 256-slice CT: How can we minimize the risk for deterministic effects?
K. Perisinakis, I. Seimenis, A. Tzedakis, A. Papadakis, J. Damilakis
Medical Physics 2013; 40(1):011911.
81.
Hybrid cardiac imaging: insights in the dilemma of the appropriate clinical management of patients with suspected coronary artery disease
S. Koukouraki, K. Pagonidis, K. Perisinakis, I. Klinaki, M. Stathaki, J. Damilakis, A. Karantanas, N. Karkavitsas
European Journal of Radiology 2013; 82: 281-287.
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82. Effect of x-ray tube parameters and iodine concentration on image quality and radiation dose in cerebral pediatric and adult CT angiography: A phantom study
A. Papadakis, K. Perisinakis, M. Raissaki, J. Damilakis
Investigative Radiology 2013; 48:192-199.

 83. Comparison of methods for assessing geometric efficiency on multi detector CT scanners
T. Berris, K. Perisinakis, A.E. Papadakis, J. Damilakis
Physica Medica (European Journal of Medical Physics) 2013; 29: 312-322.

 84. Alterations of global gastrointestinal motility after sleeve gastrectomy: A prospective study
J. Melissas, A. Leventi, I. Klinaki, K. Perisinakis, S. Koukouraki, E. deBree, N. Karkavitsas
Annals of Surgery 2013; 258: 976-982.

 85. Personalized assessment of radiation risks from the one-stop-shop myocardial 256-slice CT examination
K. Perisinakis, I. Seimenis, A. Tzedakis, K. Pagonidis, A. Papadakis, J. Damilakis
International Journal of Cardiology 2013; 168: 5267-5272.

 86. Perfusion scintigraphy versus 256-slice CT angiography in pregnant patients suspected of pulmonary embolism: comparison of radiation risks
K. Perisinakis, I. Seimenis, A. Tzedakis, J. Damilakis
Journal of Nuclear Medicine 2014; 55:1273-1280.

 87. Automatic exposure control in CT: the effect of patient size, anatomical region and prescribed modulation strength on tube current and image quality
A.E. Papadakis, K. Perisinakis, J. Damilakis
European Radiology 2014; 24:2520-2531

 88. Location of radiosensitive organs inside pediatric anthropomorphic phantoms: data required for dosimetry.
S. Inkoom, M. Raissaki, K. Perisinakis, TG Maris, J. Damilakis
Physica Medica (European Journal of Medical Physics) 2015; 31:882-888.

 89. Data and methods to assess occupational exposure to personnel involved in cardiac catheterization procedures
K. Perisinakis, G. Solomou, J. Stratakis, J. Damilakis
Physica Medica (European Journal of Medical Physics) 2016; 32(2):386-92

 90. Development of a method to estimate organ doses for pediatric CT examinations
A.E. Papadakis, K. Perisinakis, J. Damilakis
Medical Physics 2016 May;43(5):2108.

 91. Data and methods to estimate fetal dose from fluoroscopically guided prophylactic hypogastric artery balloon occlusion (HABO)
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CONFERENCES/WORKSHOPS/etc

I have participated as

- a. invited speaker in >20 international and >90 national scientific, conferences, workshops etc
 - b. presenter in >150 international and >30 national scientific, conferences, workshops etc
-

MEMBERSHIPS & REVIEWING ACTIVITIES

2018	Evaluator, University of Sharjah, Malaysia
2025-pres	Evaluator, University of Malta, Medical Faculty
2019	Evaluator, Research Enhancement Foundation of Cyprus, Cyprus
2014-pres	Evaluator, State Scholarship Foundation of Greece, Greece
2014-pres	Evaluator, Greek Ministry of Education, Greece
1998-pres	Member, Hellenic Association of Medical Physicists (HAMP)
2000-pres	Member, European Society of Radiology (ESR)
2003-2020	Member, Society of Radiological Protection (SRP)
2016-pres	Member, Editorial Board of 'Physica Medica: European Journal of Medical Physics'
1996-pres	Reviewer, in more than 25 scientific journals

TEACHING ACTIVITIES (*if applicable*)

1996-present	University Tutor of undergraduate medical students, topic: Medical Physics, University of Crete Medical School, Greece
2002-present	University Tutor of postgraduate students of Medical Physics, topic: Physics of Nuclear Medicine, University of Athens Medical School, Greece
2015-present	Tutor, Topic: Optimization of radiological procedures on pediatric and pregnant patients, European Network for Training and Education of Medical Physics Experts (EUTEMPE-RX)
2020-present	University Tutor of postgraduate students of Biomedical Engineering, Topics: – Physics of Computed Tomography and Physics of Nuclear Medicine, University of Crete, Medical School, Heraklion, Greece
2021-present	University Tutor of postgraduate students of Biomedical imaging and Radiation Protection, topics: Physics of Computed Tomography and Physics of Nuclear Medicine, University of Thessaly, Faculty of Medicine, Larisa, Greece
2022-present	Director of Studies in the postgraduate (MSc) program 'Biomedical Engineering' co-organized by the University of Crete (School of Medicine, Department of Computer Science, Department of Materials Science and Technology), the Technical University of Crete (School of Electrical and Computer Engineering) and the Foundation for Research and Technology-Hellas FORTH Site: https://mscs.uoc.gr/bme-crete/
2025-present	Tutor, Topic: EUTEMPE Module 11: Artificial Intelligence in Patient Dosimetry for X-ray Diagnostic and Therapeutic Imaging' European Network for Training and Education of Medical Physics Experts (EUTEMPE-RX)

SUPERVISION OF GRADUATE STUDENTS & POSTDOCTORAL FELLOWS *(if applicable)*

1999-2023	Supervisor of 13 PhD students (PhD thesis) University of Crete, Medical School
2010-2023	Supervisor of 12 MSc students (MSc thesis) University of Crete, Medical School
2003-2023	Supervisor of 13 BSc students (BSc thesis) University of Crete, Faculty of Physics

RESEARCH GRANTS

Project Title	Funding source	Period	Role of the PI
Improvement of subtle microcalcifications diagnosis in mammographic imaging	State Scholarship Foundation of Greece	1999-2000	Principal investigator
Safety and Efficacy of computed tomography (CT): a broad perspective	European union (FP6)	2005-2007	Participant
Development of new imaging protocols for computed tomography imaging for diagnosis of brain tumors	Greek Ministry of Health	2009-2011	Principal investigator
CONCERT (Conceptus Radiation Doses and Risks from Imaging with Ionizing Radiation)	Greek Ministry of Research and Technology	2012-2015	Participant
European Network for Training and Education of Medical Physics Experts (EUTEMPE-RX)	European Union (FP7)	2013-2016	Participant
MEDIRAD: Implications of medical low dose radiation exposure	European Union (Euratom research and training program 2014-2018)	2017-2021	Participant
SINFONIA: Radiation risk appraisal for detrimental effects from medical exposure during management of patients with lymphoma or brain tumour	Euratom research and training programme 2019-2020	2020-2024	Participant

ACADEMY MEMBERSHIPS

- [1] Elected member of the administrative board in the Association of Academic Personnel of the University of Crete
- [2] Elected member of the administrative board of the Hellenic Association of Medical Physicists (HAMP)
- [3] Member of the Editorial Board of the journal: Physica Medica - European Journal of Medical Physics (EJMP)